



Avaya Aura[®] Communication Manager SNMP Administration and Reference Guide

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Chapter 1: SNMP overview

Introduction

This document contains information about Avaya Aura® Communication Manager supported SNMP MIB Groups and SNMP administration.

For more information, see *Avaya Aura® Communication Manager SNMP Renewal Quick Reference Guide* that can be downloaded from Avaya Support.

Discontinued support for IP Server Interface (TN2312, commonly known as “IPSI”)

With Release 10.2, Communication Manager does not support the IP Server Interface (IPSI). As a result, access and functionality are removed. This means, the IPSI connected cabinets and gateways do not work with Communication Manager Release 10.2. Examples of IPSI connected cabinets and systems include G3cfs, G3csi, G3i, G3r, G3s, G3si, G3vs, G3x, G600, G650, MCC, SCC, CMC, IPSI, IP Server Interface, and IP port network.

Discontinued support also includes the TN8412, which previously paired with the TN8400 blade server. TN8412 was last supported with Communication Manager Release 5.x.

For more information, see the [End of sale G650 document](#) published on the Avaya Support website.

SNMP overview

Simple Network Management Protocol (SNMP) provides a simple set of operations to remotely manage devices on a network. SNMP is a most-widely deployed management protocol and is deployed in switches, routers, IP end-points, and applications. SNMP enables the basic monitoring and management for IP-enabled devices, systems, and applications. Avaya uses Net-SNMP to implement SNMP on the Avaya Aura® Communication Manager.

SNMP versions

Avaya Aura® Communication Manager supports the following versions of SNMP:

- SNMP version 1 (SNMP v1) and: SNMP v1 is the initial version of SNMP. The security in SNMP v1 is based on plain-text strings known as communities.
- SNMP Version 2c (SNMP v2c): The security in SNMP v2c is based on plain-text strings known as communities.
- SNMP version 3 (SNMP v3): SNMP v3 provides additional security with authentication and private communication between managed entities.

 Note:

Communities are passwords that allow any SNMP-based application to gain access to the management information of a device.

Change history

Issue	Date	Summary of changes
3	October 2025	Updated the following section: • AVAYA-AURA-CM-MIB on page 11
2	March 2024	Updated the following sections: • Adding an SNMP agent using the web interface • Access field descriptions • Modifying an SNMP agent using the web interface • Adding an SNMP trap using the web interface • snmptrapconfig • snmpuserconfig
1	December 2023	Release 10.2.x

Chapter 2: MIB Groups

Management Information Base (MIB)

A management information base (MIB) contains definitions and information about the properties of managed sources and services that SNMP supports.

AVAYA-AURA-CM-MIB

AVAYA-AURA-CM-MIB contains MIBs and OIDs. For more information about MIBs and OIDs, refer to the related section.

avCmVersion

MIB group name	OID	Type
avCmVersion	enterprises.6889.2.73.8.1.1	Scalar

Description

The avCmVersion MIB Group displays the output of the **swversion** command. The **swversion** command displays the Server Software version information.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

60 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmVersion	Bash	swversion	Communication Manager Software Version

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmVersionOperSystem	.1	R	SnmpAdminString (SIZE (0..50))	Operating System:	An object containing the operating system running on the server.
Communication Manager Software Version					
avCmVersionBuildDate	.2	R	SnmpAdminString (SIZE (0..25))	Built:	An object containing operation system build date.
Communication Manager Software Version					
avCmVersionLoadNumber	.3	R	SnmpAdminString (SIZE (0..15))	Contains:	An object containing the date and time that the license was installed on the Communication Manager server.
Communication Manager Software Version					
avCmVersionRIsNumber	.4	R	SnmpAdminString (SIZE (0..25))	CM Reports as:	An object containing the current Communication Manager release

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
Communication Manager Software Version					number running on the server.
avCmVersionRlsString	.5	R	SnmpAdminString (SIZE (0..25))	CM Release String:	An object containing the Communication Manager release string.
Communication Manager Software Version					
avCmVersionVMToolsVersVM Only	.6	R	SnmpAdminString (SIZE (0..28))	VMwaretools version:	An object containing the VMwaretools version string (Only displayed on VMware platform).
Communication Manager Software Version					
avCmVersionTransSaved	.7	R	SnmpAdminString (SIZE (0..20))	CM Translations Saved:	An object containing the date and time that translation was last saved on the Communication Manager server.
Communication Manager Software Version					
avCmVersionLicInstalled	.8	R	SnmpAdminString (SIZE (0..20))	CM License Installed:	An object containing the date and time that the license was installed on the Communication Manager server.
Communication Manager Software Version					
avCmVersionMemConfig	.9	R	SnmpAdminString (SIZE (0..20))	CM Memory Config:	An object containing the memory configuration on the Communication Manager server.
Communication Manager Software Version					

Sample output of forms

```

server1> swversion
  Operating system: Linux 2.6.32-504.8.1.el6.AV3.x86_64 x86_64 x86_64
    Built: Apr 1 10:18 2015
    Contains: 00.0.439.0
7
    CM Reports as: R017x.00.0.439.0
    CM Release String: vcm-017-00.0.439.0
    RTS Version: CM 07.0.0.0.439
    Publication Date: 04 October 2012
    VMwaretools version: 9.4.10.37835 (build-2068191)
UPDATES:
    There are no updates on the system.
    CM Translation Saved: 2015-06-09 22:00:17

```

CM License Installed: 2015-05-27 15:59:56
CM Memory Config: Large

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 15 -r 3 -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmVersion
AVAYA-AURA-CM-MIB::avCmVersionOperSystem.0 = STRING: Linux
2.6.32-504.8.1.el6.AV3.x86_64 x86_64 x86_64
AVAYA-AURA-CM-MIB::avCmVersionBuildDate.0 = STRING: Apr 1 10:18 2015
AVAYA-AURA-CM-MIB::avCmVersionLoadNumber.0 = STRING: 00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionRlsNumber.0 = STRING: R017x.00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionRlsString.0 = STRING: vcm-017-00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionVMToolsVers.0 = STRING: 9.4.10.37835 (build-2068191)
AVAYA-AURA-CM-MIB::avCmVersionTransSaved.0 = STRING: 2015-06-09 22:00:17
AVAYA-AURA-CM-MIB::avCmVersionLicInstalled.0 = STRING: 2015-05-27 15:59:56
AVAYA-AURA-CM-MIB::avCmVersionMemConfig.0 = STRING: Large
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmConfiguration

MIB group name	OID	Type
avCmConfiguration	enterprises.6889.2.73.8.1.3	Table

Description

The avCmConfiguration MIB group displays the output from the **list configuration all** command. The **list configuration all** generates a SYSTEM CONFIGURATION report which includes the type, code, suffix, and vintage of the circuit packs installed in the system.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

No more than once a day or after configuration changes.

Default Caching Interval

60 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmConfiguration	SAT	list configuration all	SYSTEM CONFIGURATION

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmConfigurationTable	.1	n/a	n/a	n/a	A list of the avCmConfiguration entries.
avCmConfigurationEntry	.1.1	n/a	n/a	n/a	A avCmConfiguration entry containing objects of the avCmConfiguration information sent by the switch.
avCmConfigurationBoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
avCmConfigurationBoardNumber	.1.1.2	R	SnmpAdminString (SIZE (0..8))	Board Number	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows:

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CONFIGURATION					cabinet(01-64):carrier(A-E):slot(01-20).
avCmConfigurationBoardType	.1.1.3	R	SnmpAdminString (SIZE (0..20))	Board Type	An object containing the type of board.
SYSTEM CONFIGURATION					
avCmConfigurationCode	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION					
avCmConfigurationVintage	.1.1.5	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION					
avCmConfigurationAssignedPorts	.1.1.6	R	SnmpAdminString (SIZE (0..193))	Assigned Ports	An object that specifies the assignment of the ports.
SYSTEM CONFIGURATION					

Sample output of forms

List configuration all									
Page 1									
SYSTEM CONFIGURATION									
Board Number	Board Type	Code	Vintage	Assigned Ports					
				u=unassigned	t=tti	p=psa			
01A00	POWER SUPPLY	655A							
01A01	IP SERVER INTFC	TN2312BP	HW35 FW044	01	02	03	04	05	06
01A02	CONTRDL-LAN	TN799DP	HW01 FW012	u	u	u	u	u	u
				u	u	u	u	u	u
				17					
01A04	BRI LINE	TN556B	000003	01	u	u	u	u	u
				u	u	u	u	u	u
				u	u	u	u	u	u
01A05	IP MEDIA PROCESSOR	TN2602AP	HW08 FW060	01	02	03	04		
01A06	CONTRDL-LAN	TN799DP	HW01 FW038	u	u	u	u	u	u
				u	u	u	u	u	u
				17					
press CANCEL to quit -- press NEXT PAGE to continue F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg									

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmConfiguration
avCmConfigurationBoardNumber."01A" = STRING: 01A
avCmConfigurationBoardNumber."02A" = STRING: 02A
:
:
avCmConfigurationBoardNumber."07B14" = STRING: 07B14
avCmConfigurationBoardType."01A" = STRING: IP SERVER INTFC
```

```

avCmConfigurationBoardType."02A" = STRING: IP SERVER INTFC
:
:
avCmConfigurationBoardType."07B14" = STRING: ANALOG LINE
avCmConfigurationCode."01A" = STRING: TN2312BP
avCmConfigurationCode."02A" = STRING: TN2312BP
:
:
vCmConfigurationCode."07B14" = STRING: TN793
avCmConfigurationVintage."01A" = STRING: HW35 FW044
avCmConfigurationVintage."02A" = STRING: HW07 FW078
:
:
avCmConfigurationVintage."07B14" = STRING: 000004
avCmConfigurationAssignedPorts."01A" = STRING: 01 02 03 04 05 06 07 08
avCmConfigurationAssignedPorts."02A" = STRING: 01 02 03 04 05 06 07 08
:
:
avCmConfigurationAssignedPorts."03A" = STRING:
avCmConfigurationAssignedPorts."07B14" = STRING: u u u u u u u u u u u u u u u u u
u u u u u

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmServerInfo

MIB group name	OID	Type
avCmServerInfo	enterprises.6889.2.73.8.1.4	Scalar

Description

The avCmServerInfo MIB group displays the general information about the system such as Server Names, Server IP Address, Server State.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Polling Interval

No more than every 15 minutes.

Default Caching Interval

30 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associate command	Form/Report name
avCmServerInfo	Bash	productid	Product ID
	Bash	server	SERVER STATUS

Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmServerInfoProductID	.1	R	SnmpAdminString (SIZE (0..11))	Product ID:	An object that contains Product ID of the server
SERVER STATUS					
avCmServerInfoActiveName	.2	R	SnmpAdminString (SIZE (0..30))	n/a	An object containing the name of aliased active server.
SERVER STATUS					
avCmServerInfoActiveIPAddr	.3	R	SnmpAdminString (SIZE (0..50))	n/a	An object containing the name of aliased active server.
SERVER STATUS					
avCmServerInfoServer1Name	.4	R	SnmpAdminString (SIZE (0..50))	n/a	An object containing name of Server 1.
SERVER STATUS					
avCmServerInfoServer1IPAddr	.5	R	SnmpAdminString (SIZE (0..30))	n/a	An object containing the IP address of Server 1.
SERVER STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmServerInfoServer1State	.6	R	SnmpAdminString (SIZE (0..20))	Mode	An object containing the current state of Server 1. Valid responses are 'active', 'standby', 'dormant', and 'busyout'.
SERVER STATUS					
avCmServerInfoServer2Name	.7	R	SnmpAdminString (SIZE (0..30))	n/a	An object containing the IP address of Server 2.
SERVER STATUS					
avCmServerInfoServer2IPAddr	.8	R	SnmpAdminString (SIZE (0..50))	n/a	An object containing the IP address of Server 2.
SERVER STATUS					
avCmServerInfoServer2State	.9	R	SnmpAdminString (SIZE (0..20))	Mode	An object containing the current state of Server 2. Valid responses are 'active', 'standby', 'dormant' and 'busyout'.
SERVER STATUS					
avCmServerInfoServerType	.10	R	SnmpAdminString (SIZE (0..20))	Server Type	An object containing the hardware server type.
SERVER STATUS					
avCmServerInfoSurvRemoteConfig	.11	R	SnmpAdminString (SIZE (0..20))	Ipconfig	An object indicating whether the switch is configured as a survivable remote server/LSP. Possible values are 'icc', 'lsp' and 'unset'.
SERVER STATUS					
avCmServerInfoSurvCoreConfig	.12	R	SnmpAdminString (SIZE (0..20))	essconfig	An object indicating whether the switch is configured as a survivable remote server/LSP. Possible values are 'icc', 'lsp' and 'unset'.
SERVER STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmServerInfoStdbyRefresh	.13	R	SnmpAdminString (SIZE (0..10))	Mode	An object displaying whether the Standby Server is refreshed or not and is it ready to go for an interchange. Possible values are 'yes' and 'no'.
SERVER STATUS					

Sample output of forms

```

Dupserver1> productid
Product ID: "1000000000"
dupserver1> server
SERVER STATUS
Cluster ID: 001
Duplication: sw
Standby Busied? yes
Standby Refreshed? no
Standby Shadowing: off
Duplication Link: up
Elapsed Time since Init/Interchange: 8d 00:53:54 (curbs in)
18
dupserver1 dupserver2
ID: 001 (1) ID: 002 (2)
Mode: Active Mode: BUSY OUT
Major Alarms: no Major Alarms: no
Minor Alarms: yes Minor Alarms: no
Control Network: 3 / 3 / 3 Control Network: 3 / 3 / 3
Processor Ethernet: up Processor Ethernet: up
PE Priority: high PE Priority: high
Server Hardware: okay Server Hardware: okay
Processes: okay Processes: okay

```

Sample Output of SNMP Walk command:

```

dupserver1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmServerInfo
AVAYA-AURA-CM-MIB::avCmServerInfoProductID.0 = STRING: 1000000000
AVAYA-AURA-CM-MIB::avCmServerInfoActiveName.0 = STRING: kenny
AVAYA-AURA-CM-MIB::avCmServerInfoActiveIPAddr.0 = STRING: 10.129.178.77
AVAYA-AURA-CM-MIB::avCmServerInfoServer1Name.0 = STRING: kenny1
AVAYA-AURA-CM-MIB::avCmServerInfoServer1IPAddr.0 = STRING: 10.129.178.75
AVAYA-AURA-CM-MIB::avCmServerInfoServer1State.0 = STRING: active
AVAYA-AURA-CM-MIB::avCmServerInfoServer2Name.0 = STRING: kenny2
AVAYA-AURA-CM-MIB::avCmServerInfoServer2IPAddr.0 = STRING: 10.129.178.76
AVAYA-AURA-CM-MIB::avCmServerInfoServer2State.0 = STRING: standby
AVAYA-AURA-CM-MIB::avCmServerInfoServerType.0 = STRING: vmware
AVAYA-AURA-CM-MIB::avCmServerInfoSurvRemoteConfig.0 = STRING: unset
AVAYA-AURA-CM-MIB::avCmServerInfoSurvCoreConfig.0 = STRING: unset
AVAYA-AURA-CM-MIB::avCmServerInfoStdbyRefresh.0 = STRING: no

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmAlarms

MIB group name	OID	Type
avCmAlarms	enterprises.6889.2.73.8.1.5	Table

Description

The avCmAlarms MIB group displays the output of CMs Active Alarm Report.

Releases Supported

6.3.100 and later

Polling Type

Fault

Polling Interval

No more than every 1 hour.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmAlarms	SAT	<code>display alarms</code>	ALARM REPORT

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmAlarmsTable	.1	n/a	n/a	n/a	A list of the avCmAlarms entries.
avCmAlarmsEntry	.1.1	n/a	n/a	n/a	An avCmAlarms entry containing objects of the avCmAlarms information sent by the switch.
avCmAlarmsPortIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object containing an index that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64); carrier (A-E); slot (01-20); port (01-64).
avCmAlarmsMtceNameIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..9))	n/a	An object containing an index that uniquely identifies a Maintenance Object Name.
avCmAlarmsIndex	.1.1.3	n/a	Integer32 (0..6500)	n/a	An Integer32 object containing an index that numbers the alarm entry for the avCmAlarmsPortIdx. This object along with avCmAlarmsPortIdx serves as the instance identifier for avCmAlarmsEntry.
avCmAlarmsPort	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Port	An object that uniquely identifies a port based on

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ALARM REPORT					its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64).
avCmAlarmsMtceName	.1.1.5	R	SnmpAdminString (SIZE (0..9))	Mtce Name	An object that contains the Maintenance Object Name.
ALARM REPORT					
avCmAlarmsOnBrd	.1.1.6	R	SnmpAdminString (SIZE (0..2))	On Brd	An object that contains the whether or not the alarm is on or off board.
ALARM REPORT					
avCmAlarmsAltName	.1.1.7	R	SnmpAdminString (SIZE (0..14))	Alt Name	An object that contains the alternate name of the alarmed object. Alternate names can consist of extension numbers, trunk group numbers or other identifying data.
ALARM REPORT					
avCmAlarmsAlarmType	.1.1.8	R	SnmpAdminString (SIZE (0..8))	Alarm Type	An object that contains the alarm severity.
ALARM REPORT					
avCmAlarmsSvcState	.1.1.9	R	SnmpAdminString (SIZE (0..4))	Svc State	An object that contains the service state of the alarmed object.
ALARM REPORT					
avCmAlarmsAck	.1.1.10	R	SnmpAdminString (SIZE (0..18))	Ack 1 2	An object that contains whether or not the alarm has been acknowledged by the alarm receiver.
ALARM REPORT					
avCmAlarmsDateAlarmed	.1.1.11	R	SnmpAdminString (SIZE (0..12))	Date Alarmed	An object that contains the month/day/hour:

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ALARM REPORT					minute the alarm was generated.
avCmAlarmsDateResolved	.1.1.1.2	R	SnmpAdminString (SIZE (0..12))	Date Resolved	An object that contains the month/day/hour: minute the alarm was Resolved.
ALARM REPORT					

Sample output of forms

display alarms										Page 1
ALARM REPORT										
Port	Mtce Name	On Brd?	Alt Name	Alarm Type	Svc State	Ack? 1 2	Date Alarmed	Date Resolved		
006V6	DLY-MTCE	n		MAJOR		n	05/21/22:05	00/00/00:00		
	SP-REG-M	n		MINOR		y	05/19/11:09	00/00/00:00		
	MG-ANA	y		MINOR		y	05/19/11:15	00/00/00:00		
	NR-CONN	n		MINOR		y	05/20/08:32	00/00/00:00		
S00012	DIG-IP-S	n	4006	WARNING	OUT		05/19/11:00	00/00/00:00		
S00013	DIG-IP-S	n	4007	WARNING	OUT		05/19/11:00	00/00/00:00		
S00022	DIG-IP-S	n	5384007	WARNING	OUT		05/19/11:00	00/00/00:00		
S00009	DIG-IP-S	n	1009	WARNING	OUT		05/19/11:00	00/00/00:00		
S00010	DIG-IP-S	n	1012	WARNING	OUT		05/19/11:00	00/00/00:00		
S00008	DIG-IP-S	n	1008	WARNING	OUT		05/19/11:00	00/00/00:00		
S00020	DIG-IP-S	n	4300	WARNING	OUT		05/19/11:00	00/00/00:00		
S00019	DIG-IP-S	n	4200	WARNING	OUT		05/19/11:00	00/00/00:00		
S00001	DIG-IP-S	n	1001	WARNING	OUT		05/19/11:00	00/00/00:00		
S00002	DIG-IP-S	n	1003	WARNING	OUT		05/19/11:00	00/00/00:00		
Press CANCEL to abort or NEXT PAGE for next page										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmAlarms
avCmAlarmsPort."604"."ISDN-SGR".1 = STRING: 604
avCmAlarmsPort."604"."ISDN-SGR".2 = STRING: 604
:
:
avCmAlarmsPort."000000000"."SP-REG-M".1 = STRING: 000000000
avCmAlarmsMtceName."604"."ISDN-SGR".1 = STRING: ISDN-SGR
avCmAlarmsMtceName."604"."ISDN-SGR".2 = STRING: ISDN-SGR
:
:
avCmAlarmsMtceName."000000000"."SP-REG-M".1 = STRING: SP-REG-M
avCmAlarmsOnBrd."604"."ISDN-SGR".1 = STRING: n
avCmAlarmsOnBrd."604"."ISDN-SGR".2 = STRING: n
:
:
avCmAlarmsOnBrd."000000000"."SP-REG-M".1 = STRING: n
avCmAlarmsAltName."604"."ISDN-SGR".1 = STRING:
avCmAlarmsAltName."604"."ISDN-SGR".2 = STRING:
:
:
avCmAlarmsAltName."000000000"."SP-REG-M".1 = STRING:
avCmAlarmsAlarmType."604"."ISDN-SGR".1 = STRING: WARNING
```

```

avCmAlarmsAlarmType."604"."ISDN-SGR".2 = STRING: WARNING
:
:
avCmAlarmsAlarmType."000000000"."SP-REG-M".1 = STRING: MINOR
avCmAlarmsSvcState."604"."ISDN-SGR".1 = STRING: OUT
avCmAlarmsSvcState."604"."ISDN-SGR".2 = STRING: OUT
:
:
avCmAlarmsSvcState."000000000"."SP-REG-M".1 = STRING:
avCmAlarmsAck."604"."ISDN-SGR".1 = STRING: Ack 1: Ack 2:
avCmAlarmsAck."604"."ISDN-SGR".2 = STRING: Ack 1: Ack 2:
:
:
avCmAlarmsAck."000000000"."SP-REG-M".1 = STRING: Ack 1: y Ack 2:
avCmAlarmsDateAlarmed."604"."ISDN-SGR".1 = STRING: 05/20/08:31
avCmAlarmsDateAlarmed."604"."ISDN-SGR".2 = STRING: 05/20/08:31
:
:
avCmAlarmsDateAlarmed."000000000"."SP-REG-M".1 = STRING: 05/19/11:09
avCmAlarmsDateResolved."604"."ISDN-SGR".1 = STRING: 00/00/00:00
avCmAlarmsDateResolved."604"."ISDN-SGR".2 = STRING: 00/00/00:00
:
:
avCmAlarmsDateResolved."000000000"."SP-REG-M".1 = STRING: 00/00/00:00

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmErrors

MIB group name	OID	Type
avCmErrors	enterprises.6889.2.73.8.1.6	Table

Description

The avCmErrors MIB group displays the output of CMs error log.

Releases Supported

6.3.100 and later

Polling Type

Fault

Polling Interval

No more than every 1 hour.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmErrors	SAT	display errors	ERROR REPORT

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmErrorsTable	.1	n/a	n/a	n/a	a list of the avCmErrors entries.
avCmErrorsEntry	.1.1	n/a	n/a	n/a	An avCmErrorsentry containing objects of the avCmErrors information sent by the switch.
avCmErrorsPortIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64); carrier (A-E); slot (01-20); port (01-64).
avCmErrorsMtceNameIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..9))	n/a	An object containing an index that uniquely identifies a Maintenance Object Name.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmErrorsIndex	.1.1.3	n/a	Integer32 (0..6500)	n/a	An object containing an index that numbers the alarm entry for the avCmErrorsPortIdx. This object along with avCmErrorsPortIdx serves as the instance identifier for avCmErrorsEntry.
avCmErrorsPort	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Port	An object that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64).
ERROR REPORT					
avCmErrorsMtceName	.1.1.5	R	SnmpAdminString (SIZE (0..9))	Mtce Name	An object that contains the Maintenance Object Name.
ERROR REPORT					
avCmErrorsAltName	.1.1.6	R	SnmpAdminString (SIZE (0..14))	Alt Name	An object that contains the the alternate name of the alarmed object. Alternate names can consist of extension numbers, trunk group numbers or other identifying data.
ERROR REPORT					
avCmErrorsErrType	.1.1.7	R	SnmpAdminString (SIZE (0..8))	Err Type	An object that contains the specific error type in numeric code used to determine the type of error.
ERROR REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmErrorsAuxData	.1.1.8	R	SnmpAdminString (SIZE (0..6))	Aux Data	An object that contains the numeric auxiliary code used with the errType to troubleshoot a problem.
ERROR REPORT					
avCmErrorsFirstLastOccurrence	.1.1.9	R	SnmpAdminString (SIZE (0..37))	First / Last Occurrence	An object that contains the mon/day/hour: min the alarm first last occurred.
ERROR REPORT					
avCmErrorsErrCnt	.1.1.10	R	SnmpAdminString (SIZE (0..4))	err Cnt	An object that contains a numeric count of the occurrence of error.
ERROR REPORT					
avCmErrorsErrRt	.1.1.11	R	SnmpAdminString (SIZE (0..4))	Err Rt	An object that contains the error rate occurrences of the error hour.
ERROR REPORT					
avCmErrorsRtHr	.1.1.12	R	SnmpAdminString (SIZE (0..4))	Rt Hr	A DisplayString Object containing the error rate per hour.
ERROR REPORT					
avCmErrorsAlSt	.1.1.13	R	SnmpAdminString (SIZE (0..2))	Alm St	An object that contains the alarm state of the error.
ERROR REPORT					
avCmErrorsAc	.1.1.14	R	SnmpAdminString (SIZE (0..2))	Ac	An object that contains the Maintenance Object active state.
ERROR REPORT					

Sample output of forms

display errors										Page 1
HARDWARE ERROR REPORT - ACTIVE ALARMS										
Port	Mtce Name	Alt Name	Err Type	Aux Data	First/Last Occurrence	Err Cnt	Err Rt	Rt/ Hr	Al St	Ac
	DLY-MTCE		542	60410	05/19/22:06 05/26/22:05	8	0	0	a	n
	NR-CONN		1		05/20/08:32 05/27/10:02	255	1	7	a	y
604	ISDN-SGR		769		05/19/11:00 05/27/09:59	255	1	9	a	y
604	ISDN-SGR		1793		05/19/11:00 05/27/10:01	255	1	7	a	y
002V4	MG-DS1		1	0	05/19/11:03 05/19/11:13	2	12	0	a	n
004V3	MG-DS1		1	0	05/19/11:03 05/19/11:13	2	12	0	a	n
004V7	MG-DS1		1	0	05/19/11:03 05/19/11:13	2	12	0	a	n
Press CANCEL to abort or NEXT PAGE for next page										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmErrors
avCmErrorsPort."604"."ISDN-SGR".1 = STRING: 604
avCmErrorsPort."604"."ISDN-SGR".2 = STRING: 604
:
:
avCmErrorsPort."000000000"."SP-REG-M".1 = STRING: 000000000
avCmErrorsMtceName."604"."ISDN-SGR".1 = STRING: ISDN-SGR
:
:
avCmErrorsMtceName."000000000"."SP-REG-M".1 = STRING: SP-REG-M
avCmErrorsAltName."604"."ISDN-SGR".1 = STRING:
avCmErrorsAltName."604"."ISDN-SGR".2 = STRING:
:
:
avCmErrorsAltName."000000000"."SP-REG-M".1 = STRING:
avCmErrorsErrType."604"."ISDN-SGR".1 = STRING: 1793
avCmErrorsErrType."604"."ISDN-SGR".2 = STRING: 769
:
:
avCmErrorsErrType."000000000"."SP-REG-M".1 = STRING: 257
avCmErrorsAuxData."604"."ISDN-SGR".1 = STRING:
avCmErrorsAuxData."604"."ISDN-SGR".2 = STRING:
:
:
avCmErrorsAuxData."000000000"."SP-REG-M".1 = STRING: 2
avCmErrorsFirstLastOccurrence."604"."ISDN-SGR".1 = STRING: First: 05/19/11:00 Last:
05/27/10:01
avCmErrorsFirstLastOccurrence."604"."ISDN-SGR".2 = STRING: First: 05/19/11:00 Last:
05/27/09:59
27
:
:
avCmErrorsFirstLastOccurrence."000000000"."SP-REG-M".1 = STRING: First: 05/19/11:09
Last: 05/19/11:09
avCmErrorsErrCnt."604"."ISDN-SGR".1 = STRING: 255
```

```

avCmErrorsErrCnt."604"."ISDN-SGR".2 = STRING: 255
:
:
avCmErrorsErrCnt."000000000"."SP-REG-M".1 = STRING: 1
avCmErrorsErrRt."604"."ISDN-SGR".1 = STRING: 1
avCmErrorsErrRt."604"."ISDN-SGR".2 = STRING: 1
:
:
avCmErrorsErrRt."000000000"."SP-REG-M".1 = STRING: 0
avCmErrorsRtHr."604"."ISDN-SGR".1 = STRING: 7
avCmErrorsRtHr."604"."ISDN-SGR".2 = STRING: 9
:
:
avCmErrorsRtHr."000000000"."SP-REG-M".1 = STRING: 0
avCmErrorsAlSt."604"."ISDN-SGR".1 = STRING: a
avCmErrorsAlSt."604"."ISDN-SGR".2 = STRING: a
:
:
avCmErrorsAlSt."000000000"."SP-REG-M".1 = STRING: a
avCmErrorsAc."604"."ISDN-SGR".1 = STRING: y
avCmErrorsAc."604"."ISDN-SGR".2 = STRING: y
:
:
avCmErrorsAc."000000000"."SP-REG-M".1 = STRING: y

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmServerAlarm

MIB group name	OID	Type
avCmServerAlarm	enterprises.6889.2.73.8.1.2	Table

Description

The avCmServerAlarm MIB Group displays the output of the **almdisplay -serv -w**. The **almdisplay -serv -w** displays all active server alarms.

Releases Supported

6.3.100 and later

Polling Type

Fault

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

90 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmServerAlarm	Bash	almdisplay -serv -w	Server Alarms

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmServerAlarmTable	.1	n/a	n/a	n/a	A list of the avCmServerAlarm entries.
avCmServerAlarmEntry	.1.1	n/a	n/a	n/a	An avCmServerAlarm entry containing objects of the avCmServerAlarm information sent by the switch.
avCmServerAlarmIdx	.1.1.1	n/a	Integer32 (0..400)	n/a	An object that uniquely identifies each Server Alarm.
avCmServerAlarmID	.1.1.2	R	Integer32 (0..400)	ID	An object that displays the abbreviated name of the Source which generated the alarm.
Server Alarms					
avCmServerAlarmSource	.1.1.3	R	SnmpAdminString (SIZE (0..7))	Source	An object that displays the Event ID of the alarm. Event ID is a unique number that identifies an

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
Server Alarms					alarmable event on a per Source basis.
avCmServerAlarmEventID	.1.1.4	R	SnmpAdminString (SIZE (0..6))	EvtID	An object that displays Y or N, indicating whether or not the alarm has been acknowledged by INADS.
Server Alarms					
avCmServerAlarmLevel	.1.1.5	R	SnmpAdminString (SIZE (0..4))	Lvl	An object that displays Y or N, indicating whether or not the alarm has been acknowledged by INADS.
Server Alarms					
avCmServerAlarmAck	.1.1.6	R	SnmpAdminString (SIZE (0..4))	Ack	An object that contains the severity level of the alarm: Warning (WRN), Minor(MIN), or Major(MAJ).
Server Alarms					
avCmServerAlarmDate	.1.1.7	R	SnmpAdminString (SIZE0..35))	Date	An object that contains the date the Server Alarms was generated.
Server Alarms					
avCmServerAlarmDescription	.1.1.8	R	SnmpAdminString (SIZE0..120))	Description	An object that contains a description of the Server Alarms.
Server Alarms					

Sample output of forms

```
server1> almdisplay -serv -v
ID Source EvtID Lvl Ack Date Description
5 _WD 22 MIN Y Fri May 22 20:03:30 MDT 2015 Application SME (24316) terminated
4 PRUNE 11 WRN Y Fri May 22 09:57:00 MDT 2015 Removed files under /tmp
3 SVC_MON 5 MAJ Y Fri May 22 09:41:20 MDT 2015 service xinetd does not exist
2 DAL2 1 MAJ Y Fri May 22 09:34:32 MDT 2015 mdd Multiple bit error occurred
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmServerAlarm
AVAYA-AURA-CM-MIB::avCmServerAlarmID.2 = INTEGER: 2
AVAYA-AURA-CM-MIB::avCmServerAlarmID.3 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmServerAlarmID.4 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmServerAlarmID.5 = INTEGER: 5
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.2 = STRING: DAL2
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.3 = STRING: SVC_MO
```

```

AVAYA-AURA-CM-MIB::avCmServerAlarmSource.4 = STRING: PRUNE
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.5 = STRING: _WD
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.2 = STRING: 1
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.3 = STRING: 5
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.4 = STRING: 11
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.5 = STRING: 22
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.2 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.3 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.4 = STRING: WRN
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.5 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.2 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.3 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.4 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.5 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.2 = STRING: Fri May 22 09:34:32 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.3 = STRING: Fri May 22 09:41:20 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.4 = STRING: Fri May 22 09:57:00 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.5 = STRING: Fri May 22 20:03:30 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.2 = STRING: mdd Multiple bit error
occurred
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.3 = STRING: service xinetd does not exist
11
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.4 = STRING: Removed files under /tmp
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.5 = STRING: Application SME (24316)
terminated
inads@dell14snmp-mehm> snmpwalk -v2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmServerAlarms
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.2 = STRING: DAL2
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.3 = STRING: SVC_MO
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.4 = STRING: PRUNE
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.5 = STRING: _WD

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListStation

MIB group name	OID	Type
avCmListStation	enterprises .6889.2.73.8.1.7	Table

Description

The avCmListStation MIB group displays the output of the list station command.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

No more than every 15 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListStation	SAT	<code>list station</code>	STATIONS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListStationTable	.1	n/a	SEQUENCE OF avCmListStationRangeEntry	n/a	A list of the avCmServerAlarm s entries.
STATIONS					
avCmListStationIdx	.1.1	n/a	avCmListStationRangeEntry	n/a	A avCmServerAlarm entry containing objects of the avCmServerAlarm information sent by the switch.
STATIONS					
avCmListStationExtension	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object containing an index that uniquely identifies an administered station.
STATIONS					
avCmListStationType	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the stations extension.
STATIONS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCListStationType	.1.1.3	R	SnmpAdminString (SIZE (0..10))	Type	An object containing the station type.
STATIONS					
avCmListStationName	.1.1.4	R	SnmpAdminString (SIZE (0..28))	ID	An object containing the name assigned to the station.
STATIONS					
avCmListStationPort	.1.1.5	R	SnmpAdminString (SIZE (0..8))	Port	An object containing the stations port assignment.
STATIONS					

Sample output of forms

list station										Page 1
STATIONS										
Ext/ Hunt-to	Port/ Type	Name/ Surv	GK	NN	Move	Room/ Data	Ext	Cv1/ Cv2	COR/ COS	Cable/ TN Jack
1000	S00000	Ji Test						1		
	4620				no			1	1	
1001	S00001							1		
	4620				no			1	1	
1002	006V806							1		
	6424D+				no			1	1	
1003	S00002	IP-1003-Kenny						1		
	4610				no			1	1	
1004	S00005							1		
	9630SIP				no			1	1	
1005	S00006							1		
	9620SIP				no			1	1	
1006	S00007							1		
	9620SIP				no			1	1	
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-AURA-CM-
MIB.txt avCmListStation
avCmListStationExtension."1000" = STRING: 1000
avCmListStationExtension."1001" = STRING: 1001
:
:
avCmListStationExtension."5384100" = STRING: 538-4100
avCmListStationType."1000" = STRING: 4620
avCmListStationType."1001" = STRING: 4620
:
:
avCmListStationType."5384100" = STRING: 6424D+
avCmListStationName."1000" = STRING: Ji Test
avCmListStationName."1001" = STRING:
:
:
```



```

avCmListStationName."5384100" = STRING: Princess Leia
avCmListStationPort."1000" = STRING: S00000
avCmListStationPort."1001" = STRING: S00001
:
:
avCmListStationPort."5384100" = STRING: 01A1302

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListStationRange

MIB group name	OID	Type
avCmListStationRange	enterprises.6889.2.73.8.1.8	Scalar/Table

Description

The avCmListStationRange MIB group displays the output of the list station xxxx count xx command. This MIB Group should be used instead of the avCmListStation MIB Group on systems with over 100 stations.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

No more than once a day or when stations are added.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListStationRange	SAT	list station xxxxx count x	STATIONS
	SAT	display station xxxxxx	STATION

Reference Document

1. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListStationRange StartExt	.1	R/W	SnmpAdminString (SIZE (0..17))	n/a	An object containing the starting Extension location. (scalar)
avCmListStationRange Count	.2	R/W	SnmpAdminString (SIZE (1..100))	n/a	An object containing the number of stations to list. (scalar)
avCmListStationRange Table	.3.1	n/a	SEQUENCE OF avCmListStationRa ngeEntry	n/a	A list of the avCmListStationRa nge entries.
avCmListStationRange Entry	.3.1.1	n/a	SEQUENCE OF avCmListStationRa ngeEntry	n/a	A avCmListStationRa nge entry containing objects of the avCmListStationRa nge information sent by the switch
avCmListStationRangel dx	.3.1.2	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each Server Alarm.
avCmListStationRange Extension	.3.1.3	R	SnmpAdminString (SIZE (0..17))	Ext	An object that contains the station extension.
STATIONS					
avCmListStationRange Name	.3.1.4	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the station type.
STATIONS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListStationRange Port	.3.1.5	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the name assigned to the station.
STATIONS					
avCmListStationRange Building	.3.1.6	R	SnmpAdminString (SIZE (0..8))	Port	An object containing the stations port assignment.
STATIONS					
avCmListStationRange Floor	.3.1.7	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the building location of the station.
STATIONS					
avCmListStationRange Room	.3.1.8	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the floor location of the station.
STATIONS					
avCmListStationRange Cable	.3.1.9	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the cable used by the station.
STATIONS					
avCmListStationRange Jack	.3.1.10	R	SnmpAdminString (SIZE (0..6))	ID	An object containing the jack used by the station.
STATIONS					

Sample output of forms

list station 0 count 100										Page 1	
STATIONS											
Ext/ Hunt-to	Port/ Type	Name/ Surv	GK	NN	Move	Room/ Data	Ext	Cv1/ Cv2	COR/ COS	Cable/ TN	Jack
1000	S00000	Ji Test							1		
	4620				no				1	1	
1001	S00001								1		
	4620				no				1	1	
1002	006V806								1		
	6424D+				no				1	1	
1003	S00002	IP-1003-Kenny							1		
	4610				no				1	1	
1004	S00005								1		
	9630SIP				no				1	1	
1005	S00006								1		
	9620SIP				no				1	1	
1006	S00007								1		
	9620SIP				no				1	1	
press CANCEL to quit -- press NEXT PAGE to continue											
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg											

```

display station 1003                                     Page 1 of 5
STATION
Extension: 1003                                           Lock Messages? n      BCC: 0
Type: 4610                                                Security Code: 12345   TN: 1
Port: S00002                                              Coverage Path 1:      COR: 1
Name: IP-1003-Kenny                                       Coverage Path 2:      COS: 1
                                                           Hunt-to Station:      Tests? y

STATION OPTIONS
Loss Group: 19                                           Time of Day Lock Table:
Personalized Ringing Pattern: 1
Message Lamp Ext: 1003
Mute Button Enabled? y
Speakerphone: 2-way
Display Language: english
Survivable GK Node Name:
Survivable COR: internal                               Media Complex Ext:
Survivable Trunk Dest? y                               IP SoftPhone? n
IP Video? n
Short/Prefixed Registration Allowed: default
Customizable Labels? y

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListStationRange
avCmListStationRangeStartExt.0 = STRING: 0
avCmListStationRangeCount.0 = INTEGER: 10
avCmListStationRangeExtension."1000" = STRING: 1000
avCmListStationRangeExtension."1001" = STRING: 1001
avCmListStationRangeExtension."1002" = STRING: 1002
avCmListStationRangeExtension."1003" = STRING: 1003
avCmListStationRangeExtension."1004" = STRING: 1004
avCmListStationRangeExtension."1005" = STRING: 1005
avCmListStationRangeExtension."1006" = STRING: 1006
avCmListStationRangeExtension."1007" = STRING: 1007
avCmListStationRangeExtension."1008" = STRING: 1008
avCmListStationRangeExtension."1009" = STRING: 1009
avCmListStationRangeType."1000" = STRING: 4620
avCmListStationRangeType."1001" = STRING: 4620
avCmListStationRangeType."1002" = STRING: 6424D+
avCmListStationRangeType."1003" = STRING: 4610
avCmListStationRangeType."1004" = STRING: 9630SIP
avCmListStationRangeType."1005" = STRING: 9620SIP
avCmListStationRangeType."1006" = STRING: 9620SIP
avCmListStationRangeType."1007" = STRING: 2500
avCmListStationRangeType."1008" = STRING: 4620
avCmListStationRangeType."1009" = STRING: 4620
avCmListStationRangeName."1000" = STRING: Ji Test
avCmListStationRangeName."1001" = STRING:
avCmListStationRangeName."1002" = STRING:
avCmListStationRangeName."1003" = STRING: IP-1003-Kenny
avCmListStationRangeName."1004" = STRING:
35
avCmListStationRangeName."1005" = STRING:
avCmListStationRangeName."1006" = STRING:
avCmListStationRangeName."1007" = STRING:
avCmListStationRangeName."1008" = STRING:
avCmListStationRangeName."1009" = STRING:
avCmListStationRangePort."1000" = STRING: S00000
avCmListStationRangePort."1001" = STRING: S00001
avCmListStationRangePort."1002" = STRING: 006V806

```

```

avCmListStationRangePort."1003" = STRING: S00002
avCmListStationRangePort."1004" = STRING: S00005
avCmListStationRangePort."1005" = STRING: S00006
avCmListStationRangePort."1006" = STRING: S00007
avCmListStationRangePort."1007" = STRING: 006V601
avCmListStationRangePort."1008" = STRING: S00008
avCmListStationRangePort."1009" = STRING: S00009
avCmListStationRangeBuilding."1000" = STRING:
avCmListStationRangeBuilding."1001" = STRING:
avCmListStationRangeBuilding."1002" = STRING:
avCmListStationRangeBuilding."1003" = STRING:
avCmListStationRangeBuilding."1004" = STRING:
avCmListStationRangeBuilding."1005" = STRING:
avCmListStationRangeBuilding."1006" = STRING:
avCmListStationRangeBuilding."1007" = STRING:
avCmListStationRangeBuilding."1008" = STRING:
avCmListStationRangeBuilding."1009" = STRING:
avCmListStationRangeFloor."1000" = STRING:
avCmListStationRangeFloor."1001" = STRING:
avCmListStationRangeFloor."1002" = STRING:
avCmListStationRangeFloor."1003" = STRING:
avCmListStationRangeFloor."1004" = STRING:
avCmListStationRangeFloor."1005" = STRING:
avCmListStationRangeFloor."1006" = STRING:
avCmListStationRangeFloor."1007" = STRING:
avCmListStationRangeFloor."1008" = STRING:
avCmListStationRangeFloor."1009" = STRING:
avCmListStationRangeRoom."1000" = STRING:
avCmListStationRangeRoom."1001" = STRING:
avCmListStationRangeRoom."1002" = STRING:
avCmListStationRangeRoom."1003" = STRING:
avCmListStationRangeRoom."1004" = STRING:
avCmListStationRangeRoom."1005" = STRING:
avCmListStationRangeRoom."1006" = STRING:
avCmListStationRangeRoom."1007" = STRING:
avCmListStationRangeRoom."1008" = STRING:
avCmListStationRangeRoom."1009" = STRING:
avCmListStationRangeCable."1000" = STRING:
avCmListStationRangeCable."1001" = STRING:
avCmListStationRangeCable."1002" = STRING:
avCmListStationRangeCable."1003" = STRING:
avCmListStationRangeCable."1004" = STRING:
avCmListStationRangeCable."1005" = STRING:
avCmListStationRangeCable."1006" = STRING:
36
avCmListStationRangeCable."1007" = STRING:
avCmListStationRangeCable."1008" = STRING:
avCmListStationRangeCable."1009" = STRING:
avCmListStationRangeJack."1000" = STRING:
avCmListStationRangeJack."1001" = STRING:
avCmListStationRangeJack."1002" = STRING:
avCmListStationRangeJack."1003" = STRING:
avCmListStationRangeJack."1004" = STRING:
avCmListStationRangeJack."1005" = STRING:
avCmListStationRangeJack."1006" = STRING:
avCmListStationRangeJack."1007" = STRING:
avCmListStationRangeJack."1008" = STRING:
avCmListStationRangeJack."1009" = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmUpdateShow

MIB group name	OID	Type
avCmUpdateShow	enterprises.6889.2.73.8.1.9	Table

Description

The avCmUpdateShow MIB Group uses the **update_show** command to retrieve the Servers Patch information.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

60 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmUpdateShow	Bash		n/a

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Command permissions or user profile

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmUpdateShowTable	.1	n/a	SEQUENCE OF avCmUpdateShowEntry	n/a	A list of the avCmUpdateShow entries.
avCmUpdateShowEntry	.1.1	n/a	avCmUpdateShowEntry	n/a	An avCmUpdateShow entry containing objects of the avCmUpdateShow information sent by the switch.
avCmUpdateShowIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..33))	n/a	An object that uniquely identifies each Update.
avCmUpdateShowID	.1.1.2	R	SnmpAdminString (SIZE (0..33))	Update ID	An object that contains the Patch ID.
avCmUpdateShowStatus	.1.1.3	R	SnmpAdminString (SIZE (0..15))	Status	An object that contains the Status of the Patch.
avCmUpdateShowType	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Type	An object that contains the Type of the Patch.
avCmUpdateShowDescription	.1.1.5	R	SnmpAdminString (SIZE (0..80))	Description	An object that contains the Description of the Patch.

Sample output of forms

```
server1> update_show
Update ID              Status      Type      Update description
-----
00.0.438.0-1234        unpacked    cold      No description given.
00.0.438.0-171717      activated   cold      171717 patch

Platform/Security ID   Status      Type      Update description
-----
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmUpdateShow
AVAYA-AURA-CM-MIB::avCmUpdateShowID."00.0.438.0-1234" = STRING: 00.0.438.0-1234
AVAYA-AURA-CM-MIB::avCmUpdateShowID."00.0.438.0-777777" = STRING: 00.0.438.0-171717
AVAYA-AURA-CM-MIB::avCmUpdateShowStatus."00.0.438.0-1234" = STRING: unpacked
AVAYA-AURA-CM-MIB::avCmUpdateShowStatus."00.0.438.0-777777" = STRING: activated
AVAYA-AURA-CM-MIB::avCmUpdateShowType."00.0.438.0-1234" = STRING: cold
AVAYA-AURA-CM-MIB::avCmUpdateShowType."00.0.438.0-777777" = STRING: cold
AVAYA-AURA-CM-MIB::avCmUpdateShowDescription."00.0.438.0-1234" = STRING: No description
```

given.

AVAYA-AURA-CM-MIB::avCmUpdateShowDescription."00.0.438.0-777777" = STRING: 171717 patch

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListTrunk Group

MIB group name	OID	Type
avCmListTrunk	enterprises 6889.2.73.8.1.10	Table

Description

The avCmListTrunk MIB Group uses the **list trunk-group** command to retrieve the systems administered trunk group information. In addition to list trunk information, some fields from the **display trunk-group** form are displayed.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

No more than once a day or when trunk administration changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListTrunk	SAT	list trunk-group	TRUNK GROUPS
	SAT	display trunk-group	TRUNK_GROUPS

Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListTrunkTable	.1	n/a	SEQUENCE OF avCmListTrunkTable	n/a	A list of the avCmListTrunk entries.
avCmListTrunkEntry	.1.1	n/a	avCmListTrunkEntry	n/a	A avCmListTrunk entry containing objects of the avCmListTrunk information sent by the switch.
avCmListTrunkIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each Trunk Group.
avCmListTrunkGrpNumber	.1.1.2	R	Integer32 (0..2000)	n/a	An object that uniquely identifies each Trunk Group.
TRUNK GROUPS					
avCmListTrunkGrpType	.1.1.3	R	SnmpAdminString (SIZE (0..14))	Board Number	List Command: Does not display this field. Display Command: Service Type
TRUNK GROUPS					
avCmListTrunkGrpName	.1.1.4	R	SnmpAdminString (SIZE (0..28))	Board Type	List Command: Does not display this field. Display Command: Comm Type
TRUNK GROUPS					
avCmListTrunkTAC	.1.1.5	R	SnmpAdminString (SIZE (0..5))	Code	List Command: Does not display this field. Display

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUPS					Command: Trunk Type
avCmListTrunkDirection	.1.1.6	R	SnmpAdminString (SIZE (0..9))	List Command: Does not display this field. Display Command: Direction	An object that contains the trunk group direction.
TRUNK GROUP					
avCmListTrunkServiceType	.1.1.7	R	SnmpAdminString (SIZE (0..16))	List Command: Does not display this field. Display Command: Service Type	An object that contains the Service Type of the Trunk Group.
TRUNK GROUP					
avCmListTrunkCommonType	.1.1.8	R	SnmpAdminString (SIZE (0..6))	List Command: Does not display this field. Display Command: Comm Type	An object that contains the Comm Type of the Trunk Group.
TRUNK GROUP					
avCmListTrunkTrunkType	.1.1.9	R	SnmpAdminString (SIZE (0..13))	List Command: Does not display this field. Display Command: Trunk Type	An object that contains the Trunk Type of the Trunk Group.
TRUNK GROUP					

Sample output of forms

list trunk-group									
Page 1									
TRUNK GROUPS									
Grp No.	TAC	Group Type	Group Name	No. Mem	TN	COR	CDR	Meas	Out Que Disp Len
1	6607	sip	OUTSIDE CALL	2	1	1	y	none	n 0
2	*02	isdn	OUTSIDE CALL	23	1	1	y	none	n 0
3	*03	isdn	OUTSIDE CALL	30	1	1	y	none	n 0
4	6004	isdn	OUTSIDE CALL	4	1	1	y	none	n 0
5	*05	isdn	OUTSIDE CALL	23	1	1	y	none	n 0
15	*15	isdn	OUTSIDE CALL	4	1	1	y	none	n 0
97	*97	sip	OUTSIDE CALL	4	1	1	y	none	n 0
200	6200	isdn	OUTSIDE CALL	4	1	1	y	none	n 0
201	6201	isdn	OUTSIDE CALL	4	1	1	y	none	y 0
202	6202	isdn	OUTSIDE CALL	4	1	1	y	none	n 0
300	*30	isdn	OUTSIDE CALL	0	1	1	y	none	n 0
352	6352	sip	OUTSIDE CALL	4	1	1	y	none	n 0
353	6353	sip	OUTSIDE CALL	4	1	1	y	none	n 10
354	6354	sip	OUTSIDE CALL	4	1	1	y	none	n 0
press CANCEL to quit -- press NEXT PAGE to continue									
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg									

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmListTrunk
avCmListTrunkGrpNumber.1 = INTEGER: 1
```

```

avCmListTrunkGrpNumber.2 = INTEGER: 2
:
:
avCmListTrunkGrpNumber.605 = INTEGER: 605
avCmListTrunkGrpType.1 = STRING: sip
avCmListTrunkGrpType.2 = STRING: isdn
:
:
avCmListTrunkGrpType.605 = STRING: isdn
avCmListTrunkGrpName.1 = STRING: OUTSIDE CALL
avCmListTrunkGrpName.2 = STRING: OUTSIDE CALL
:
:
avCmListTrunkGrpName.605 = STRING: OUTSIDE CALL
avCmListTrunkTAC.1 = STRING: 6607
avCmListTrunkTAC.2 = STRING: *02
:
:
avCmListTrunkTAC.605 = STRING: 6605
avCmListTrunkDirection.1 = STRING: two-way
avCmListTrunkDirection.2 = STRING: two-way
:
:
avCmListTrunkDirection.605 = STRING: two-way
avCmListTrunkServiceType.1 = STRING: tie
avCmListTrunkServiceType.2 = STRING: public-ntwrk
44
:
:
avCmListTrunkServiceType.605 = STRING: tie
avCmListTrunkCommType.1 = STRING: voice
avCmListTrunkCommType.2 = STRING: voice
:
:
avCmListTrunkCommType.605 = STRING: voice
avCmListTrunkTrunkType.1 = STRING: immed/immed
avCmListTrunkTrunkType.2 = STRING: immed/immed
:
:
avCmListTrunkTrunkType.605 = STRING: immed/immed

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListTrunkRange

MIB group name	OID	Type
avCmListTrunkRange	enterprises.6889.2.73.8.1.8	Scalar/Table

Description

The avCmListTrunkRange MIB group displays the output of the list trunk xxxx count xx command. This MIB Group should be used instead of the avCmListTrunk MIB Group on systems with over 100 trunks.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

No more than once a day or when stations are added.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListTrunkRange	SAT	list trunk xxxxx count x	TRUNK GROUPS
	SAT	display trunk xxxxx	TRUNK GROUPS

Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListTrunkRangeStartGrp	.1	R/W	Integer32 (0..2000)	n/a	An object containing the starting trunk group. (scalar)

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListTrunkRangeCount	.2	R/W	Integer32 (1..100)	n/a	An object containing the number of trunks to list. (scalar)
avCmListTrunkRangeTable	.3	n/a	SEQUENCE OF avCmListStationRangeEntry	n/a	A list of the avCmListTrunkRange entries.
avCmListStationRangeEntry	.3.1	n/a	avCmListStationRangeEntry	n/a	An avCmListTrunkRange entry containing objects of the avCmListTrunkRange information sent by the switch.
avCmListTrunkRangeIdx	.3.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each Server Alarm.
avCmListTrunkRangeGrpNumber	.3.1.2	R	Integer32 (0..2000)	List Command: Grp No Display Command: Group Number	An object that uniquely identifies each Trunk Group.
TRUNK GROUPS					
avCmListTrunkRangeTAC	.3.1.3	R	SnmpAdminString (SIZE (0..17))	TAC	An object that contains the Access Code for the Trunk Group.
TRUNK GROUPS					
avCmListTrunkRangeGrpType	.3.1.4	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the trunk group type.
TRUNK GROUPS					
avCmListTrunkRangeGrpName	.3.1.5	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the name assigned to the trunk.
TRUNK GROUPS					
avCmListTrunkRangeGrpNoMem	.3.1.6	R	Integer32 (0..255)	No. Mem	An object containing the trunk group number of ports assigned.
TRUNK GROUPS					
avCmListTrunkRangeSigGrp	.3.1.7	R	Integer32 (0..999)	Signaling Group	An object containing the signaling group of the sip trunk group.
TRUNK GROUPS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListTrunkRangeGroupSigType	.3.1.8	R	SnmpAdminString (SIZE (0..8))	Trunk Signaling Type	An object containing the Trunk Signaling Type of the trunk group.
TRUNK GROUPS					
avCmListTrunkRangeDirection	.3.1.9	R	SnmpAdminString (SIZE (0..9))	Direction	An object containing the Direction of the trunk group.
TRUNK GROUPS					
avCmListTrunkRangeServiceType	.3.1.10	R	SnmpAdminString (SIZE (0..17))	List Command: Does not display this field. Display Command: Service Type	An object that contains the Service Type of the Trunk Group.
TRUNK GROUP					
avCmListTrunkRangeCommType	.3.1.11	R	SnmpAdminString (SIZE (0..6))	List Command: Does not display this field. Display Command: Comm Type	An object that contains the Comm Type of the Trunk Group.
TRUNK GROUP					
avCmListTrunkRangeTrunkType	.3.1.12	R	SnmpAdminString (SIZE (0..14))	List Command: Does not display this field. Display Command: Trunk Type	An object that contains the Trunk Type of the Trunk Group.
TRUNK GROUP					
avCmListTrunkRangeMemberAssignMeth	.3.1.13	R	SnmpAdminString (SIZE (0..7))	List Command: Does not display this field. Display Command: Member Assignment Method	An object that contains the Member Assignment Method of the Trunk Group.
TRUNK GROUP					
avCmListTrunkRangeCarrierMedium	.3.1.14	R	SnmpAdminString (SIZE (0..8))	List Command: Does not display this field. Display Command: Carrier Medium	An object that contains the Carrier Medium of the Trunk Group.
TRUNK GROUP					

Sample output of forms

list trunk-group 1 count 100											Page 1	
TRUNK GROUPS												
Grp No.	TAC	Group Type	Group Name		No. Mem	TN	COR	CDR	Meas	Out Dsp	Que Len	
2	*02	isdn	OUTSIDE CALL		23	1	1	y	none	n	0	
3	*03	isdn	OUTSIDE CALL		30	1	1	y	none	n	0	
4	6004	isdn	OUTSIDE CALL		4	1	1	y	none	n	0	
5	*05	isdn	OUTSIDE CALL		23	1	1	y	none	n	0	
15	*15	isdn	OUTSIDE CALL		4	1	1	y	none	n	0	
97	*97	sip	OUTSIDE CALL		4	1	1	y	none	n	0	
200	6200	isdn	OUTSIDE CALL		4	1	1	y	none	n	0	
201	6201	isdn	OUTSIDE CALL		4	1	1	y	none	y	0	
202	6202	isdn	OUTSIDE CALL		4	1	1	y	none	n	0	
300	*30	isdn	OUTSIDE CALL		0	1	1	y	none	n	0	
352	6352	sip	OUTSIDE CALL		4	1	1	y	none	n	0	
353	6353	sip	OUTSIDE CALL		4	1	1	y	none	n	10	
354	6354	sip	OUTSIDE CALL		4	1	1	y	none	n	0	
401	6401	sip	OUTSIDE CALL		255	1	1	y	none	n	0	
press CANCEL to quit -- press NEXT PAGE to continue												
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg												

display trunk-group 2											Page 1 of 21	
TRUNK GROUP												
Group Number: 2		Group Type: isdn		CDR Reports: y								
Group Name: OUTSIDE CALL		COR: 1		TN: 1		TAC: *02						
Direction: two-way		Outgoing Display? n		Carrier Medium: PRI/BRI								
Dial Access? y		Busy Threshold: 255		Night Service:								
Queue Length: 0												
Service Type: public-ntwrk		Auth Code? n		TestCall ITC: rest								
		Far End Test Line No:										
TestCall BCC: 4												

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListTrunkRange
avCmListTrunkRangeStartGrp.0 = INTEGER: 1
avCmListTrunkRangeCount.0 = INTEGER: 10
avCmListTrunkRangeGrpNumber.2 = INTEGER: 2
avCmListTrunkRangeGrpNumber.3 = INTEGER: 3
avCmListTrunkRangeGrpNumber.4 = INTEGER: 4
avCmListTrunkRangeGrpNumber.5 = INTEGER: 5
avCmListTrunkRangeGrpNumber.15 = INTEGER: 15
avCmListTrunkRangeGrpNumber.97 = INTEGER: 97
avCmListTrunkRangeGrpNumber.200 = INTEGER: 200
avCmListTrunkRangeGrpNumber.201 = INTEGER: 201
avCmListTrunkRangeGrpNumber.202 = INTEGER: 202
```

```

avCmListTrunkRangeGrpNumber.300 = INTEGER: 300
avCmListTrunkRangeTAC.2 = STRING: *02
avCmListTrunkRangeTAC.3 = STRING: *03
avCmListTrunkRangeTAC.4 = STRING: 6004
avCmListTrunkRangeTAC.5 = STRING: *05
avCmListTrunkRangeTAC.15 = STRING: *15
avCmListTrunkRangeTAC.97 = STRING: *97
avCmListTrunkRangeTAC.200 = STRING: 6200
avCmListTrunkRangeTAC.201 = STRING: 6201
avCmListTrunkRangeTAC.202 = STRING: 6202
avCmListTrunkRangeTAC.300 = STRING: *30
avCmListTrunkRangeGrpType.2 = STRING: isdn
avCmListTrunkRangeGrpType.3 = STRING: isdn
avCmListTrunkRangeGrpType.4 = STRING: isdn
avCmListTrunkRangeGrpType.5 = STRING: isdn
avCmListTrunkRangeGrpType.15 = STRING: isdn
avCmListTrunkRangeGrpType.97 = STRING: sip
avCmListTrunkRangeGrpType.200 = STRING: isdn
avCmListTrunkRangeGrpType.201 = STRING: isdn
avCmListTrunkRangeGrpType.202 = STRING: isdn
avCmListTrunkRangeGrpType.300 = STRING: isdn
avCmListTrunkRangeGrpName.2 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.3 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.4 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.5 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.15 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.97 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.200 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.201 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.202 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.300 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpNoMem.2 = INTEGER: 23
avCmListTrunkRangeGrpNoMem.3 = INTEGER: 30
avCmListTrunkRangeGrpNoMem.4 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.5 = INTEGER: 23
avCmListTrunkRangeGrpNoMem.15 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.97 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.200 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.201 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.202 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.300 = INTEGER: 0
avCmListTrunkRangeSigGrp.2 = INTEGER: 0
avCmListTrunkRangeSigGrp.3 = INTEGER: 0
avCmListTrunkRangeSigGrp.4 = INTEGER: 0
avCmListTrunkRangeSigGrp.5 = INTEGER: 0
avCmListTrunkRangeSigGrp.15 = INTEGER: 0
avCmListTrunkRangeSigGrp.97 = INTEGER: 97
avCmListTrunkRangeSigGrp.200 = INTEGER: 200
avCmListTrunkRangeSigGrp.201 = INTEGER: 201
avCmListTrunkRangeSigGrp.202 = INTEGER: 202
avCmListTrunkRangeSigGrp.300 = INTEGER: 0
avCmListTrunkRangeGrpSigType.2 = STRING:
avCmListTrunkRangeGrpSigType.3 = STRING:
avCmListTrunkRangeGrpSigType.4 = STRING:
avCmListTrunkRangeGrpSigType.5 = STRING:
avCmListTrunkRangeGrpSigType.15 = STRING:
avCmListTrunkRangeGrpSigType.97 = STRING:
avCmListTrunkRangeGrpSigType.200 = STRING:
avCmListTrunkRangeGrpSigType.201 = STRING:
avCmListTrunkRangeGrpSigType.202 = STRING:
avCmListTrunkRangeGrpSigType.300 = STRING:
avCmListTrunkRangeDirection.2 = STRING: two-way
avCmListTrunkRangeDirection.3 = STRING: two-way
avCmListTrunkRangeDirection.4 = STRING: two-way
avCmListTrunkRangeDirection.5 = STRING: two-way

```



```

avCmListTrunkRangeDirection.15 = STRING: two-way
avCmListTrunkRangeDirection.97 = STRING: two-way
avCmListTrunkRangeDirection.200 = STRING: two-way
avCmListTrunkRangeDirection.201 = STRING: two-way
avCmListTrunkRangeDirection.202 = STRING: two-way
avCmListTrunkRangeDirection.300 = STRING: two-way
avCmListTrunkRangeServiceType.2 = STRING: public-ntwrk
avCmListTrunkRangeServiceType.3 = STRING: tie
avCmListTrunkRangeServiceType.4 = STRING: tie
avCmListTrunkRangeServiceType.5 = STRING: tie
avCmListTrunkRangeServiceType.15 = STRING: tie
avCmListTrunkRangeServiceType.97 = STRING: tie
avCmListTrunkRangeServiceType.200 = STRING: tie
avCmListTrunkRangeServiceType.201 = STRING: tie
avCmListTrunkRangeServiceType.202 = STRING: tie
avCmListTrunkRangeServiceType.300 = STRING: tie
avCmListTrunkRangeCommType.2 = STRING: voice
avCmListTrunkRangeCommType.3 = STRING: voice
avCmListTrunkRangeCommType.4 = STRING: voice
avCmListTrunkRangeCommType.5 = STRING: voice
avCmListTrunkRangeCommType.15 = STRING: voice
avCmListTrunkRangeCommType.97 = STRING: voice
avCmListTrunkRangeCommType.200 = STRING: voice
avCmListTrunkRangeCommType.201 = STRING: voice
avCmListTrunkRangeCommType.202 = STRING: voice
avCmListTrunkRangeCommType.300 = STRING: voice
avCmListTrunkRangeTrunkType.2 = STRING: immed/immed
avCmListTrunkRangeTrunkType.3 = STRING: immed/immed
avCmListTrunkRangeTrunkType.4 = STRING: immed/immed
avCmListTrunkRangeTrunkType.5 = STRING: immed/immed
avCmListTrunkRangeTrunkType.15 = STRING: immed/immed
avCmListTrunkRangeTrunkType.97 = STRING: immed/immed
avCmListTrunkRangeTrunkType.200 = STRING: immed/immed
avCmListTrunkRangeTrunkType.201 = STRING: immed/immed
avCmListTrunkRangeTrunkType.202 = STRING: immed/immed
avCmListTrunkRangeTrunkType.300 = STRING: immed/immed
avCmListTrunkRangeMemAssignMeth.2 = STRING: manual
avCmListTrunkRangeMemAssignMeth.3 = STRING: manual
avCmListTrunkRangeMemAssignMeth.4 = STRING: manual
avCmListTrunkRangeMemAssignMeth.5 = STRING: manual
avCmListTrunkRangeMemAssignMeth.15 = STRING: manual
avCmListTrunkRangeMemAssignMeth.97 = STRING: auto
avCmListTrunkRangeMemAssignMeth.200 = STRING: auto
avCmListTrunkRangeMemAssignMeth.201 = STRING: auto
avCmListTrunkRangeMemAssignMeth.202 = STRING: auto
avCmListTrunkRangeMemAssignMeth.300 = STRING: manual
avCmListTrunkRangeCarMedium.2 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.3 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.4 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.5 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.15 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.97 = STRING: H.323
avCmListTrunkRangeCarMedium.200 = STRING: H.323
avCmListTrunkRangeCarMedium.201 = STRING: H.323
avCmListTrunkRangeCarMedium.202 = STRING: H.323
avCmListTrunkRangeCarMedium.300 = STRING: PRI/BRI

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityAsai

MIB group name	OID	Type
avCmCapacityAsai	enterprises 6889.2.73.8.1.12	Scalar

Description

The avCmCapacityAsai MIB Group uses the **display capacity** command to retrieve the ASAI capacity information under the ADJUNCT SWITCH APPLICATION INTERFACE (ASAI) section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityAsai	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityAsaiActCtrlAsscUse	.1	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the number of Used Controlling Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiActCtrlAsscAvail	.2	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the number of available active Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiActCtrlAsscSysLim	.3	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the System Limit of Active Controlling Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiNotifiReqUsed	.4	n/a	Integer32 (0..99999)	Notification Requests Used	An object that contains the number of Used Notification Requests.
SYSTEM CAPACITY					
avCmCapacityAsaiNotifiReqAvail	.5	R	Integer32 (0..99999)	Notification Requests	An object that contains the number of Available Notification Requests.
SYSTEM CAPACITY					
avCmCapacityAsaiNotifiReqSysLim	.6	R	Integer32 (0..99999)	Notification Requests	An object that contains the system limit of Notification Requests.
SYSTEM CAPACITY					
avCmCapacityAsaiSimActAdjCtrlCallUsed	.7	R	Integer32 (0..99999)	Simultaneous Active Adjunct Controlled Calls	An object that contains the number of Used Simultaneous Active Adjunct Controlled Calls.
SYSTEM CAPACITY					
avCmCapacityAsaiSimActAdjCtrlCallAvail	.8	R	Integer32 (0..99999)	Simultaneous Active Adjunct Controlled Calls	An object that contains the number of available Simultaneous Active Adjunct Controlled Calls.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityAsaiSimActAdjCtrlCallSysLim	.9	R	Integer32 (0..99999)	Notification Requests	An object that contains the System Limit of Simultaneous Active Adjunct Controlled Calls.

Sample output of forms

display capacity

Page 1 of 14

SYSTEM CAPACITY

Current System Memory Configuration: Large

	Used	Available	System Limit
AAR/ARS			
AAR/ARS Patterns:	0	2000	2000
Inserted Digit Strings:	0	3000	3000
AAR/ARS Analysis Entries:	143	15857	16000
AAR/ARS Conversion Entries:	4	11996	12000
Toll Analysis Entries:	104	1896	2000
Digit Nodes (contributes to Percent Full):	13	11987	12000
Short Digit Nodes (contributes to Percent Full):	51	23949	24000
ABBREVIATED DIALING (AD)			
AD Entries Per System:	0	250000	250000
AD Personal Lists Per System:	0	20000	20000
ADJUNCT SWITCH APPLICATION INTERFACE (ASAI)			
Active Controlling Associations:	0	32000	32000
Notification Requests:	0	30000	30000
Simultaneous Active Adjunct Controlled Calls:	0	16000	16000

Sample Output of SNMP Walk command:

```
xerver1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityAsai
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscAvail.0 = INTEGER: 32000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscSysLim.0 = INTEGER: 32000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqAvail.0 = INTEGER: 30000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqSysLim.0 = INTEGER: 30000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallAvail.0 = INTEGER: 16000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallSysLim.0 = INTEGER: 16000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityBcms

MIB group name	OID	Type
avCmCapacityBcms	enterprises.688.2.73.8.1.13	Scalar

Description

The avCmCapacityBcms MIB Group uses the **display capacity** command to retrieve the Bcms capacity information under the BASIC CALL MANAGEMENT SYSTEM (BCMS) section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityBcms	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityBcmsMeasAgentsUsed	.1	R	Integer32 (0..99999)	BCMS Measured Agents	An object that contains the number of BCMS Measured Agents.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityBcmsMeasAgentAvail	.2	R	Integer32 (0..99999)	BCMS Measured Agents	An object that contains the number of Available BCMS Measured Agents.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcidMemAvail	.3	R	Integer32 (0..99999)	BCMS Measured Agents	An object that contains the System L of Available BCMS Measured Agents.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcidMemAvail	.4	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the number of used BCMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcidMemAvail	.5	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the number of available BCMS Measured ACD Members.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcidMemAvail	.6	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the system limit of available BCMS Measured ACD Members.
SYSTEM CAPACITY					
avCapacityBcmsMeasSplitSkillUsed	.7	R	Integer32 (0..99999)	BCMS Measured Splits/Skills	An object that contains the number of Used BCMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasSplitSkillAvail	.8	R	Integer32 (0..99999)	BCMS Measured Splits/Skills	An object that contains the number of available BCMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasSplitSkillAvail	.9	R	Integer32 (0..99999)	CMS Measured Splits/Skills	An object that contains the number of available CMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasVdnUsed	.10	R	Integer32 (0..99999)	BCMS Measured VDNs	An object that contains the number of used BCMS Measured VDNs.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityBcmsMeasVdnAvail	.11	R	Integer32 (0..99999)	BCMS Measured VDNs	An object that contains the number of available BCMS Measured VDNs.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasVdnSysLim	.12	R	Integer32 (0..99999)	BCMS Measured VDNs	An object that contains the system limit of BCMS Measured VDNs.
SYSTEM CAPACITY					

Sample output of forms

display capacity		Page 2 of 14	
SYSTEM CAPACITY			
	Used	Available	System Limit

ATTENDANT SERVICE			
Attendant Positions:	0	414	414
Queue Length:	0	4435	4435
Queue/Call Status Buttons:	0	32764	32764+
Authorization Codes:	0	90000	90000
BASIC CALL MANAGEMENT SYSTEM (BCMS)			
BCMS Measured Agents:	0	3000	3000
BCMS Measured ACD Members:	0	40000	40000
BCMS Measured Splits/Skills:	0	600	600
BCMS Measured VDNs:	0	512	512
*+ Limit combined with Facility Busy Indicators			

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public 192.0.2.0 t -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityBcms
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsAvail.0 = INTEGER: 3000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsSysLim.0 = INTEGER: 3000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcidMemUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcidMemAvail.0 = INTEGER: 40000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcidMemSysLim.0 = INTEGER: 40000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilAvail.0 = INTEGER: 600
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilSysLim.0 = INTEGER: 600
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnAvail.0 = INTEGER: 512
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnSysLim.0 = INTEGER: 512
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityCallVec

MIB group name	OID	Type
avCmCapacityCallVec	enterprises.6889.2.73.8.1.14	Scalar

Description

The avCmCapacityCallVec MIB Group uses the **display capacity** command to retrieve the CALL VECTORING capacity information under the CALL VECTORING/CALL PROMPTING section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityCallVec	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityCallVecTotalVdnUsed	.1	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the number of used total Vector Directory Numbers.
SYSTEM CAPACITY					
Total Vector Directory Numbers	.2	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the number of available total Vector Directory Numbers.
SYSTEM CAPACITY					
avCmCapacityCallVecTotalVdnSysLim	.3	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the system limit of available total Vector Directory Numbers.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnUsed	.4	R	Integer32 (0..99999)	Meet-me Conference VDNs per system	An object that contains the number of used Meet-me Conference VDNs per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnAvail	.5	R	Integer32 (0..99999)	Meet-me Conference VDNs per system	An object that contains the number of available Meet-me Conference VDNs per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnSysLim	.6	R	Integer32 (0..99999)	Meet-me Conference VDNs per system	An object that contains the system limit of Meet-me Conference VDNs per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMaxExpMeetMePtsUsed	.7	R	Integer32 (0..99999)	Maximum Number of Expanded Meet-me Conf. Ports	An object that contains the number of used maximum number of Expanded Meet-me Conference ports.
SYSTEM CAPACITY					
avCmCapacityCallVecMaxExpMeetMePtsAvail	.8	R	Integer32 (0..99999)	Maximum Number of Expanded Meet-me Conf. Ports	An object that contains the number of available

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					maximum number of Expanded Meet-me Conference ports.
avCmCapacityCallVecMaxExpMeetMePtsSysLim	.9	R	Integer32 (0..99999)	Maximum Number of Expanded Meet-me Conf. Ports	An object that contains the system limits of maximum number of Expanded Meet-me Conference ports.
SYSTEM CAPACITY					
avCmCapacityCallVecTotalVectorsUsed	.10	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the number of used total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecTotalVectorsAvail	.11	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the number of available total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecTotalVectorsSysLim	.12	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the system limit of used total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVectorsUsed	.13	R	Integer32 (0..99999)	Meet-me Conference vectors per system	An object that contains the number of used meet-me conference vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVectorsAvail	.14	R	Integer32 (0..99999)	Meet-me Conference vectors per system	An object that contains the number of available meet-me conference vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVectorsSysLim	.15	R	Integer32 (0..99999)	Meet-me Conference vectors per system	An object that contains the system limit of meet-me conference vectors per system.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityCallVec BsrAppLocPairsUsed	.16	R	Integer32 (0..99999)	BSR Application- Location Pairs Per System	An object that contains the number of used maximum BSR application-location pairs per system.
SYSTEM CAPACITY					
avCmCapacityCallVec BsrAppLocPairsAvail	.17	R	Integer32 (0..99999)	BSR Application- Location Pairs Per System	An object that contains the number of available maximum BSR application-location pairs per system.
SYSTEM CAPACITY					
avCmCapacityCallVec BsrAppLocPairsSysLim	.18	R	Integer32 (0..99999)	BSR Application- Location Pairs Per System	An object that contains the system limit of BSR application-location pairs per system.
SYSTEM CAPACITY					
avCmCapacityCallVec BkgrdBsrPollVdnUsed	.19	R	Integer32 (0..99999)	Background BSR Poll VDNs	An object that contains the number of used background BSR Poll VDNs.
SYSTEM CAPACITY					
avCmCapacityCallVec BkgrdBsrPollVdnAvail	.20	R	Integer32 (0..99999)	Background BSR Poll VDNs	An object that contains the number of available background BSR Poll VDNs. .
SYSTEM CAPACITY					
avCmCapacityCallVec BkgrdBsrPollVdnSysLim	.21	R	Integer32 (0..99999)	Background BSR Poll VDNs	An object that contains the system limit of background BSR Poll VDNs.
SYSTEM CAPACITY					
avCmCapacityCallVec VecComStepsUsed	.22	R	Integer32 (0..99999)	Vector Comment Steps (non-blank)	An object that contains the number of used vector comment steps.
SYSTEM CAPACITY					
avCmCapacityCallVec VecComStepsAvail	.23	R	Integer32 (0..99999)	Vector Comment Steps (non-blank)	An object that contains the number of available vector comment steps.
SYSTEM CAPACITY					
avCmCapacityCallVec VecComStepsSysLim	.24	R	Integer32 (0..99999)	Vector Comment Steps (non-blank)	An object that contains the system

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					limit of vector comment steps.
avCmCapacityCallVec PolicyRoutTblUsed	.25	R	Integer32 (0..99999)	Policy Routing Tables	An object that contains the number of used policy routing tables.
SYSTEM CAPACITY					
avCmCapacityCallVec PolicyRoutTblAvail	.26	R	Integer32 (0..99999)	Policy Routing Tables	An object that contains the number of available policy routing tables.
SYSTEM CAPACITY					
avCmCapacityCallVec PolicyRoutTblSysLim	.27	R	Integer32 (0..99999)	Policy Routing Tables	An object that contains the system limit of policy routing tables.
SYSTEM CAPACITY					
avCmCapacityCallVec PolicyRoutPtsUsed	.28	R	Integer32 (0..99999)	Policy Routing Points	An object that contains the number of used policy routing points.
SYSTEM CAPACITY					
avCmCapacityCallVec PolicyRoutPtsAvail	.29	R	Integer32 (0..99999)	Policy Routing Points	An object that contains the number of available policy routing points.
SYSTEM CAPACITY					
avCmCapacityCallVec PolicyRoutPtsSysLim	.30	R	Integer32 (0..99999)	Policy Routing Points	An object that contains the system limit of policy routing points.
SYSTEM CAPACITY					

Sample output of forms

display capacity		Page 3 of 14	
SYSTEM CAPACITY			
	Used	Available	System Limit
CALL COVERAGE			
Coverage Answer Groups:	0	1500	1500
Coverage Answer Group Members:	0	33000	33000
Coverage Paths:	2	9997	9999
Call Pickup Groups:	0	5000	5000
Call Records:	-	-	15424
CALL VECTORING/CALL PROMPTING			
Total Vector Directory Numbers:	1	29999	30000
Meet-me Conference VDNs per system:	0	1800	1800
Maximum Number of Expanded Meet-me Conf. Ports:	0	300	300
Total Vectors Per System:	0	8000	8000
Meet-me Conference vectors per system:	0	999	999
BSR Application-Location Pairs Per System:	0	2560	2560
Background BSR Poll VDNs:	0	5	5
Vector Comment Steps (non-blank):	0	40000	40000
Policy Routing Tables:	0	8000	8000
Policy Routing Points:	0	24000	24000

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmCapacityCallVec
avCmCapacityCallVecTotalVdnUsed.0 = INTEGER: 1
avCmCapacityCallVecTotalVdnAvail.0 = INTEGER: 29999
avCmCapacityCallVecTotalVdnSysLim.0 = INTEGER: 30000
avCmCapacityCallVecMeetMeVdnUsed.0 = INTEGER: 0
avCmCapacityCallVecMeetMeVdnAvail.0 = INTEGER: 1800
avCmCapacityCallVecMeetMeVdnSysLim.0 = INTEGER: 1800
avCmCapacityCallVecMaxExpMeetMePtsUsed.0 = INTEGER: 0
avCmCapacityCallVecMaxExpMeetMePtsAvail.0 = INTEGER: 300
avCmCapacityCallVecMaxExpMeetMePtsSysLim.0 = INTEGER: 300
avCmCapacityCallVecTotalVectorsUsed.0 = INTEGER: 0
64
avCmCapacityCallVecTotalVectorsAvail.0 = INTEGER: 8000
avCmCapacityCallVecTotalVectorsSysLim.0 = INTEGER: 8000
avCmCapacityCallVecMeetMeVectorsUsed.0 = INTEGER: 0
avCmCapacityCallVecMeetMeVectorsAvail.0 = INTEGER: 999
avCmCapacityCallVecMeetMeVectorsSysLim.0 = INTEGER: 999
avCmCapacityCallVecBsrAppLocPairsUsed.0 = INTEGER: 0
avCmCapacityCallVecBsrAppLocPairsAvail.0 = INTEGER: 2560
avCmCapacityCallVecBsrAppLocPairsSysLim.0 = INTEGER: 2560
avCmCapacityCallVecBkgrdBsrPollVdnUsed.0 = INTEGER: 0
avCmCapacityCallVecBkgrdBsrPollVdnAvail.0 = INTEGER: 5
avCmCapacityCallVecBkgrdBsrPollVdnSysLim.0 = INTEGER: 5
avCmCapacityCallVecVecComStepsUsed.0 = INTEGER: 0
avCmCapacityCallVecVecComStepsAvail.0 = INTEGER: 40000
avCmCapacityCallVecVecComStepsSysLim.0 = INTEGER: 40000
avCmCapacityCallVecPolicyRoutTblUsed.0 = INTEGER: 0
avCmCapacityCallVecPolicyRoutTblAvail.0 = INTEGER: 8000
avCmCapacityCallVecPolicyRoutTblSysLim.0 = INTEGER: 8000
avCmCapacityCallVecPolicyRoutPtsUsed.0 = INTEGER: 0
avCmCapacityCallVecPolicyRoutPtsAvail.0 = INTEGER: 24000
avCmCapacityCallVecPolicyRoutPtsSysLim.0 = INTEGER: 24000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityDialPlan

MIB group name	OID	Type
avCmCapacityDialPlan	enterprises.688.,2..73..8.1.13	Scalar

Description

The avCmCapacityDialPlan MIB Group uses the **display capacity** command to retrieve the DIAL PLAN capacity information under the DIAL PLAN section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityDialPlan	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityDialPlan ExtUsed	.1	R	Integer32 (0..99999)	Extensions	An object that contains the number of used extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan ExtAvail	.2	R	Integer32 (0..99999)	Extensions	An object that contains the number of available extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan ExtSysLim	.3	R	Integer32 (0..99999)	Extensions	An object that contains the system limit of extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtUsed	.4	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the number of used miscellaneous extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtAvail	.5	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the number of available miscellaneous extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtSysLim	.6	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the system limit of miscellaneous extensions.
SYSTEM CAPACITY					

Sample output of forms

```
display capacity
```

Page 4 of 14

SYSTEM CAPACITY			
	Used	Available	System Limit

DATA PARAMETERS			
Administered Connections:	0	128	128
Alphanumeric Dialing Entries:	0	1250	1250
DIAL PLAN			
Extensions:	52	63948	64000
Miscellaneous Extensions:	23	32485	32508
Calltype Analysis Entries:	0	16000	16000
UDP Extension Records:	0	80000	80000
UDP Digit Nodes:	0	40000	40000
UDP Short Digit Nodes:	1	199999	200000
Digital Data Endpoints:	2	7498	7500
Expansion Port Networks:	3	61	64
Facility Busy Indicators:	0	32764	32764+
~+~ Limit combined with Queue/Call Status Buttons			

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityDialPlan
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtUsed.0 = INTEGER: 52
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtAvail.0 = INTEGER: 63948
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtSysLim.0 = INTEGER: 64000
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtUsed.0 = INTEGER: 23
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtAvail.0 = INTEGER: 32485
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtSysLim.0 = INTEGER: 32508
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListHuntGrp

MIB group name	OID	Type
avCmListHuntGrp	enterprises.6889.2.73.8.1.16	Scalar

Description

The avCmListHuntGrp MIB Group uses the **display capacity** command to retrieve the HUNT GROUPS capacity information under the HUNT GROUPS, SPLITS, OR SKILLS section of SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListHuntGrp	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityHuntGrp sSpSkUsed	.1	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the number of used Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sSpSkAvail	.2	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the number of available Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sSpSkSysLim	.3	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the system limit of Groups/Splits/Skills.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityHuntGrpsAdmLogAgtUsed	.4	R	Integer32 (0..99999)	Administered Logical Agents	An object that contains the number of used administered logical agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsAdmLogAgtAvail	.5	R	Integer32 (0..99999)	Administered Logical Agents	An object that contains the number of available administered logical agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsAdmLogAgtSysLim	.6	R	Integer32 (0..99999)	Administered Logical Agents	An object that contains the system limit of administered logical agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsAdmLogAgtSkPrUsed	.7	R	Integer32 (0..99999)	Administered Logical Agent-Skill Pairs	An object that contains the number of used administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsAdmLogAgtSkPrAvail	.8	R	Integer32 (0..99999)	Administered Logical Agent-Skill Pairs	An object that contains the number of available administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsAdmLogAgtSkPrSysLim	.9	R	Integer32 (0..99999)	Administered Logical Agent-Skill Pairs	An object that contains the system limit of administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsLogAcdAgtUsed	.10	R	Integer32 (0..99999)	Logged-In ACD Agents	An object that contains the number of used logged-in ACD agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsLogAcdAgtUsed	.11	R	Integer32 (0..99999)	Logged-In ACD Agents	An object that contains the number of available logged-in ACD agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsLogAcdAgtUsed	.12	R	Integer32 (0..99999)	Logged-In ACD Agents	An object that contains the system limit of logged-in ACD agents.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityHuntGrp sLogAdvocAgtUsed	.13	R	Integer32 (0..99999)	Logged-In Advocate Agents	An object that contains the number of used logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogAdvocAgtAvail	.14	R	Integer32 (0..99999)	Logged-In Advocate Agents	An object that contains the number of available logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogAdvocAgtSysLim	.15	R	Integer32 (0..99999)	Logged-In Advocate Agents	An object that contains the system limit of logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogIPSoftAgtUsed	.16	R	Integer32 (0..99999)	Logged-In IP Softphone Agents	An object that contains the number of used logged-in softphone agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogIPSoftAgtAvail	.17	R	Integer32 (0..99999)	Logged-In IP Softphone Agents	An object that contains the number of available logged-in softphone agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogIPSoftAgtSysLim	.18	R	Integer32 (0..99999)	Logged-In IP Softphone Agents	An object that contains the number of used logged-in SIP EAS agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogSipEasAgtUsed	.19	R	Integer32 (0..99999)	Logged-In SIP EAS Agents	An object that contains the number of used background BSR Poll VDNs.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogSipEasAgtAvail	.20	R	Integer32 (0..99999)	Logged-In SIP EAS Agents	An object that contains the number of available logged-in SIP EAS agents.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sLogSipEasAgtSysLim	.21	R	Integer32 (0..99999)	Logged-In SIP EAS Agents	An object that contains the number of available logged-in SIP EAS agents.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityHuntGrpsGrpsMemPerSysUsed	.22	R	Integer32 (0..99999)	Group Members Per System	An object that contains the number of used vector comment steps.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsGrpsMemPerSysAvail	.23	R	Integer32 (0..99999)	Group Members Per System	An object that contains the number of used group members per system.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsGrpsMemPerSysSysLim	.24	R	Integer32 (0..99999)	Group Members Per System	An object that contains the system limit of group members per system.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsCmsMeasAcdMemUsed	.25	R	Integer32 (0..99999)	CMS Measured ACD Members	An object that contains the number of used CMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsCmsMeasAcdMemAvail	.26	R	Integer32 (0..99999)	CMS Measured ACD Members	An object that contains the number of CMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityHuntGrpsCmsMeasAcdMemSysLim	.27	R	Integer32 (0..99999)	CMS Measured ACD Members	An object that contains the system limit of CMS Measured ACD members.
SYSTEM CAPACITY					

Sample output of forms

display capacity		Page 5 of 14	
SYSTEM CAPACITY			
	Used	Available	System Limit

HUNT GROUPS, SPLITS, OR SKILLS			
Groups/Splits/Skills:	1	7999	8000
Administered Logical Agents:	0	30000	30000
Administered Logical Agent-Skill Pairs:	0	999999	999999
Logged-In ACD Agents:	0	10000	10000
Logged-In Advocate Agents:	0	10000	10000
Logged-In IP Softphone Agents:	0	10000	10000
Logged-In SIP EAS Agents:	0	5000	5000
Group Members Per System:	3	359997	360000
CMS Measured ACD Members:	0	360000	360000
Dynamic Queue Slots Per System:	0	15000	15000
Queue/Call Status Buttons:	0	32764	32764+
Intercom Groups Per System:	0	1024	1024
Modem Pool Groups Per System:	0	63	63
Personal CO Line (PCOL) Trunk Groups:	0	200	200
*+ Limit combined with Facility Busy Indicators			

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityHuntGrps
avCmCapacityHuntGrpsSpSkUsed.0 = INTEGER: 1
avCmCapacityHuntGrpsSpSkAvail.0 = INTEGER: 7999
avCmCapacityHuntGrpsSpSkSysLim.0 = INTEGER: 8000
avCmCapacityHuntGrpsAdmLogAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsAdmLogAgtAvail.0 = INTEGER: 30000
avCmCapacityHuntGrpsAdmLogAgtSysLim.0 = INTEGER: 30000
avCmCapacityHuntGrpsAdmLogAgtSkPrUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsAdmLogAgtSkPrAvail.0 = INTEGER: 999999
avCmCapacityHuntGrpsAdmLogAgtSkPrSysLim.0 = INTEGER: 999999
avCmCapacityHuntGrpsLogAcdAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogAcdAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAcdAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAdvocAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogAdvocAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAdvocAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogIPSoftAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogIPSoftAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogIPSoftAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogSipEasAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogSipEasAgtAvail.0 = INTEGER: 5000
avCmCapacityHuntGrpsLogSipEasAgtSysLim.0 = INTEGER: 5000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityAnnounce

MIB group name	OID	Type
avCmCapacityAnnounce	enterprises.6889.2.73.8.1.17	Scalar

Description

The avCmCapacityAnnounce MIB Group uses the **display capacity** command to retrieve the ANNOUNCEMENTS capacity information under the RECORDED ANNOUNCEMENTS/MUSIC/AUDIO SOURCES section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityAnnounce	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityAnnounceAdmAnnFileUsed	.1	R	Integer32 (0..99999)	Administered Announcement Files	An object that contains the number of used administered announcement files.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityAnnounceAdmAnnFileAvail	.2	R	Integer32 (0..99999)	Administered Announcement Files	An object that contains the number of available administered announcement files.
SYSTEM CAPACITY					
avCmCapacityAnnounceAdmAnnFileSysLim	.3	R	Integer32 (0..99999)	Administered Announcement Files	An object that contains the system limit of administered announcement files.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdUsed	.4	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the number of used TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdAvail	.5	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the number of available TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdSysLim	.6	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the system limit of TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcUsed	.7	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the number of used Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcAvail	.8	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the number of available Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcSysLim	.9	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the system limits of Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds80ChUsed	.10	R	Integer32 (0..99999)	TN2602 Boards with 80 VoIP Channels	An object that contains the number of used TN2602 Boards with 80 VoIP channels.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityAnnounceTN2602Brds80ChAvail	.11	R	Integer32 (0..99999)	TN2602 Boards with 80 VoIP Channels	An object that contains the number of available TN2602 Boards with 80 VoIP channels.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds80ChSysLim	.12	R	Integer32 (0..99999)	TN2602 Boards with 80 VoIP Channels	An object that contains the system limit of TN2602 Boards with 80 VoIP channels.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds320Used	.13	R	Integer32 (0..99999)	TN2602 Boards with 320 VoIP Channels	An object that contains the number of used TN2602 Boards with 320 VoIP channels.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds320Avail	.14	R	Integer32 (0..99999)	TN2602 Boards with 320 VoIP Channels	An object that contains the number of available TN2602 Boards with 320 VoIP channels.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds320SysLim	.15	R	Integer32 (0..99999)	TN2602 Boards with 320 VoIP Channels	An object that contains the system limit of TN2602 Boards with 320 VoIP channels.
SYSTEM CAPACITY					
avCmCapacityAnnounceAvayaMedServUsed	.16	R	Integer32 (0..99999)	Avaya Media Servers	An object that contains the number of used Avaya Media Servers.
SYSTEM CAPACITY					
avCmCapacityAnnounceAvayaMedServAvail	.17	R	Integer32 (0..99999)	Avaya Media Servers	An object that contains the number of available Avaya Media Servers.
SYSTEM CAPACITY					
avCmCapacityAnnounceAvayaMedServSysLim	.18	R	Integer32 (0..99999)	Avaya Media Servers	An object that contains the system limit of Avaya Media Servers.
SYSTEM CAPACITY					

Sample output of forms

display capacity				Page 6 of 14
SYSTEM CAPACITY				
	Used	Available	System Limit	
RECORDED ANNOUNCEMENTS/MUSIC/AUDIO SOURCES				
Analog Queue Slots:	0	1000	1000	
Administered Announcement Files:	18	11982	12000	
TN2501 VAL Boards:	1	127*	128	
Media Gateway vVAL Sources:	1	249	250	
TN2602 Boards with 80 VoIP Channels:	0	128	128	
TN2602 Boards with 320 VoIP Channels:	3	125	128	
Avaya Media Servers:	4	246	250	
TEMPORARY SIGNALING CONNECTIONS (TSC)				
Administered TSCs:	0	250	250	
NCA-TSC Calls:	0	999	999	
REMOTE MESSAGE WAITING LAMPS (aut-msg-wt and Message Lamp Ext for other stations)				
Automatic Message Waiting Count:	0	2050	2050	
** Available VAL Boards limited by other inserted integ type annnc boards				

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityAnnounce
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileUsed.0 = INTEGER: 18
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileAvail.0 = INTEGER: 11982
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileSysLim.0 = INTEGER: 12000
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdUsed.0 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdAvail.0 = INTEGER: 127
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdSysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcUsed.0 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcAvail.0 = INTEGER: 249
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcSysLim.0 = INTEGER: 250
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChAvail.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChSysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320Used.0 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320Avail.0 = INTEGER: 125
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320SysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServUsed.0 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServAvail.0 = INTEGER: 246
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServSysLim.0 = INTEGER: 250
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityTrunks

MIB group name	OID	Type
avCmCapacityTrunks	enterprises.6889.2.73.8.1.18	Scalar

Description

The avCmCapacityTrunks MIB Group uses the **display capacity** command to retrieve the Trunks capacity information under the Trunks capacity section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityTrunks	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityTrunksD S1CirPksUsed	.1	R	Integer32 (0..99999)	DS1 Circuit Packs	An object that contains the number of used Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityTrunksD S1CirPksAvail	.2	R	Integer32 (0..99999)	DS1 Circuit Packs	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					number of available Groups/Splits/Skills.
avCmCapacityTrunksDS1CirPksSysLim	.3	R	Integer32 (0..99999)	DS1 Circuit Packs	An object that contains the system limit of Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.4	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the number of used administered logical agents.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.5	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the number of available administered logical agents.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.6	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the system limit of administered logical agents.
SYSTEM CAPACITY					
avCmCapacityTrunksISDN/SIPTrkUsed	.7	R	Integer32 (0..99999)	ISDN/SIP Trunks	An object that contains the number of used administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityTrunksISDN/SIPTrkAvail	.8	R	Integer32 (0..99999)	ISDN/SIP Trunks	An object that contains the number of available administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityTrunksISDN/SIPTrkSysLim	.9	R	Integer32 (0..99999)	ISDN/SIP Trunks	An object that contains the system limit of administered logical agent-skill pairs.
SYSTEM CAPACITY					
avCmCapacityTrunksISDN/CBCTrkUsed	.10	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the number of used total vectors per system.
SYSTEM CAPACITY					
avCmCapacityTrunksISDN/CBCTrkAvail	.11	R	Integer32 (0..99999)	ISDN CBC Service Selection Trunks	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					number of used logged-in ACD
avCmCapacityTrunksIsdnCbcTrkSysLim	.12	R	Integer32 (0..99999)	ISDN CBC Service Selection Trunks	An object that contains the system limit of logged-in ACD agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkGrpsUsed	.13	R	Integer32 (0..99999)	Trunk Groups	An object that contains the number of used logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkGrpsAvaild	.14	R	Integer32 (0..99999)	Trunk Groups	An object that contains the number of available logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkGrpsSysLim	.15	R	Integer32 (0..99999)	Trunk Groups	An object that contains the system limit of logged-in advocate agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkPtsUsedv	.16	R	Integer32 (0..99999)	Trunk Ports	An object that contains the number of used logged-in softphone agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkPtsAvail	.17	R	Integer32 (0..99999)	Trunk Ports	An object that contains the number of available logged-in softphone agents.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkPtsSysLim	.18	R	Integer32 (0..99999)	Trunk Ports	An object that contains the number of used logged-in SIP EAS agents.
SYSTEM CAPACITY					
avCmCapacityTrunksH323TrksUsed	.19	R	Integer32 (0..99999)	H.323 Trunks (included in 'Trunk ports')	An object that contains the number of used background BSR Poll VDNs.
SYSTEM CAPACITY					
avCmCapacityTrunksH323TrksAvail	.20	R	Integer32 (0..99999)	H.323 Trunks (included in 'Trunk ports')	An object that contains the number of available

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					logged-in SIP EAS agents.
avCmCapacityTrunksH323TrksSysLim	.21	R	Integer32 (0..99999)	H.323 Trunks (included in 'Trunk ports')	An object that contains the number of available logged-in SIP EAS agents.
SYSTEM CAPACITY					
avCmCapacityTrunksRemOffTrksUsed	.22	R	Integer32 (0..99999)	Remote Office Trunks (included in 'Trunk ports')	An object that contains the number of used vector comment steps.
SYSTEM CAPACITY					
avCmCapacityTrunksRemOffTrksAvail	.23	R	Integer32 (0..99999)	Remote Office Trunks (included in 'Trunk ports')	An object that contains the number of used group members per system.
SYSTEM CAPACITY					
avCmCapacityTrunksRemOffTrksSysLim	.24	R	Integer32 (0..99999)	Remote Office Trunks (included in 'Trunk ports')	An object that contains the system limit of group members per system.
SYSTEM CAPACITY					
avCmCapacityTrunksSbsTrksUsedI	.25	R	Integer32 (0..99999)	SBS Trunks (included in 'Trunk ports')	An object that contains the number of used CMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityTrunksSbsTrksAvailI	.26	R	Integer32 (0..99999)	SBS Trunks (included in 'Trunk ports')	An object that contains the number of CMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityTrunksSbsTrksSysLim	.27	R	Integer32 (0..99999)	SBS Trunks (included in 'Trunk ports')	An object that contains the system limit of CMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityTrunksSipTrksAvail	.28	R	Integer32 (0..99999)	SIP Trunks (included in 'Trunk ports')	An object that contains the number of used SIP trunks.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityTrunksSipTrksAvail	.29	R	Integer32 (0..99999)	SIP Trunks (included in 'Trunk ports')	An object that contains the number of available SIP trunks.
SYSTEM CAPACITY					
avCmCapacityTrunksSipTrksSysLim	.30	R	Integer32 (0..99999)	SIP Trunks (included in 'Trunk ports')	An object that contains the system limit of SIP trunks.
SYSTEM CAPACITY					
avCmCapacityTrunksAdVidConfPtsUsed	.31	R	Integer32 (0..99999)	SIP Trunks (included in 'Trunk ports')	An object that contains the number of used Ad-hoc Video Conferencing Ports.
SYSTEM CAPACITY					
avCmCapacityTrunksAdVidConfPtsAvail	.32	R	Integer32 (0..99999)	Ad-hoc Video Conferencing Ports	An object that contains the system limit of Ad-hoc Video Conferencing Ports.
SYSTEM CAPACITY					
avCmCapacityTrunksAdVidConfPtsSysLim	.33	R	Integer32 (0..99999)	Ad-hoc Video Conferencing Ports	An object that contains the system limit of Ad-hoc Video Conferencing Ports.
SYSTEM CAPACITY					

Sample output of forms

display capacity		SYSTEM CAPACITY		Page 7 of 14	
				Used	Available
				System	Limit
				-----	-----
	TRUNKS				
	DS1 Circuit Packs:	7	515	522	
	DS1 With Echo Cancellation:	0	522	522	
	ICHT For ISDN/SIP Trunks:	0	9999	9999	
	ISDN CBC Service Selection Trunks:	0	200	200	
	Trunk Groups:	20	1980	2000	
	Trunk Ports:	384	23616	24000	
	H.323 Trunks (included in "Trunk ports"):	12	11988	12000	
	Remote Office Trunks (included in "Trunk ports"):	0	12000	12000	
	SBS Trunks (included in "Trunk ports"):	0	1000	1000	
	SIP Trunks (included in "Trunk ports"):	286	23714	24000	
	Ad-hoc Video Conferencing Ports:	0	24000	24000	

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmCapacityTrunks
avCmCapacityTrunksDS1CirPksUsed.0 = INTEGER: 7
avCmCapacityTrunksDS1CirPksAvail.0 = INTEGER: 515
avCmCapacityTrunksDS1CirPksSysLim.0 = INTEGER: 522
avCmCapacityTrunksDS1EchoCanUsed.0 = INTEGER: 0
avCmCapacityTrunksDS1EchoCanAvail.0 = INTEGER: 522
avCmCapacityTrunksDS1EchoCanSysLim.0 = INTEGER: 522
avCmCapacityTrunksIchtIsdnSipTrkUsed.0 = INTEGER: 0
avCmCapacityTrunksIchtIsdnSipTrkAvail.0 = INTEGER: 9999
avCmCapacityTrunksIchtIsdnSipTrkSysLim.0 = INTEGER: 9999
avCmCapacityTrunksIsdnCbcTrkUsed.0 = INTEGER: 0
avCmCapacityTrunksIsdnCbcTrkAvail.0 = INTEGER: 200
avCmCapacityTrunksIsdnCbcTrkSysLim.0 = INTEGER: 200
avCmCapacityTrunksTrunkGrpsUsed.0 = INTEGER: 20
avCmCapacityTrunksTrunkGrpsAvail.0 = INTEGER: 1980
avCmCapacityTrunksTrunkGrpsSysLim.0 = INTEGER: 2000
avCmCapacityTrunksTrunkPtsUsed.0 = INTEGER: 384
avCmCapacityTrunksTrunkPtsAvail.0 = INTEGER: 23616
avCmCapacityTrunksTrunkPtsSysLim.0 = INTEGER: 24000
avCmCapacityTrunksH323TrksUsed.0 = INTEGER: 12
avCmCapacityTrunksH323TrksAvail.0 = INTEGER: 11988
avCmCapacityTrunksH323TrksSysLim.0 = INTEGER: 12000
avCmCapacityTrunksRemOffTrksUsed.0 = INTEGER: 0
avCmCapacityTrunksRemOffTrksAvail.0 = INTEGER: 12000
avCmCapacityTrunksRemOffTrksSysLim.0 = INTEGER: 12000
avCmCapacityTrunksSbsTrksUsed.0 = INTEGER: 0
avCmCapacityTrunksSbsTrksAvail.0 = INTEGER: 1000
avCmCapacityTrunksSbsTrksSysLim.0 = INTEGER: 1000
avCmCapacityTrunksSipTrksUsed.0 = INTEGER: 286
avCmCapacityTrunksSipTrksAvail.0 = INTEGER: 23714
avCmCapacityTrunksSipTrksSysLim.0 = INTEGER: 24000
avCmCapacityTrunksAdVidConfPtsUsed.0 = INTEGER: 0
avCmCapacityTrunksAdVidConfPtsAvail.0 = INTEGER: 24000
avCmCapacityTrunksAdVidConfPtsSysLim.0 = INTEGER: 24000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityVoiceTerm

MIB group name	OID	Type
avCmCapacityVoiceTerm	enterprises.6889.2.73.8.1.19	Scalar

Description

The avCmCapacityVoiceTerm MIB Group uses the **display capacity** command to retrieve the Station capacity information under the Trunks capacity section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityVoiceTerm	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityVoiceTermStatWithPtUsed	.1	R	Integer32 (0..99999)	Stations With Port	An object that contains the number of used station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermStatWithPtAvail	.2	R	Integer32 (0..99999)	Stations With Port	An object that contains the number of available station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermStatWithPtSysLim	.3	R	Integer32 (0..99999)	Stations With Port	An object that contains the system limit of station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermTTIportsUsed	.4	n/a	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					number of used DS1 With Echo Cancellation.
avCmCapacityVoiceTermTTIportsAvail	.5	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the number of available DS1 With Echo Cancellation.
SYSTEM CAPACITY					
avCmCapacityVoiceTermTTIportsSysLim	.6	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the system limit of DS1 With Echo Cancellation.
SYSTEM CAPACITY					

Sample output of forms

display capacity				Page 8 of 14
SYSTEM CAPACITY				
VOICE TERMINALS		Used	Available	System Limit
Station Button Memory (units):		0 %	100 %	23286000
Team button / Monitored stations:		0	6833	6833
Customized Button Labels:		0 %	100 %	100000
Station Records:		29	40971	41000
Station Records Used By TTI(Not Shared):		0		
Station Records Used By TTI(Shared):		0		
Stations (includes BRI stations):		29	-	-
Stations With Port:		27		
Stations Without Port:		2		
Other Stations:		0	-	-
TTI Ports:		0	-	-
Auto Moves Stations:		0	5000	5000
Administered IP SoftPhones:		4	-	-
Video Capable Stations:		0	41000	41000
Video Capable IP Softphones:		0	18000	18000
ISDN BRI Endpoint And Trunk Ports:		2	6998	7000

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityVoiceTerm
avCmCapacityVoiceTermStatWithPtUsed.0 = INTEGER: 27
avCmCapacityVoiceTermStatWithOutPtUsed.0 = INTEGER: 2
avCmCapacityVoiceTermOtherStatUsed.0 = INTEGER: 0
avCmCapacityVoiceTermTTIportsUsed.0 = INTEGER: 0
avCmCapacityVoiceTermAdmIPSoftUsed.0 = INTEGER: 4
avCmCapacityVoiceTermVidCapStatUsed.0 = INTEGER: 0
avCmCapacityVoiceTermVidCapStatAvail.0 = INTEGER: 41000
avCmCapacityVoiceTermVidCapStatSysLim.0 = INTEGER: 41000
avCmCapacityVoiceTermVidCapSoftUsed.0 = INTEGER: 0
avCmCapacityVoiceTermVidCapSoftAvail.0 = INTEGER: 18000
avCmCapacityVoiceTermVidCapSoftSysLim.0 = INTEGER: 18000
avCmCapacityVoiceTermBRIEndTrkPtsUsed.0 = INTEGER: 2
```

```
avCmCapacityVoiceTermBRIEndTrkPtsAvail.0 = INTEGER: 6998
avCmCapacityVoiceTermBRIEndTrkPtsSysLim.0 = INTEGER: 7000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityLic

MIB group name	OID	Type
avCmCapacityLic	enterprises 6889.2.73.8.1.20	Scalar

Description

The avCmCapacityLic MIB Group uses the **display capacity** command to retrieve the LICENSED capacity information under the TOTAL LICENSED CAPACITY section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityLic	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityLicStatTrkPtsUsed	.1	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the number of used station and trunk ports.
SYSTEM CAPACITY					
avCmCapacityLicStatTrkPtsAvail	.2	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the number of available station and trunk ports.
SYSTEM CAPACITY					
avCmCapacityLicStatTrkPtsLicLim	.3	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the system limit of station and trunk ports.
SYSTEM CAPACITY					
avCmCapacityLicStatCapUsed	.4	R	Integer32 (0..99999)	SYSTEM CAPACITY	An object that contains the number of used SYSTEM CAPACITY.
SYSTEM CAPACITY					
avCmCapacityLicStatCapAvail	.5	R	Integer32 (0..99999)	SYSTEM CAPACITY	An object that contains the number of available SYSTEM CAPACITY.
SYSTEM CAPACITY					
avCmCapacityLicStatCapLicLim	.6	R	Integer32 (0..99999)	SYSTEM CAPACITY	An object that contains the system limit of SYSTEM CAPACITY.
SYSTEM CAPACITY					
avCmCapacityLicXmobileStatUsed	.7	R	Integer32 (0..99999)	XMOBILE Stations	An object that contains the number of used XMOBILE Stations.
SYSTEM CAPACITY					
avCmCapacityLicXmobileStatAvail	.8	R	Integer32 (0..99999)	XMOBILE Stations	An object that contains the number of available XMOBILE Stations.
SYSTEM CAPACITY					
avCmCapacityTrunkslcHtlSdnSipTrkSysLim	.9	R	Integer32 (0..99999)	XMOBILE Stations	An object that contains the system limit of XMOBILE Stations.
SYSTEM CAPACITY					
avCmCapacityLicXmobileStatLicLim	.10	R	Integer32 (0..99999)	EC500	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					number of used EC500.
avCmCapacityLicEC500Avail	.11	R	Integer32 (0..99999)	EC500	An object that contains the number of available EC500.
SYSTEM CAPACITY					
avCmCapacityLicEC500LicLim	.12	R	Integer32 (0..99999)	EC500	An object that contains the system limit of EC500.
SYSTEM CAPACITY					
avCmCapacityLicIsdnDelectUsed	.13	R	Integer32 (0..99999)	ISDN DECT	An object that contains the number of used ISDN DECT.
SYSTEM CAPACITY					
avCmCapacityLicIpDelectUsed	.14	R	Integer32 (0..99999)	IP DECT	An object that contains the number of used IP DECT.
SYSTEM CAPACITY					
avCmCapacityLicPhsUsed	.15	R	Integer32 (0..99999)	PHS	An object that contains the number of used PHS.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelEC500Used	.16	R	Integer32 (0..99999)	Off-PBX Telephone - EC500	An object that contains the number of used Off-PBX Telephone - EC500.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelEC500Avail	.17	R	Integer32 (0..99999)	Trunk Ports	An object that contains the number of available Off-PBX Telephone - EC500.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelEC500LicLimit	.18	R	Integer32 (0..99999)	Trunk Ports	An object that contains the system limit of Off-PBX Telephone - EC500.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelPBFMCUsed	.19	R	Integer32 (0..99999)	Off-PBX Telephone - PBFMC	An object that contains the number of used Off-PBX Telephone - PBFMC.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelPBFMCAvail	.20	R	Integer32 (0..99999)	Off-PBX Telephone - PBFMC	An object that contains the number of available

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					Off-PBX Telephone - PBFMC.
avCmCapacityLicOffPbxTelPBFMCLicLimit	.21	R	Integer32 (0..99999)	Off-PBX Telephone - PBFMC	An object that contains the system limit of Off-PBX Telephone - PBFMC.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelPVFMCUsed	.22	R	Integer32 (0..99999)	Off-PBX Telephone - PVFMC	An object that contains the number of used Off-PBX Telephone - PVFMC.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelPVFMCAvail	.23	R	Integer32 (0..99999)	Off-PBX Telephone - PVFMC	An object that contains the number of available Off-PBX Telephone - PVFMC.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelPVFMCCLicLimit	.24	R	Integer32 (0..99999)	Off-PBX Telephone - PVFMC	An object that contains the system limit of Off-PBX Telephone - PVFMC.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelSCCANUsed	.25	R	Integer32 (0..99999)	Off-PBX Telephone - SCCAN	An object that contains the number of used Off-PBX Telephone - SCCAN.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelSCCANAvail	.26	R	Integer32 (0..99999)	Off-PBX Telephone - SCCAN	An object that contains the number of available Off-PBX Telephone - SCCAN.
SYSTEM CAPACITY					
avCmCapacityLicOffPbxTelSCCANLicLimit	.27	R	Integer32 (0..99999)	Off-PBX Telephone - SCCAN	An object that contains the system limit of Off-PBX Telephone - SCCAN.
SYSTEM CAPACITY					
avCmCapacityLicSurvProcUsed	.28	R	Integer32 (0..99999)	Survivable Processor Capacity	An object that contains the number of used Survivable Processor Capacity.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityLicSurvProcAvail	.29	R	Integer32 (0..99999)	Survivable Processor Capacity	An object that contains the number of available Survivable Processor Capacity.
SYSTEM CAPACITY					
avCmCapacityLicSurvProcLicLim	.30	R	Integer32 (0..99999)	Survivable Processor Capacity	An object that contains the system limit of Survivable Processor Capacity.
SYSTEM CAPACITY					
avCmCapacityLicAvMedSerVoIPChUsed	.31	R	Integer32 (0..99999)	Avaya Media Server VoIP Channels	An object that contains the number of used Avaya Media Server VoIP Channels.
SYSTEM CAPACITY					
avCmCapacityLicAvMedSerVoIPChAvail	.32	R	Integer32 (0..99999)	Avaya Media Server VoIP Channels	An object that contains the number of available Avaya Media Server VoIP Channels.
SYSTEM CAPACITY					
avCmCapacityLicAvMedSerVoIPChLicLim	.33	R	Integer32 (0..99999)	Avaya Media Server VoIP Channels	An object that contains the system limit of Avaya Media Server VoIP Channels.
SYSTEM CAPACITY					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

display capacity Page 9 of 14

SYSTEM CAPACITY			
TOTAL LICENSED CAPACITY			
	Used	Available	License Limit
Station and Trunk Ports:	2969	62031	65000
Station Capacity:	2203	38797	41000
SBS Stations:	0	500	500
Radio Controllers:	0	0	0
Wireless Terminals:	0	0	0
XMOBILE Stations:	0	41000	41000
EC500:	0		
ISDN DECT:	0		
IP DECT:	0		
PHS:	0		
Off-PBX Telephone - EC500:	0	41000	41000
Off-PBX Telephone - OPS:	2201	38799	41000
Off-PBX Telephone - PBFMC:	0	41000	41000
Off-PBX Telephone - PVFMC:	0	41000	41000
Off-PBX Telephone - SCCAN:	0	0	0

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityLic
avCmCapacityLicStatTrkPtsUsed.0 = INTEGER: 413
avCmCapacityLicStatTrkPtsAvail.0 = INTEGER: 64587
avCmCapacityLicStatTrkPtsLicLimit.0 = INTEGER: 65000
avCmCapacityLicStatCapUsed.0 = INTEGER: 29
avCmCapacityLicStatCapAvail.0 = INTEGER: 40971
avCmCapacityLicStatCapLicLimit.0 = INTEGER: 41000
avCmCapacityLicXmobileStatUsed.0 = INTEGER: 0
avCmCapacityLicXmobileStatAvail.0 = INTEGER: 41000
avCmCapacityLicXmobileStatLicLimit.0 = INTEGER: 41000
avCmCapacityLicEC500Used.0 = INTEGER: 0
avCmCapacityLicIsdnDectUsed.0 = INTEGER: 0
avCmCapacityLicIpDectUsed.0 = INTEGER: 0
avCmCapacityLicPhsUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTeleEC500Used.0 = INTEGER: 0
avCmCapacityLicOffPbxTeleEC500Avail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTeleEC500LicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelOPSUsed.0 = INTEGER: 3
avCmCapacityLicOffPbxTelOPSAvail.0 = INTEGER: 40997
avCmCapacityLicOffPbxTelOPSLicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPBFMCUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelPBFMCAdvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPBFMCAdvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPBFMCLicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPVFMCUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelPVFMCAvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPVFMCLicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelSCCANUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelSCCANAvail.0 = INTEGER: 0
avCmCapacityLicOffPbxTelSCCANLicLimit.0 = INTEGER: 0
avCmCapacityLicSurvProcUsed.0 = INTEGER: 1
avCmCapacityLicSurvProcAvail.0 = INTEGER: 312
avCmCapacityLicSurvProcLicLimit.0 = INTEGER: 313
avCmCapacityLicAvMedSerVoIPChUsed.0 = INTEGER: 0
```

```
avCmCapacityLicAvMedSerVoIPChAvail.0 = INTEGER: 40000
avCmCapacityLicAvMedSerVoIPChLicLimit.0 = INTEGER: 40000
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityUsage

MIB group name	OID	Type
avCmCapacityUsage	enterprises 6889.2.73.8.1.21	Scalar

Description

The avCmCapacityUsage MIB Group uses the **display capacity** command to retrieve the USAGE capacity information under the CONCURRENT USAGE COUNTS section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityUsage	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityUsageIPStatUsed	.1	R	Integer32 (0..99999)	IP Stations	An object that contains the number of IP Stations.
SYSTEM CAPACITY					
avCmCapacityUsageIPStatAvail	.2	R	Integer32 (0..99999)	IP Stations	An object that contains the number of available IP Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1CircPksSysLim	.3	R	Integer32 (0..99999)	IP Stations	An object that contains the system limit of IP Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.4	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the number of used IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.5	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the number of available IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.6	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the system limit of IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunksLocalSdnSipTrkUsed	.7	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of used Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksLocalSdnSipTrkAvail	.8	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of available Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksLocalSdnSipTrkSysLim	.9	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the system limit of Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksLocalSdnCbcTrkUsed	.10	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					number of used Remote Office Stations.
avCmCapacityTrunksIsdnCbcTrkAvail	.11	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of available Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksIsdnCbcTrkSysLim	.12	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the system limit of Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksTrunkGrpsUsed	.13	R	Integer32 (0..99999)	AES Server Licensed IP Stations	An object that contains the number of used AES Server Licensed IP Stations.
SYSTEM CAPACITY					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
display capacity Page 11 of 14
SYSTEM CAPACITY

CONCURRENT USAGE COUNTS

Currently Used      Available      System Limit
-----
IP Stations:        3          17997       18000
IP Stations in TTI State: 0           -           -
IP Attendant Consoles: 0          414         414
Remote Office Stations: 0         18000       18000
Unauthenticated H.323 Stations: 0         100         100
AES Server Licensed IP Stations: 0           -           -

IP PORT USAGE COUNTS
Total IP Station Ports: 25         95389       95414

IP Station Ports Used By
Administered IP Stations and Attendants: 17           -           -
Softphone Enabled on Station Form: 8           -           -
Unnamed Registrations (TTI ip phones): 0           -           -
H.323 Stations via TLS: 0          2000        2000

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityUsage
avCmCapacityUsageIPStatUsed.0 = INTEGER: 3
avCmCapacityUsageIPStatAvail.0 = INTEGER: 17997
avCmCapacityUsageIPStatSysLim.0 = INTEGER: 18000
avCmCapacityUsageIPAttConUsed.0 = INTEGER: 0

```

```

avCmCapacityUsageIPAttConAvail.0 = INTEGER: 414
avCmCapacityUsageIPAttConSysLim.0 = INTEGER: 414
avCmCapacityUsageRemOffStatUsed.0 = INTEGER: 0
avCmCapacityUsageRemOffStatAvail.0 = INTEGER: 18000
avCmCapacityUsageRemOffStatSysLim.0 = INTEGER: 18000
avCmCapacityUsageUnauthH323StatUsed.0 = INTEGER: 0
avCmCapacityUsageUnauthH323StatAvail.0 = INTEGER: 100
avCmCapacityUsageUnauthH323StatSysLim.0 = INTEGER: 100
avCmCapacityUsageAESServLicUsed.0 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityIPUsage

MIB group name	OID	Type
avCmCapacityIPUsage	enterprises.6889.2.73.8.1.22	Scalar

Description

The avCmCapacityIPUsage MIB Group uses the **display capacity** command to retrieve the IP PORT USAGE capacity information under the IP PORT USAGE COUNTS section of the SYSTEM CAPACITY form.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityIPUsage	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityIPUsage TotalIpStatPtsUsed	.1	R	Integer32 (0..99999)	Total IP Station Ports	An object that contains the number of used total IP station ports.
SYSTEM CAPACITY					
avCmCapacityIPUsage TotalIpStatPtsAvail	.2	R	Integer32 (0..99999)	Total IP Station Ports	An object that contains the number of available total IP station ports.
SYSTEM CAPACITY					
avCmCapacityIPUsage TotalIpStatPtsSysLim	.3	R	Integer32 (0..99999)	Total IP Station Ports	An object that contains the system limit of total IP station ports.
SYSTEM CAPACITY					

Sample output of forms

SYSTEM CAPACITY			
Page 11 of 14			
CONCURRENT USAGE COUNTS			
	Currently Used	Available	System Limit
IP Stations:	3	17997	18000
IP Stations in TTI State:	0	-	-
IP Attendant Consoles:	0	414	414
Remote Office Stations:	0	18000	18000
Unauthenticated H.323 Stations:	0	100	100
AES Server Licensed IP Stations:	0	-	-
IP PORT USAGE COUNTS			
Total IP Station Ports:	25	95389	95414
IP Station Ports Used By			
Administered IP Stations and Attendants:	17	-	-
Softphone Enabled on Station Form:	8	-	-
Unnamed Registrations (TTI ip phones):	0	-	-
H.323 Stations via TLS:	0	2000	2000

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityIPUsage
avCmCapacityIPUsageTotalIpStatPtsUsed.0 = INTEGER: 25
avCmCapacityIPUsageTotalIpStatPtsAvail.0 = INTEGER: 95389
avCmCapacityIPUsageTotalIpStatPtsSysLim.0 = INTEGER: 95414
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmCapacityCurrentUsage

MIB group name	OID	Type
avCmCapacityCurrentUsage	enterprises.6889.2.73.8.1.23	Table

Description

The avCmCapacityCurrentUsage MIB Group displays the output of the CURRENT USAGE COUNTS BY PRODUCT ID page of **display capacity** command.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once a day.

No more than once every 20 minutes.

Default Caching Interval

60 seconds

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmCapacityCurrentUsage	SAT	display capacity	SYSTEM CAPACITY

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityCurrentUsageTable	.1	n/a	SEQUENCE OF AvCmCapacityCurrentUsageEntry	n/a	An object that contains a list of the avCmCapacityCurrentUsage entries.
avCmCapacityCurrentUsageEntry	.1.1	n/a	AvCmCapacityCurrentUsageEntry	n/a	An avCmCapacityCurrentUsage entry containing objects of the avCmCapacityCurrentUsage information sent by the switch.
avCmCapacityCurrentUsageIdx	.1.1.1	R	SnmpAdminString (SIZE (0..11))	n/a	An object containing an index that uniquely identifies a Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentUsageID	.1.1.2	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the Product ID of the entry.
SYSTEM CAPACITY					
avCmCapacityCurrentUsageRel	.1.1.3	R	SnmpAdminString (SIZE (0..3))	Rel	An object containing the release of the Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentUsageUsed	.1.1.4	R	Integer32 (0..999)	ID	An object that contains the Used count of a Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentUsageAvail	.1.1.5	R	Integer32 (0..999)	Remote Office Stations	An object that contains the available count of a Product ID.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmCapacityCurrentUsageLicLim	.1.1.6	R	Integer32 (0..999)	Remote Office Stations	An object that contains the licensed limit of a Product ID.
SYSTEM CAPACITY					

Sample output of forms

ID	Rel	Used	Avail.	System Limit
AgentSC	*	0	18000	18000
IP_API_A	*	0	18000	18000
IP_Agent	*	0	18000	18000
IP_NonAgt	*	0	18000	18000
IP_Phone	*	3	17997	18000
IP_ROMax	*	0	18000	18000
IP_Soft	*	0	18000	18000
IP_Supv	*	0	18000	18000
IP_eCons	*	0	414	414
oneX_Comm	*	0	18000	18000

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityCurrentUsage
avCmCapacityCurrentUsageID."AgentSC" = STRING: AgentSC
avCmCapacityCurrentUsageID."IP_Soft" = STRING: IP_Soft
avCmCapacityCurrentUsageID."IP_Supv" = STRING: IP_Supv
avCmCapacityCurrentUsageID."IP_API_A" = STRING: IP_API_A
avCmCapacityCurrentUsageID."IP_Agent" = STRING: IP_Agent
avCmCapacityCurrentUsageID."IP_Phone" = STRING: IP_Phone
avCmCapacityCurrentUsageID."IP_ROMax" = STRING: IP_ROMax
avCmCapacityCurrentUsageID."IP_eCons" = STRING: IP_eCons
avCmCapacityCurrentUsageID."IP_NonAgt" = STRING: IP_NonAgt
avCmCapacityCurrentUsageID."oneX_Comm" = STRING: oneX_Comm
avCmCapacityCurrentUsageRel."AgentSC" = STRING: *
avCmCapacityCurrentUsageRel."IP_Soft" = STRING: *
avCmCapacityCurrentUsageRel."IP_Supv" = STRING: *
avCmCapacityCurrentUsageRel."IP_API_A" = STRING: *
avCmCapacityCurrentUsageRel."IP_Agent" = STRING: *
avCmCapacityCurrentUsageRel."IP_Phone" = STRING: *
avCmCapacityCurrentUsageRel."IP_ROMax" = STRING: *
avCmCapacityCurrentUsageRel."IP_eCons" = STRING: *
avCmCapacityCurrentUsageRel."IP_NonAgt" = STRING: *
avCmCapacityCurrentUsageRel."oneX_Comm" = STRING: *
avCmCapacityCurrentUsageUsed."AgentSC" = INTEGER: 0
avCmCapacityCurrentUsageUsed."IP_Soft" = INTEGER: 0
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMemTrunk

MIB group name	OID	Type
avCmListMemTrunk	enterprises 6889.2.73.8.1.24	Scalar/Table

Description

The avCmListMemTrunk MIB Group displays the output of the `list member trunk` command up to the first 500 members of groups.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Polling Interval

No more than once a day or when trunk members are added.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

This OID retrieves up to first 500 trunk members administered system-wide. For example, if trunk group 1 has more than 500 members, this OID never returns the list of members in trunk groups other than trunk group 1.

Similarly, if trunk group 1 has 250 members and trunk 2 has 250 members, this OID never returns the trunk group members in groups other than 1 or 2. This limitation is created because of the occupancy problems when trying to retrieve more trunk members. To get data on other trunk group members use the avCmListMemTrunkRange OID.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMemTrunk	SAT	<code>list trunk</code>	TRUNK GROUPS
	SAT	<code>list member trunk</code>	TRUNK GROUP MEMBERS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMemTrunkGroup	.1	n/a	Integer32 (0..2000)	n/a	An object that contains the trunk group.
avCmListMemTrunkTable	.2	n/a	SEQUENCE OF avCmListMemTrunkTable	n/a	An object that contains a list of the avCmListMemTrunk entries.
avCmListMemTrunkEntry	.3.1	n/a	avCmListMemTrunkTable	n/a	An object that contains a avCmListMemTrunk entry containing objects of the avCmListMemTrunk information sent by the switch.
avCmListMemTrunkIdx	.3.1.1	n/a	Integer32 (0..2000)	n/a	An object that contains an index into the Trunk Group.
avCmListMemTrunkMemberIdx	.3.1.2	n/a	Integer32 (0..255)	List Command: Member No. Display Command: Member No.	An object that contains an index that contains the Member No. for the Trunk Group Port.
avCmListMemTrunkMember	.3.1.3	R	Integer32 (0..255)	List Command: Member No. Display Command: Member No.	An object that contains an index that contains the Member No. for the Trunk Group Port.
TRUNK GROUP MEMBERS					
avCmListMemTrunkPort	.3.1.4	R	SnmpAdminString (SIZE (0..10))	Miscellaneous Extensions	An object that contains the trunk member port.
TRUNK GROUP MEMBERS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMemTrunkName	.3.1.5	R	SnmpAdminString (SIZE (0..11))	Name	An object containing the name assigned to the member.
TRUNK GROUP MEMBERS					
avCmListMemTrunkType	.3.1.6	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the trunk group member type.
TRUNK GROUP MEMBERS					
avCmListMemTrunkSigGrp	.3.1.7	R	Integer32 (0..999)	Signaling Group	An object containing the signaling group of the SIP trunk group.
TRUNK GROUP MEMBERS					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list trunk-group Page 1

TRUNK GROUPS											
Grp No.	TAC	Group	Type	Group Name	No. Mem	TN	COR	CDR	Meas	Out Dsp	Que Len
2	*02	isdn		OUTSIDE CALL	23	1	1	y	none	n	0
3	*03	isdn		OUTSIDE CALL	30	1	1	y	none	n	0
4	6004	isdn		OUTSIDE CALL	4	1	1	y	none	n	0
5	*05	isdn		OUTSIDE CALL	23	1	1	y	none	n	0
15	*15	isdn		OUTSIDE CALL	4	1	1	y	none	n	0
97	*97	sip		OUTSIDE CALL	4	1	1	y	none	n	0
200	6200	isdn		OUTSIDE CALL	4	1	1	y	none	n	0
201	6201	isdn		OUTSIDE CALL	4	1	1	y	none	y	0
202	6202	isdn		OUTSIDE CALL	4	1	1	y	none	n	0
300	*30	isdn		OUTSIDE CALL	0	1	1	y	none	n	0
352	6352	sip		OUTSIDE CALL	4	1	1	y	none	n	0
353	6353	sip		OUTSIDE CALL	4	1	1	y	none	n	10
354	6354	sip		OUTSIDE CALL	4	1	1	y	none	n	0
401	6401	sip		OUTSIDE CALL	255	1	1	y	none	n	0

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list members trunk-group 2 Page 1

TRUNK GROUP MEMBERS

Group Number: 2 Group Name: OUTSIDE CALL Group Type: isdn
TAC: *02 COR: 1 TN: 1

Member No.	Port	TN Code	Sfx	Name	Night	Mode	Type	Ans Delay	Sig Grp	Ch
1:	01A1101	TN464	F					2		1
2:	01A1102	TN464	F					2		2
3:	01A1103	TN464	F					2		3
4:	01A1104	TN464	F					2		4
5:	01A1105	TN464	F					2		5
6:	01A1106	TN464	F					2		6
7:	01A1107	TN464	F					2		7
8:	01A1108	TN464	F					2		8
9:	01A1109	TN464	F					2		9
10:	01A1110	TN464	F					2		10
11:	01A1111	TN464	F					2		11
12:	01A1112	TN464	F					2		12

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
init@kennyl> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListMemTrunk
avCmListMemTrunkMemMember.2.1 = INTEGER: 1
avCmListMemTrunkMemMember.2.2 = INTEGER: 2
:
:
avCmListMemTrunkMemMember.604.2 = INTEGER: 2
avCmListMemTrunkPort.2.1 = STRING: 01A1101
avCmListMemTrunkPort.2.2 = STRING: 01A1102
:
:
vCmListMemTrunkPort.604.2 = STRING: 02A0502
avCmListMemTrunkName.2.1 = STRING:
avCmListMemTrunkName.2.2 = STRING:
:
:
avCmListMemTrunkName.604.2 = STRING:
avCmListMemTrunkType.2.1 = STRING:
avCmListMemTrunkType.2.2 = STRING:
:
:
avCmListMemTrunkType.604.2 = STRING:
avCmListMemTrunkSigGrp.2.1 = INTEGER: 2
avCmListMemTrunkSigGrp.2.2 = INTEGER: 2
:
:
avCmListMemTrunkSigGrp.604.2 = INTEGER: 604
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMemTrunkRange

MIB group name	OID	Type
avCmListMemTrunkRange	enterprises 6889.2.73.8.1.24	Scalar/Trunk

Description

The avCmListMemTrunk MIB Group displays the output of the list member trunk count xxx command.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

No more than once a day or when trunk members are added.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMemTrunkRange	SAT	list trunk	TRUNK GROUPS
	SAT	list member trunk xxxx count xxx	TRUNK GROUP MEMBERS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMemTrunkRangeGrp	.1	R/W	Integer32 (0..2000)	n/a	An object that contains the trunk group.
avCmListMemTrunkRangeStart	.2	R/W	Integer32 (0..255)	n/a	An object that contains the starting Member No. for the Trunk Group Port.
avCmListMemTrunkRangeCount	.3	R/W	Integer32 (0..255)	n/a	An object that contains the trunk member count.
avCmListMemTrunkRangeTable	.4	n/a	SEQUENCE OF avCmListMemTrunkRangeEntry	n/a	An object that contains a list of the avCmListMemTrunkRange entries.
avCmListMemTrunkRangeEntry	.4.1	n/a	avCmListMemTrunkRangeEntry	n/a	An object that contains a avCmListMemTrunkRange entry containing objects of the avCmListMemTrunkRange information sent by the switch.
avCmListMemTrunkRangeIdx	.4.1.1	n/a	Integer32 (0..2000)	n/a	An object that contains an index into the Trunk Group.
avCmListMemTrunkRangeMemberIdx	.4.1.2	n/a	Integer32 (0..255)	n/a	An object that contains an index that contains the Member No. for the Trunk Group Port.
avCmListMemTrunkRangeMemMember	.4.1.3	R	Integer32 (0..255)	List Command: Member No.	An object that contains the member number of the Trunk group port.
TRUNK GROUP MEMBERS				Display Command: Member No.	
avCmListMemTrunkRangePort	.4.1.4	R	SnmpAdminString (SIZE (0..12))	Type	An object containing the trunk member port.
TRUNK GROUP MEMBERS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMemTrunkRangeTnCode	.4.1.5	R	SnmpAdminString (SIZE (0..7))	Type	An object containing the trunk member TN code.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeSfx	.4.1.6	R	SnmpAdminString (SIZE (0..2))	Type	An object containing the trunk member TN code.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeName	.4.1.7	R	SnmpAdminString (SIZE (0..13))	Name	An object containing the name assigned to the member.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeNight	.4.1.8	R	SnmpAdminString (SIZE (0..14))	Name	An object containing the night service extension.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeMode	.4.1.9	R	SnmpAdminString (SIZE (0..10))	Name	An object containing mode associated with the member.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeType	.4.1.10	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the trunk group member type.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeAnsDelay	.4.1.11	R	Integer32 (0..5100)	Type	An object containing the trunk group Answer Delay.
TRUNK GROUP MEMBERS					
avCmListMemTrunkRangeSigGrp	.4.1.12	R	Integer32 (0..999)	Signaling Group	An object containing the signaling group of the sip trunk group.
TRUNK GROUP MEMBERS					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list trunk-group Page 1

TRUNK GROUPS

Grp No.	TAC	Group Type	Group Name	No. Mem	TN	COR	CDR	Meas	Out Dsp	Que Len
2	*02	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
3	*03	isdn	OUTSIDE CALL	30	1	1	y	none	n	0
4	6004	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
5	*05	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
15	*15	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
97	*97	sip	OUTSIDE CALL	4	1	1	y	none	n	0
200	6200	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
201	6201	isdn	OUTSIDE CALL	4	1	1	y	none	y	0
202	6202	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
300	*30	isdn	OUTSIDE CALL	0	1	1	y	none	n	0
352	6352	sip	OUTSIDE CALL	4	1	1	y	none	n	0
353	6353	sip	OUTSIDE CALL	4	1	1	y	none	n	10
354	6354	sip	OUTSIDE CALL	4	1	1	y	none	n	0
401	6401	sip	OUTSIDE CALL	255	1	1	y	none	n	0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list members trunk-group 2 count 10

TRUNK GROUP MEMBERS

Group Number: 2 Group Name: OUTSIDE CALL Group Type: isdn
TAC: *02 COR: 1 TN: 1

Member No.	Port	TN Code	Sfx	Name	Night	Mode	Type	Ans Delay	Sig Grp	Ch
1:	01A1101	TN464	F					2	2	1
2:	01A1102	TN464	F					2	2	2
3:	01A1103	TN464	F					2	2	3
4:	01A1104	TN464	F					2	2	4
5:	01A1105	TN464	F					2	2	5
6:	01A1106	TN464	F					2	2	6
7:	01A1107	TN464	F					2	2	7
8:	01A1108	TN464	F					2	2	8
9:	01A1109	TN464	F					2	2	9
10:	01A1110	TN464	F					2	2	10

Command successfully completed
Command:

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListMemTrunkRange
avCmListMemTrunkRangeGrp.0 = INTEGER: 1
avCmListMemTrunkRangeStart.0 = INTEGER: 1
avCmListMemTrunkRangeCount.0 = INTEGER: 10
avCmListMemTrunkRangeMemMember.2.1 = INTEGER: 1
avCmListMemTrunkRangeMemMember.2.2 = INTEGER: 2
avCmListMemTrunkRangeMemMember.2.3 = INTEGER: 3
```



```

avCmListMemTrunkRangeMemMember.2.4 = INTEGER: 4
avCmListMemTrunkRangeMemMember.2.5 = INTEGER: 5
avCmListMemTrunkRangeMemMember.2.6 = INTEGER: 6
avCmListMemTrunkRangeMemMember.2.7 = INTEGER: 7
avCmListMemTrunkRangeMemMember.2.8 = INTEGER: 8
avCmListMemTrunkRangeMemMember.2.9 = INTEGER: 9
avCmListMemTrunkRangeMemMember.2.10 = INTEGER: 10
avCmListMemTrunkRangePort.2.1 = STRING: 01A1101
avCmListMemTrunkRangePort.2.2 = STRING: 01A1102
avCmListMemTrunkRangePort.2.3 = STRING: 01A1103
avCmListMemTrunkRangePort.2.4 = STRING: 01A1104
avCmListMemTrunkRangePort.2.5 = STRING: 01A1105
avCmListMemTrunkRangePort.2.6 = STRING: 01A1106
avCmListMemTrunkRangePort.2.7 = STRING: 01A1107
avCmListMemTrunkRangePort.2.8 = STRING: 01A1108
avCmListMemTrunkRangePort.2.9 = STRING: 01A1109
avCmListMemTrunkRangePort.2.10 = STRING: 01A1110
avCmListMemTrunkRangeTnCode.2.1 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.2 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.3 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.4 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.5 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.6 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.7 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.8 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.9 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.10 = STRING: TN464
avCmListMemTrunkRangeSfx.2.1 = STRING: F
avCmListMemTrunkRangeSfx.2.2 = STRING: F
avCmListMemTrunkRangeSfx.2.3 = STRING: F
avCmListMemTrunkRangeSfx.2.4 = STRING: F
avCmListMemTrunkRangeSfx.2.5 = STRING: F
avCmListMemTrunkRangeSfx.2.6 = STRING: F
avCmListMemTrunkRangeSfx.2.7 = STRING: F
avCmListMemTrunkRangeSfx.2.8 = STRING: F
avCmListMemTrunkRangeSfx.2.9 = STRING: F
avCmListMemTrunkRangeSfx.2.10 = STRING: F
avCmListMemTrunkRangeName.2.1 = STRING:
avCmListMemTrunkRangeName.2.2 = STRING:
avCmListMemTrunkRangeName.2.3 = STRING:
avCmListMemTrunkRangeName.2.4 = STRING:
avCmListMemTrunkRangeName.2.5 = STRING:
avCmListMemTrunkRangeName.2.6 = STRING:
avCmListMemTrunkRangeName.2.7 = STRING:
avCmListMemTrunkRangeName.2.8 = STRING:
avCmListMemTrunkRangeName.2.9 = STRING:
avCmListMemTrunkRangeName.2.10 = STRING:
avCmListMemTrunkRangeNight.2.1 = STRING:
avCmListMemTrunkRangeNight.2.2 = STRING:
avCmListMemTrunkRangeNight.2.3 = STRING:
avCmListMemTrunkRangeNight.2.4 = STRING:
avCmListMemTrunkRangeNight.2.5 = STRING:
avCmListMemTrunkRangeNight.2.6 = STRING:
avCmListMemTrunkRangeNight.2.7 = STRING:
avCmListMemTrunkRangeNight.2.8 = STRING:
avCmListMemTrunkRangeNight.2.9 = STRING:
avCmListMemTrunkRangeNight.2.10 = STRING:
avCmListMemTrunkRangeMode.2.1 = STRING:
avCmListMemTrunkRangeMode.2.2 = STRING:
avCmListMemTrunkRangeMode.2.3 = STRING:
avCmListMemTrunkRangeMode.2.4 = STRING:
avCmListMemTrunkRangeMode.2.5 = STRING:
avCmListMemTrunkRangeMode.2.6 = STRING:
avCmListMemTrunkRangeMode.2.7 = STRING:
avCmListMemTrunkRangeMode.2.8 = STRING:

```



```

avCmListMemTrunkRangeMode.2.9 = STRING:
avCmListMemTrunkRangeMode.2.10 = STRING:
avCmListMemTrunkRangeType.2.1 = STRING:
avCmListMemTrunkRangeType.2.2 = STRING:
avCmListMemTrunkRangeType.2.3 = STRING:
avCmListMemTrunkRangeType.2.4 = STRING:
avCmListMemTrunkRangeType.2.5 = STRING:
avCmListMemTrunkRangeType.2.6 = STRING:
avCmListMemTrunkRangeType.2.7 = STRING:
avCmListMemTrunkRangeType.2.8 = STRING:
avCmListMemTrunkRangeType.2.9 = STRING:
avCmListMemTrunkRangeType.2.10 = STRING:
avCmListMemTrunkRangeAnsDelay.2.1 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.2 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.3 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.4 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.5 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.6 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.7 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.8 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.9 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.10 = INTEGER: 0
avCmListMemTrunkRangeSigGrp.2.1 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.2 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.3 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.4 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.5 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.6 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.7 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.8 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.9 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.10 = INTEGER: 2

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusTrunk

MIB group name	OID	Type
avCmStatusTrunk	enterprises.6889.2.73.8.1.26	Table

Description

The avCmStatusTrunk MIB Group displays the output of the **STATUS TRUNK xxxx** command.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the frequently this MIB Group should be queried.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

This OID retrieves trunk member status for up to first 500 trunk members administered system-wide. For example, if trunk group 1 has more than 500 members, this OID never returns status for members in trunk groups other than trunk group 1.

Similarly, if trunk group 1 has 250 members and trunk 2 has 250 members, this OID never returns the status for trunk group members in groups other than 1 or 2. This limitation is created because of the occupancy problems when trying to retrieve more trunk member status. To get data on other trunk group members, use the avCmStatusTrunkRange OID or the avCmStatusTrunkMem OID.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusTrunk	SAT	list trunk	TRUNK GROUPS
	SAT	STATUS TRUNK xxxx	TRUNK GROUP STATUS

Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkGrp	.1	R	Integer32 (0..2000)	n/a	An object that contains the trunk group.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkMember	.2	R	Integer32 (0..255)	n/a	An object that contains the trunk group number.
avCmStatusTrunkTable	.3	n/a	SEQUENCE OF avCmStatusTrunkEntry	n/a	An object that contains the trunk member entry.
avCmStatusTrunkEntry	.4.1	n/a	avCmStatusTrunkEntry	n/a	An avCmStatusTrunk entry containing objects of the avCmStatusTrunk information sent by the switch.
avCmStatusTrunkIdx	.3.1.1	n/a	w	n/a	An object that contains a avCmListMemTrunk Range entry containing objects of the avCmListMemTrunk Range information sent by the switch.
avCmStatusTrunkMemberIdx	.3.1.2	n/a	Integer32 (0..2000)	n/a	An index that contains the Member No. for the Trunk Group.
avCmStatusTrunkMember	.3.1.3	R	Integer32 (0..255)	List Command: Member No. Display Command: Member No.	An index that contains the Member No. for the Trunk Group.
avCmStatusTrunkPort	.3.1.4	R	SnmpAdminString (SIZE (0..12))	Type	An object that contains the Trunk member port.
TRUNK GROUP STATUS					
avCmListTrunkServiceType	.3.1.5	R	SnmpAdminString (SIZE (0..19))	Name	An object containing the member service state.
TRUNK GROUP STATUS					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list trunk-group Page 1

TRUNK GROUPS

Grp No.	TAC	Group Type	Group Name	No. Mem	TN	COR	CDR	Meas	Out Dsp	Que Len
2	*02	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
3	*03	isdn	OUTSIDE CALL	30	1	1	y	none	n	0
4	6004	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
5	*05	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
15	*15	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
97	*97	sip	OUTSIDE CALL	4	1	1	y	none	n	0
200	6200	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
201	6201	isdn	OUTSIDE CALL	4	1	1	y	none	y	0
202	6202	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
300	*30	isdn	OUTSIDE CALL	0	1	1	y	none	n	0
352	6352	sip	OUTSIDE CALL	4	1	1	y	none	n	0
353	6353	sip	OUTSIDE CALL	4	1	1	y	none	n	10
354	6354	sip	OUTSIDE CALL	4	1	1	y	none	n	0
401	6401	sip	OUTSIDE CALL	255	1	1	y	none	n	0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

status trunk 2 Page 1

TRUNK GROUP STATUS

Member	Port	Service State	Mtce Connected Ports Busy
0002/001	01A1101	in-service/idle	no
0002/002	01A1102	in-service/idle	no
0002/003	01A1103	in-service/idle	no
0002/004	01A1104	in-service/idle	no
0002/005	01A1105	in-service/idle	no
0002/006	01A1106	in-service/idle	no
0002/007	01A1107	in-service/idle	no
0002/008	01A1108	in-service/idle	no
0002/009	01A1109	in-service/idle	no
0002/010	01A1110	in-service/idle	no
0002/011	01A1111	in-service/idle	no
0002/012	01A1112	in-service/idle	no
0002/013	01A1113	in-service/idle	no
0002/014	01A1114	in-service/idle	no

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmStatusTrunk
avCmStatusTrunkMemMember.2.1 = INTEGER: 1
avCmStatusTrunkMemMember.2.2 = INTEGER: 2
avCmStatusTrunkMemMember.2.3 = INTEGER: 3
:
:
avCmStatusTrunkMemMember.604.2 = INTEGER: 2
```

```

avCmStatusTrunkPort.2.1 = STRING: 01A1101
avCmStatusTrunkPort.2.2 = STRING: 01A1102
:
:
avCmStatusTrunkPort.604.2 = STRING: 02A0502
avCmStatusTrunkServiceState.2.1 = STRING: in-service/idle
avCmStatusTrunkServiceState.2.2 = STRING: in-service/idle
:
avCmStatusTrunkServiceState.604.2 = STRING: out-of-service-NE

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusTrunkRange

MIB group name	OID	Type
avCmStatusTrunkRange	enterprises.6889.2.73.8.1.27	Scalar/Table

Description

The avCmStatusTrunkRange MIB Group displays the output of the **STATUS TRUNK xxxx** command.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the less frequently this MIB Group should be queried.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusTrunkRange	SAT	list trunk	TRUNK GROUPS

Table continues...

MIB group name	Bash/SAT	Associated command	Form/Report name
	SAT	STATUS TRUNK xxxx	TRUNK GROUP STATUS

Reference Document

1. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkRangeGrp	.1	R/W	Integer32 (0..2000)	n/a	An object that contains the trunk group (Scalar).
avCmStatusTrunkRangeCount	.2	R/W	Integer32 (0..255)	n/a	An object containing the number of trunks to perform STATUS TRUNK on (Scalar).
avCmStatusTrunkRangeTable	.3	n/a	SEQUENCE OF avCmStatusTrunkEntry	n/a	An object that contains the trunk member entry.
avCmStatusTrunkRangeEntry	.4	n/a	SEQUENCE OF avCmStatusTrunkEntry	n/a	A avCmStatusTrunkRange entry containing objects of the avCmStatusTrunkRange information sent by the switch.
avCmStatusTrunkRangeIdx	.3.1.1	n/a	Integer32 (0..2000)	n/a	An object that contains an index into the Trunk Group.
avCmStatusTrunkRangeMemberIdx	.3.1.2	n/a	Integer32 (0..255)	n/a	An index that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					Member No. for the Trunk Group.
avCmStatusTrunkRangeMemMember	.3.1.3	R	Integer32 (0..255)	n/a	An index that contains the Member No. for the Trunk Group.
TRUNK GROUP STATUS					
avCmStatusTrunkRangePort	.3.1.4	R	SnmpAdminString (SIZE (0..12))	Port	An object containing the trunk member Port.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeServiceState	.3.1.5	R	SnmpAdminString (SIZE (0..19))	Service State	An object containing the trunk member service state.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeMtceBusy	.3.1.6	R	SnmpAdminString (SIZE (0..5))	Maintenance Busy	An object containing whether the member is maintenance busy
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts1	.3.1.7	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts2	.3.1.8	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts3	.3.1.9	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts4	.3.1.10	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts5	.3.1.11	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkRangeConnPorts6	.3.1.1.2	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts7	.3.1.1.3	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts8	.3.1.1.4	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeConnPorts9	.3.1.1.5	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
TRUNK GROUP STATUS					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group count 10

TRUNK GROUPS

Grp No.  TAC  Group Type  Group Name  No. Mem  TN  COR  CDR  Meas  Out Dsp  Que Len
1      6607 sip      OUTSIDE CALL  2      1      1      y      none n      0
2      *02  isdn      OUTSIDE CALL  23     1      1      y      none n      0
3      *03  isdn      OUTSIDE CALL  30     1      1      y      none n      0
4      6004 isdn      OUTSIDE CALL  4      1      1      y      none n      0
5      *05  isdn      OUTSIDE CALL  23     1      1      y      none n      0
15     *15  isdn      OUTSIDE CALL  4      1      1      y      none n      0
97     *97  sip      OUTSIDE CALL  4      1      1      y      none n      0
200    6200 isdn      OUTSIDE CALL  4      1      1      y      none n      0
201    6201 isdn      OUTSIDE CALL  4      1      1      y      none y      0
202    6202 isdn      OUTSIDE CALL  4      1      1      y      none n      0

Command successfully completed
Command: 
```


Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

status trunk 2 Page 1

TRUNK GROUP STATUS

Member	Port	Service State	Mtce Connected Ports Busy
0002/001	01A1101	in-service/idle	no
0002/002	01A1102	in-service/idle	no
0002/003	01A1103	in-service/idle	no
0002/004	01A1104	in-service/idle	no
0002/005	01A1105	in-service/idle	no
0002/006	01A1106	in-service/idle	no
0002/007	01A1107	in-service/idle	no
0002/008	01A1108	in-service/idle	no
0002/009	01A1109	in-service/idle	no
0002/010	01A1110	in-service/idle	no
0002/011	01A1111	in-service/idle	no
0002/012	01A1112	in-service/idle	no
0002/013	01A1113	in-service/idle	no
0002/014	01A1114	in-service/idle	no

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

Before you begin:

- The trunk group must be set to avCmStatusTrunkRangeGrp.

```
dadminl@r640-high1-cm> snmpset -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.27.1.0 i 101enterprises.6889.2.73.8.1.27.1.0 = INTEGER: 101
```

- Set the number of members to view up to 255 with avCmStatusTrunkRangeCount.

```
dadminl@r640-high1-cm> snmpset -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.27.2.0 i 25enterprises.6889.2.73.8.1.27.2.0 = INTEGER: 25
```

- Do the snmpwalk on the avCmStatusTrunkRangeServiceState.

```
dadminl@r640-high1-cm> snmpwalk -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.27.3.1.5.101enterprises.6889.2.73.8.1.27.3.1.5.101.1 =
STRING: "out-of-service-NE"
```

```
enterprises.6889.2.73.8.1.27.3.1.5.101.2 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.3 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.4 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.5 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.6 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.7 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.8 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.9 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.10 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.11 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.12 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.13 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.14 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.15 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.16 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.17 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.18 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.19 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.20 = STRING: "out-of-service-NE"
```

```
enterprises.6889.2.73.8.1.27.3.1.5.101.21 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.22 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.23 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.24 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.27.3.1.5.101.25 = STRING: "out-of-service-NE"
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusTrunkMem

MIB group name	OID	Type
avCmStatusTrunkMem	enterprises.6889.2.73.8.1.28	<Not provided in the MIB file>

Description

The avCmStatusTrunkMem MIB Group displays the output of the **STATUS TRUNK xxxx** command. This MIB group only polls 1 trunk group/member at a time.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the less frequently this MIB Group should be queried.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusTrunkMem	SAT	STATUS TRUNK xxxx/yyy	STATUS TRUNK

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkMem Grp	.1	R/W	Integer32 (0..2000)	n/a	An object that contains the trunk group.
avCmStatusTrunkMem Mem	.2	R/W	Integer32 (0..255)	n/a	An object containing the number of trunks to perform status trunk on.
avCmStatusTrunkMem Table	.3	n/a	SEQUENCE OF avCmStatusTrunkMemEntry	n/a	An object that contains the trunk member entry.
avCmStatusTrunkMem Entry	.4	n/a	avCmStatusTrunkMemEntry	n/a	A avCmStatusMem entry containing objects of the avCmStatusTrunkMem information sent by the switch.
avCmStatusTrunkMemIdx	.3.1.1	n/a	Integer32 (0..2000)	n/a	An object that contains an index into the Trunk Group.
avCmStatusTrunkMem MemberIdx	.3.1.2	n/a	Integer32 (0..255)	n/a	An index that contains the Member No. for the Trunk Group.
avCmStatusTrunkMem Port	.3.1.3	R	SnmpAdminString (SIZE (0..12))	Port	An object containing the trunk member Port.
STATUS TRUNK					
avCmStatusTrunkMem ServiceState	.3.1.4	R	SnmpAdminString (SIZE (0..19))	Service State	An object containing the trunk member service state.
STATUS TRUNK					
avCmStatusTrunkMem MtceBusy	.3.1.5	R	SnmpAdminString (SIZE (0..5))	Maintenance Busy	An object containing whether the member is maintenance busy
STATUS TRUNK					
avCmStatusTrunkMem SigGrpId	.3.1.6	R	SnmpAdminString (SIZE (0..12))	Signaling Group ID	An object containing the member signaling group ID.
STATUS TRUNK					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkMem ConnPorts1	.3.1.7	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts2	.3.1.8	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts3	.3.1.9	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts4	.3.1.1 0	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts5	.3.1.1 1	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts6	.3.1.1 2	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts7	.3.1.1 3	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts8	.3.1.1 4	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts9	.3.1.1 5	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group count 10

TRUNK GROUPS
```

Grp No.	TAC	Group Type	Group Name	No. Mem	TN	COR	CDR	Meas	Out Dsp	Que Len
1	6607	sip	OUTSIDE CALL	2	1	1	y	none	n	0
2	*02	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
3	*03	isdn	OUTSIDE CALL	30	1	1	y	none	n	0
4	6004	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
5	*05	isdn	OUTSIDE CALL	23	1	1	y	none	n	0
15	*15	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
97	*97	sip	OUTSIDE CALL	4	1	1	y	none	n	0
200	6200	isdn	OUTSIDE CALL	4	1	1	y	none	n	0
201	6201	isdn	OUTSIDE CALL	4	1	1	y	none	y	0
202	6202	isdn	OUTSIDE CALL	4	1	1	y	none	n	0

```

Command successfully completed
Command:

```

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status trunk 2                                     Page 1

TRUNK GROUP STATUS
```

Member	Port	Service State	Mtce Connected Ports Busy
0002/001	01A1101	in-service/idle	no
0002/002	01A1102	in-service/idle	no
0002/003	01A1103	in-service/idle	no
0002/004	01A1104	in-service/idle	no
0002/005	01A1105	in-service/idle	no
0002/006	01A1106	in-service/idle	no
0002/007	01A1107	in-service/idle	no
0002/008	01A1108	in-service/idle	no
0002/009	01A1109	in-service/idle	no
0002/010	01A1110	in-service/idle	no
0002/011	01A1111	in-service/idle	no
0002/012	01A1112	in-service/idle	no
0002/013	01A1113	in-service/idle	no
0002/014	01A1114	in-service/idle	no

```

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

Before you Begin:

- The trunk group must be set to avCmStatusTrunkMemGrp. Here, let us set the trunk group to 101.

```
dadmin1@r640-high1-cm> snmpset -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.28.1.0 i 101
enterprises.6889.2.73.8.1.28.1.0 = INTEGER: 101
```

- Set the trunk group member within the same trunk group with avCmStatusTrunkMemMem. Here, let us look at the trunk group member 101/300.

```
dadmin1@r640-high1-cm> snmpset -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.28.2.0 i 300
enterprises.6889.2.73.8.1.28.2.0 = INTEGER: 300
```

- Do a snmpwalk on avCmStatusTrunkMem.

```
dadmin1@r640-high1-cm> snmpwalk -Os -v2c -c public 192.0.2.0
1.3.6.1.4.1.6889.2.73.8.1.28
enterprises.6889.2.73.8.1.28.1.0 = INTEGER: 101
enterprises.6889.2.73.8.1.28.2.0 = INTEGER: 300
enterprises.6889.2.73.8.1.28.3.1.3.101.300 = STRING: "T002801"
enterprises.6889.2.73.8.1.28.3.1.4.101.300 = STRING: "out-of-service-NE"
enterprises.6889.2.73.8.1.28.3.1.5.101.300 = STRING: "no"
enterprises.6889.2.73.8.1.28.3.1.6.101.300 = STRING: "101"
enterprises.6889.2.73.8.1.28.3.1.7.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.8.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.9.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.10.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.11.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.12.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.13.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.14.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.15.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.16.101.300 = ""
enterprises.6889.2.73.8.1.28.3.1.17.101.300 = ""
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusHealth

In Communication Manager Release 8.0, occupancy OID has been deprecated and replaced by the following occupancy OID corresponding to the avCmStatusHealth MIB.

MIB group name	New OID name	New OID	Type
avCmStatusHealth	avCmStatusHealthOccupancyO cc	enterprises.6889.2.73.8.1.29.14	Table

Description

The avCmStatusHealth MIB Group uses the **Status Health** command to retrieve the system health information.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

No more than once every 5 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusHealth	SAT	Status Health	Status Health

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusHealthAlm Maj	.1	R	Integer32 (0..9999)	Alarms Major	An object that contains the number of major alarms.
Status Health					
avCmStatusHealthAlm Min	.2	R	Integer32 (0..9999)	Alarms Minor	An object that contains the number of minor alarms.
Status Health					
avCmStatusHealthAlm wrn	.3	R	Integer32 (0..9999)	Alarms Warning	An object that contains the number of warning alarms.
Status Health					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusHealthBus yOutTrk	.4	R	Integer32 (0..9999)	BUSYOUT Trunks	An object that contains the number of busied out trunks.
Status Health					
avCmStatusHealthBus yOutStn	.5	R	Integer32 (0..9999)	BUSYOUT Stations	An object that contains the number of busied out stations.
Status Health					
avCmStatusHealthBus yOutOth	.6	R	Integer32 (0..9999)	BUSYOUT Other	An object that contains the number of busied out other objects.
Status Health					
avCmStatusHealthOcc upancySt	.7	R	SnmpAdminString (SIZE (0..6))	OCC	An object that contains the static occupancy percentage.
Status Health					
avCmStatusHealthEntr yTmRecOvrLd	.11	R	SnmpAdminString (SIZE (0..20))	Entry Time of Most Recent Traffic Overload Interval	An object that contains the Entry Time of Most Recent Traffic Overload Interval.
Status Health					
avCmStatusHealthExit TmRecOvrLd	.12	R	SnmpAdminString (SIZE (0..20))	Entry Time of Most Recent Traffic Overload Interval	An object that contains the exit Time of Most Recent Traffic Overload Interval.
Status Health					
avCmStatusHealthLogi ns	.13	R	Integer32 (0..99)	Logins	An object that contains the number of active Logins.
Status Health					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status health
OCC: St: 1% Sm: 2% Cp: 0% Idl: 97%
ALARMS:Maj: 1 Min: 3 Wrn: 32
Logins:02 BUSYOUT:Trk: 0 Stn: 0 Oth: 0
Entry Time of Most Recent Traffic Overload Interval:
Exit Time of Most Recent Traffic Overload Interval:
Cab EmTr Maj Min Wrn PNC
1 auto- 01 01 3 up
2 auto- 01 01 3 up
3 n.a. 01 01 0 dn
7 auto- 01 01 4 up
Cab EmTr Maj Min Wrn PNC

Use 'Status Media-Gateways' for H.248 Gateway status 8:15 THU MAY 28 2015
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c private -t 20 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmStatusHealth
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmMaj.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmMin.0 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmWrn.0 = INTEGER: 25
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutTrk.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutStn.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutOth.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancySt.0 = STRING: 1%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancySm.0 = STRING: 3%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancyCp.0 = STRING: 0%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancyIdl.0 = STRING: 96%
AVAYA-AURA-CM-MIB::avCmStatusHealthEntryTmRecOvrLd.0 = STRING:
AVAYA-AURA-CM-MIB::avCmStatusHealthExitTmRecOvrLd.0 = STRING:
AVAYA-AURA-CM-MIB::avCmStatusHealthLogins.0 = INTEGER: 2
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusStation

MIB group name	OID	Type
avCmStatusStation	enterprises.6889.2.73.8.1.30	Table

Description

The avCmStatusStation MIB group displays the output of the **status station** command.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day or when stations are added.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusStation	SAT	list station	STATIONS
	SAT	status station	GENERAL STATUS

Reference Document

1. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationTable	.1	n/a	SEQUENCE OF avCmStatusStation Entry	n/a	An object that contains a list of the avCmServerAlarms entries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationEntry	.1.1	n/a	avCmStatusStationEntry	n/a	A avCmStatusStation entry containing objects of the avCmStatusStation information sent by the switch.
avCmStatusStationIdx	.1.1.1	R	SnmpAdminString (SIZE (0..17))	n/a	An object containing an index that uniquely identifies an administered station.
avCmStatusStationExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the stations extension.
GENERAL STATUS					
avCmStatusStationConnType	.1.1.3	R	SnmpAdminString (SIZE (0..17))	Connected Type	An object containing the connected station type.
GENERAL STATUS					
avCmStatusStationServiceState	.1.1.4	R	SnmpAdminString (SIZE (0..22))	Service State	An object containing the service state of the station.
GENERAL STATUS					
avCmStatusStationPort	.1.1.5	R	SnmpAdminString (SIZE (0..6))	Port	An object containing the stations port assignment.
GENERAL STATUS					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/field_base1/cm6.3/SP/cm6-141-22335SPBASE.pj

list station Page 1

Ext/ Hunt-to	Port/ Type	Name/ Surv GK NN	Move	Room/ Data Ext	Cv1/ Cv2	COR/ COS	Cable/ TN Jack
1000	S00000	Ji Test			1		
	4620		no		1	1	
1001	S00001				1		
	4620		no		1	1	
1002	006V806				1		
	6424D+		no		1	1	
1003	S00002	IP-1003-Kenny			1		
	4610		no		1	1	
1004	S00005				1		
	9630SIP		no		1	1	
1005	S00006				1		
	9620SIP		no		1	1	
1006	S00007				1		
	9620SIP		no		1	1	

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

status station 1000 Page 1 of 7

GENERAL STATUS	
Administered Type: 4620	Service State: out-of-service
Connected Type: N/A	TCP Signal Status: not connected
Extension: 1000	Network Region: Not Assigned
Port: S00000	Parameter Download: pending
Call Parked? no	SAC Activated? no
Ring Cut Off Act? no	
Active Coverage Option: 1	one-X Server Status: N/A
EC500 Status: N/A	Off-PBX Service State: N/A
Message Waiting:	
Connected Ports:	
Limit Incoming Calls? no	
User Cntrl Restr: none	HOSPITALITY STATUS
Group Cntrl Restr: none	Awaken at:
	User DND: not activated
	Group DND: not activated
	Room Status: non-guest room

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c 192.0.2.0 -c private -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmStatusStation
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."1000" = STRING: 1000
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."1001" = STRING: 1001
:
:
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."5384100" = STRING: 538-4100
AVAYA-AURA-CM-MIB::avCmStatusStationConnType."1000" = STRING: N/A
```

```

AVAYA-AURA-CM-MIB::avCmStatusStationConnType."1001" = STRING: N/A
:
:
AVAYA-AURA-CM-MIB::avCmStatusStationConnType."5384100" = STRING: N/A
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."1000" = STRING: out-of-service
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."1001" = STRING: out-of-service
:
:
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."5384100" = STRING: disconnected
AVAYA-AURA-CM-MIB::avCmStatusStationPort."1000" = STRING: S00000
AVAYA-AURA-CM-MIB::avCmStatusStationPort."1001" = STRING: S00001
:
:
AVAYA-AURA-CM-MIB::avCmStatusStationPort."5384100" = STRING: 01A1302

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusStationRange

MIB group name	OID	Type
avCmStatusStationRange	enterprises.6889.2.73.8.1.31	Scalar/Table

Description

The avCmStatusStationRange MIB group displays the output of the **status station** command.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day or when stations are added.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusStationRange	SAT	<code>list station</code>	STATIONS
	SAT	<code>status station xxx</code>	GENERAL STATUS

Reference Document

1. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeStartExt	.1	R/W	SnmpAdminString (SIZE (0..17))	n/a	An object that contains the starting extension location.
avCmStatusStationRangeCount	.2	R/W	SnmpAdminString (SIZE (0..17))	n/a	An object containing the number of stations to list.
avCmStatusStationRangeTable	.3	n/a	SEQUENCE OF avCmStatusStationRangeEntry	n/a	An object that contains a list of the avCmStatusStationRange entries.
avCmStatusStationRangeEntry	.4	n/a	avCmStatusStationRangeEntry	n/a	A avCmStatusStationRange entry containing objects of the avCmStatusStationRange information sent by the switch.
avCmStatusStationRangeIdx	.3.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that contains an index into the administered station.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeExtension	.3.1.2	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the stations extension.
GENERAL STATUS					
avCmStatusStationConnType	.3.1.3	R	SnmpAdminString (SIZE (0..15))	Connected Type	An object containing the connected station type.
GENERAL STATUS					
avCmStatusStationRangeServiceState	.3.1.4	R	SnmpAdminString (SIZE (0..22))	Service State	An object containing the Station member service state.
GENERAL STATUS					
avCmStatusStationRangePort	.3.1.5	R	SnmpAdminString (SIZE (0..11))	Port	An object containing the stations port assignment.
GENERAL STATUS					
avCmStatusStationRangeConnPort1	.3.1.6	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the first port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort2	.3.1.7	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the second port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort3	.3.1.8	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the third port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort4	.3.1.9	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the fourth port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort5	.3.1.10	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the fifth port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort6	.3.1.11	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the sixth port connected to the station
GENERAL STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeConnPort7	.3.1.12	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort8	.3.1.13	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort9	.3.1.14	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort10	.3.1.15	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS					
avCmStatusStationRangeSACactive	.3.1.16	R	SnmpAdminString (SIZE (0..4))	SAC Activated	An object containing whether the stations Send All Calls (SAC) button is activated.
GENERAL STATUS					
avCmStatusStationRangeCFdestExt	.3.1.17	R	SnmpAdminString (SIZE (0..39))	Call Forward Destination Extension	An object containing whether the stations Send All Calls (SAC) button is activated.
GENERAL STATUS					
avCmStatusStationRangeRingCutOff	.3.1.18	R	SnmpAdminString (SIZE (0..39))	Ringer Cutoff	An object containing whether Ring Cut Off is activated for the station.
GENERAL STATUS					
avCmStatusStationRangeSerialNbr	.3.1.19	R	SnmpAdminString (SIZE (0..12))	Serial Number	An object containing the station serial number.
GENERAL STATUS					
avCmStatusStationRangePartID	.3.1.20	R	SnmpAdminString (SIZE (0..12))	Part ID	An object containing the station Part ID.
GENERAL STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeSwitchPort	.3.1.21	R	SnmpAdminString (SIZE (0..8))	Switch Port	An object containing the station switch port.
GENERAL STATUS					
avCmStatusStationRangeSwitchIPAddr	.3.1.22	R	SnmpAdminString (SIZE (0..40))	Switch End IP Address	A DisplayString Object that contains the switch-end IP address for the station.
GENERAL STATUS					
avCmStatusStationRangeSwitchIPPort	.3.1.23	R	SnmpAdminString (SIZE (0..6))	Switch End IP Port	A DisplayString Object that contains the switch-end IP port number for the station.
GENERAL STATUS					
avCmStatusStationRangeSetIPAddr	.3.1.24	R	SnmpAdminString (SIZE (0..40))	Set End IP Address	A DisplayString Object that contains the switch-end IP address for the station.
GENERAL STATUS					
avCmStatusStationRangeSetIPPort	.3.1.25	R	SnmpAdminString (SIZE (0..39))	Set End IP Port	A DisplayString Object that contains the switch-end IP port number for the station.
GENERAL STATUS					

Sample output of forms

```

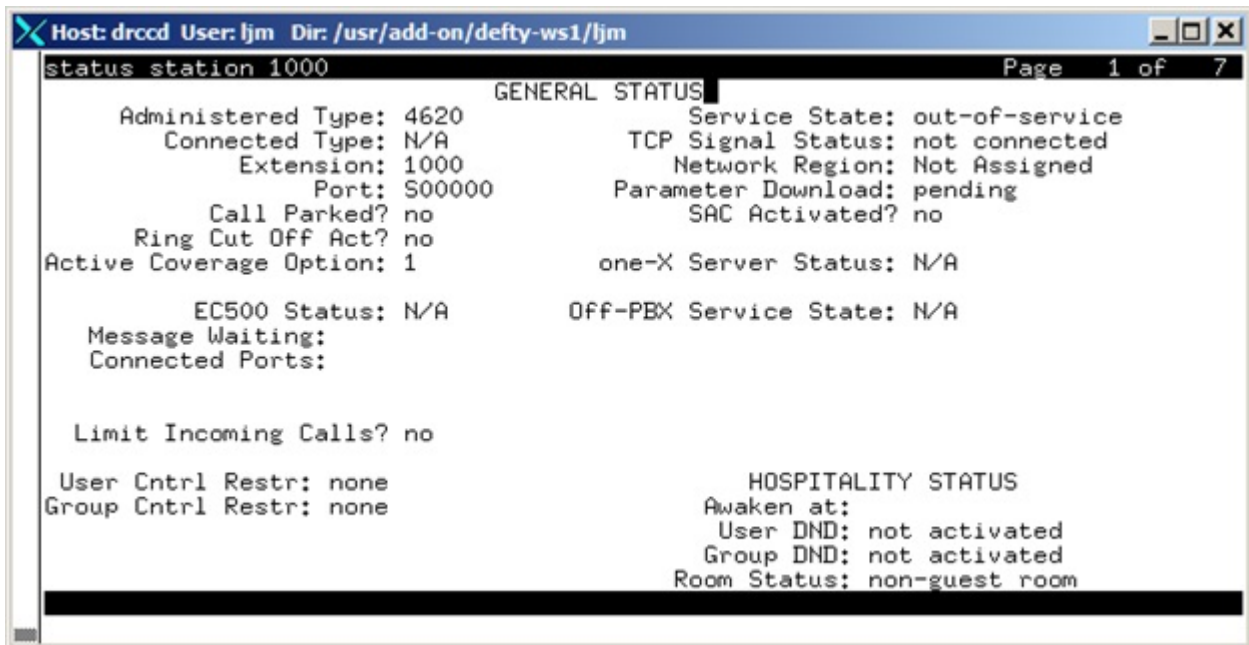
Host: drccd User: ljm Dir: /home/ljm/rje
list station 0 count 10
Page 1

          STATIONS

Ext/      Port/      Name/      Move      Room/      Cv1/      COR/      Cable/
 Hunt-to   Type        Surv GK NN      Data Ext   Cv2   COS   TN Jack
-----
1000      S00000      Ji Test                      1
          4620                      1  1
1001      S00001                      1
          4620                      1  1
1002      006V806                      1
          6424D+                     1  1
1003      S00002      IP-1003-Kenny                1
          4610                      1  1
1004      S00005                      1
          9630SIP                   1  1
1005      S00006                      1
          9620SIP                   1  1
1006      S00007                      1
          9620SIP                   1  1

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```



Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/ /AVAYA-
AURA-CM-MIB.txt avCmStatusStationRange
avCmStatusStationRangeStartExt.0 = STRING: 0
avCmStatusStationRangeCount.0 = INTEGER: 10
avCmStatusStationRangeExtension."1000" = STRING: 1000
avCmStatusStationRangeExtension."1001" = STRING: 1001
:
:
avCmStatusStationRangeExtension."1009" = STRING: 1009
avCmStatusStationRangeConnType."1000" = STRING: N/A
avCmStatusStationRangeConnType."1001" = STRING: N/A
:
:
avCmStatusStationRangeConnType."1009" = STRING: N/A
avCmStatusStationRangeServiceState."1000" = STRING: out-of-service
avCmStatusStationRangeServiceState."1001" = STRING: out-of-service
:
:
avCmStatusStationRangeServiceState."1009" = STRING: out-of-service
avCmStatusStationRangePort."1000" = STRING: S00000
avCmStatusStationRangePort."1001" = STRING: S00001
:
:
avCmStatusStationRangePort."1009" = STRING: S00009
avCmStatusStationRangeConnPort1."1000" = STRING:
avCmStatusStationRangeConnPort1."1001" = STRING:
:
:
avCmStatusStationRangeConnPort1."1009" = STRING:
avCmStatusStationRangeConnPort2."1000" = STRING:
avCmStatusStationRangeConnPort2."1001" = STRING:
:
:
avCmStatusStationRangeConnPort2."1009" = STRING:
avCmStatusStationRangeConnPort3."1000" = STRING:
avCmStatusStationRangeConnPort3."1001" = STRING:
:
:

```

```

:
avCmStatusStationRangeConnPort3."1009" = STRING:
avCmStatusStationRangeConnPort4."1000" = STRING:
avCmStatusStationRangeConnPort4."1001" = STRING:
:
:
avCmStatusStationRangeConnPort4."1009" = STRING:
avCmStatusStationRangeConnPort5."1000" = STRING:
avCmStatusStationRangeConnPort5."1001" = STRING:
:
:
avCmStatusStationRangeConnPort5."1009" = STRING:
avCmStatusStationRangeConnPort6."1000" = STRING:
avCmStatusStationRangeConnPort6."1001" = STRING:
:
:
avCmStatusStationRangeConnPort6."1009" = STRING:
avCmStatusStationRangeConnPort7."1000" = STRING:
avCmStatusStationRangeConnPort7."1001" = STRING:
:
:
avCmStatusStationRangeConnPort7."1009" = STRING:
avCmStatusStationRangeConnPort8."1000" = STRING:
avCmStatusStationRangeConnPort8."1001" = STRING:
:
:
avCmStatusStationRangeConnPort8."1009" = STRING:
avCmStatusStationRangeConnPort9."1000" = STRING:
avCmStatusStationRangeConnPort9."1001" = STRING:
:
:
avCmStatusStationRangeConnPort9."1009" = STRING:
avCmStatusStationRangeConnPort10."1000" = STRING:
avCmStatusStationRangeConnPort10."1001" = STRING:
:
:
avCmStatusStationRangeConnPort10."1009" = STRING:
avCmStatusStationRangeSACActive."1000" = STRING: no
avCmStatusStationRangeSACActive."1001" = STRING: no
:
:
avCmStatusStationRangeSACActive."1009" = STRING: no
avCmStatusStationRangeCFdestExt."1000" = STRING:
avCmStatusStationRangeCFdestExt."1001" = STRING:
:
:
avCmStatusStationRangeCFdestExt."1009" = STRING:
avCmStatusStationRangeRingCutOff."1000" = STRING: no
avCmStatusStationRangeRingCutOff."1001" = STRING: no
:
:
avCmStatusStationRangeRingCutOff."1009" = STRING: no
avCmStatusStationRangeSerialNbr."1000" = STRING: unavailable
avCmStatusStationRangeSerialNbr."1001" = STRING: unavailable
:
:
avCmStatusStationRangeSerialNbr."1009" = STRING: unavailable
avCmStatusStationRangePartID."1000" = STRING: unavailable
avCmStatusStationRangePartID."1001" = STRING: unavailable
:
:
avCmStatusStationRangePartID."1009" = STRING: unavailable
avCmStatusStationRangeSwitchPort."1000" = STRING:
avCmStatusStationRangeSwitchPort."1001" = STRING:
:

```

```

:
avCmStatusStationRangeSwitchPort."1009" = STRING:
avCmStatusStationRangeSwitchIPAddr."1000" = STRING:
avCmStatusStationRangeSwitchIPAddr."1001" = STRING:
:
:
avCmStatusStationRangeSwitchIPAddr."1009" = STRING:
avCmStatusStationRangeSwitchIPPort."1000" = STRING: 0
avCmStatusStationRangeSwitchIPPort."1001" = STRING: 0
:
:
avCmStatusStationRangeSetIPAddr."1009" = STRING: 0
avCmStatusStationRangeSetIPAddr."1000" = STRING:
avCmStatusStationRangeSetIPAddr."1001" = STRING:
:
:
avCmStatusStationRangeSetIPAddr."1009" = STRING:
avCmStatusStationRangeSetIPPort."1000" = STRING: 0
avCmStatusStationRangeSetIPPort."1001" = STRING: 0
:
:
avCmStatusStationRangeSetIPPort."1009" = STRING: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOccSum

In Communication Manager Release 8.0, occupancy OID has been deprecated and replaced by the following occupancy OID corresponding to the avCmMeasOccSum MIB.

MIB group name	New OID name	New OID	Type
avCmMeasOccSum	avCmMeasOccSumOcc	enterprises.6889.2.73.8.1.32.1.1.16	Table

Description

The avCmMeasOccSum MIB Group uses the **list measurements occupancy summary** command to retrieve the summary of occupancy information.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. However, the form is completely updated once every 24 hours.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOccSum	SAT	list measurements occupancy summary	OCCUPANCY SUMMARY MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOccSumTable	.1	n/a	SEQUENCE OF avCmMeasOccSumEntry	n/a	An object that contains a list of the avCmMeasOccSum entries
avCmMeasOccSumEntry	.1.1	n/a	avCmMeasOccSumEntry	n/a	A avCmMeasOccSum entry containing objects of the avCmMeasOccSum information sent by the switch.
avCmMeasOccSumIdx	.1.1.1	n/a	Integer32 (0..2300)	n/a	An object that uniquely identifies each Hour of data.
avCmMeasOccSumMeasHour	.1.1.2	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
OCCUPANCY SUMMARY MEASUREMENTS					command was executed.
avCmMeasOccSumPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For Occupancy	An object that contains the Peak Hour for Occupancy.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumStatOcc	.1.1.5	R	Integer32 (0..100)	Occupancy	Object containing the processor utilized by static processes.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTotalCall	.1.1.9	R	Integer32 (0..100)	Total Calls	An object containing the total calls connected to the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTandCall	.1.1.10	R	Integer32 (0..100)	Tandem Calls	An object containing trunk-to-trunk calls connected for the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTotalConn	.1.1.11	R	Integer32 (0..100)	Total Conn	An object containing the total calls connected for the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumIntcomAtt	.1.1.12	R	Integer32 (0..100)	Intcom Atmpts	An object containing the number of extension-to-extension calls on the same switch and partially completed calls for the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumIncAtt	.1.1.13	R	Integer32 (0..100)	Inc Atmpts	An object containing the number of incoming trunk seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOccSumOutAtt	.1.1.1.4	R	Integer32 (0..100)	Out Atmpts	An object containing the number of outgoing trunk seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumPnetAtt	.1.1.1.5	R	Integer32 (0..100)	Pnet Atmpts	An object containing the number of seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements occupancy summary Page 1

Switch Name:                               Date: 11:14 am THU MAY 28, 2015

OCCUPANCY SUMMARY MEASUREMENTS

Peak Hour For Occupancy: 1400

Meas Hour   Static Occ  CP Occ  SM Occ  Idle Occ  Total Calls  Tandem Calls  Total Conn  Intcom Atmpts  Inc Atmpts  Out Atmpts  Pnet Atmpts
1000        1      0     3     96         0           0           0           0           0           0           0
900         1      0     3     96         0           0           0           0           0           0           0
800         1      0     3     96         0           0           0           0           0           0           0
700         1      0     3     96         0           0           0           0           0           0           0
600         1      0     3     96         0           0           0           0           0           0           0
500         1      0     3     96         0           0           0           0           0           0           0
400         1      0     3     96         0           0           0           0           0           0           0
300         1      0     3     96         0           0           0           0           0           0           0
200         1      0     3     96         0           0           0           0           0           0           0
100         1      0     3     96         0           0           0           0           0           0           0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasOccSum
avCmMeasOccSumMeasHour.0 = INTEGER: 0
avCmMeasOccSumMeasHour.100 = INTEGER: 100
:
:
avCmMeasOccSumMeasHour.2300 = INTEGER: 2300
avCmMeasOccSumRunDate.0 = STRING: 11:29 am THU MAY 28, 2015
avCmMeasOccSumRunDate.100 = STRING: 11:29 am THU MAY 28, 2015
:
:
avCmMeasOccSumRunDate.2300 = STRING: 11:29 am THU MAY 28, 2015
avCmMeasOccSumPeakHour.0 = INTEGER: 1400
avCmMeasOccSumPeakHour.100 = INTEGER: 1400
:
:

```

```

avCmMeasOccSumPeakHour.2300 = INTEGER: 1400
avCmMeasOccSumStatOcc.0 = INTEGER: 1
avCmMeasOccSumStatOcc.100 = INTEGER: 1
:
:
avCmMeasOccSumStatOcc.2300 = INTEGER: 1
avCmMeasOccSumCPOcc.0 = INTEGER: 0
avCmMeasOccSumCPOcc.100 = INTEGER: 0
:
:
avCmMeasOccSumCPOcc.200 = INTEGER: 0
avCmMeasOccSumCPOcc.300 = INTEGER: 0
avCmMeasOccSumCPOcc.2300 = INTEGER: 0
avCmMeasOccSumSMOcc.0 = INTEGER: 3
avCmMeasOccSumSMOcc.100 = INTEGER: 3
:
:
avCmMeasOccSumSMOcc.2300 = INTEGER: 3
avCmMeasOccSumIdleOcc.0 = INTEGER: 96
avCmMeasOccSumIdleOcc.100 = INTEGER: 96
:
:
avCmMeasOccSumIdleOcc.2300 = INTEGER: 96
avCmMeasOccSumTotCall.0 = INTEGER: 0
avCmMeasOccSumTotCall.100 = INTEGER: 0
avCmMeasOccSumTotCall.200 = INTEGER: 0
:
:
avCmMeasOccSumTotCall.2300 = INTEGER: 0
avCmMeasOccSumTandCall.0 = INTEGER: 0
avCmMeasOccSumTandCall.100 = INTEGER: 0
:
:
avCmMeasOccSumTandCall.2300 = INTEGER: 0
avCmMeasOccSumTotConn.0 = INTEGER: 0
avCmMeasOccSumTotConn.100 = INTEGER: 0
:
:
avCmMeasOccSumTotConn.2300 = INTEGER: 0
avCmMeasOccSumIntcomAtt.0 = INTEGER: 0
avCmMeasOccSumIntcomAtt.100 = INTEGER: 0
:
:
avCmMeasOccSumIntcomAtt.2300 = INTEGER: 0
avCmMeasOccSumIncAtt.0 = INTEGER: 0
avCmMeasOccSumIncAtt.100 = INTEGER: 0
:
:
avCmMeasOccSumIncAtt.2300 = INTEGER: 0
avCmMeasOccSumOutAtt.0 = INTEGER: 0
avCmMeasOccSumOutAtt.100 = INTEGER: 0
:
:
avCmMeasOccSumOutAtt.2300 = INTEGER: 0
avCmMeasOccSumPnetAtt.0 = INTEGER: 0
avCmMeasOccSumPnetAtt.100 = INTEGER: 0
:
:
avCmMeasOccSumPnetAtt.2300 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOccLstHr

In Communication Manager Release 8.0, occupancy OID has been deprecated and replaced by the following occupancy OID corresponding to the avCmMeasOccLstHr MIB.

MIB group name	New OID name	New OID	Type
avCmMeasOccLstHr	avCmMeasOccLstHrOcc	enterprises 6889.2.73.8.1.33.1.1.15	Table

Description

The avCmMeasOccLstHr MIB Group uses the **list measurements occupancy last-hour** command to retrieve the occupancy data from the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOccLstHr	SAT	list measurements occupancy last- hour	OCCUPANCY LAST-HOUR MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLstHrTable	.1	n/a	SEQUENCE OF avCmMeasLstHrEntry	n/a	An object that contains a list of the avCmMeasOccLstHr entries
avCmMeasLstHrEntry	.1.1	n/a	avCmMeasLstHrEntry	n/a	A avCmMeasOccLstHr entry containing objects of the avCmMeasOccLstHr information sent by the switch.
avCmMeasLstHrIdx	.1.1.1	n/a	Integer32 (0..2300)	n/a	An object that uniquely identifies each Hour of data.
avCmMeasLstHrMeas Minute	.1.1.2	R	Integer32 (0..6)	Meas Hour	An object containing the minute the measurement was taken.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrStatOcc	.1.1.4	R	Integer32 (0..100)	OCCUPANCY	An object that contains the processor utilized by static processes.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrTotCall	.1.1.8	R	Integer32 (0..100)	Total Calls	An object containing the total calls connected to the measurement hour.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrTandCall	.1.1.9	R	Integer32 (0..100)	Tandem Calls	An object containing trunk-to-trunk calls connected for the measurement hour.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrTotConn	.1.1.10	R	Integer32 (0..100)	Total Conn	An object containing the total calls

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
OCCUPANCY LAST-HOUR MEASUREMENTS					connected for the measurement hour.
avCmMeasLstHrIntcom Att	.1.1.1 1	R	Integer32 (0..100)	Intcom Atmpts	An object containing the number of extension-to- extension calls on the same switch and partially completed calls for the measurement hour.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrIncAtt	.1.1.1 2	R	Integer32 (0..100)	Inc Atmpts	An object containing the number of incoming trunk seizures from public network facilities.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasLstHrOutAtt	.1.1.1 3	R	Integer32 (0..100)	Out Atmpts	An object containing the number of outgoing trunk seizures from public network facilities.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasOccLstHrPnetAtt	.1.1.1 4	R	Integer32 (0..100)	Pnet Atmpts	An object containing the number of trunk seizures from public network facilities.
OCCUPANCY LAST-HOUR MEASUREMENTS					

Sample output of forms

list measurements occupancy last-hour											Page 1
Switch Name:					Date: 11:33 am THU MAY 28, 2015						
OCCUPANCY LAST-HOUR MEASUREMENTS											
Meas Minute	Static Occ	CP Occ	SM Occ	Idle Occ	Total Calls	Tandem Calls	Total Conn	Intcom Atmpts	Inc Atmpts	Out Atmpts	Pnet Atmpts
11:30	1	0	3	96	0	0	0	0	0	0	0
11:27	1	1	3	95	0	0	0	0	0	0	0
11:24	1	0	3	96	0	0	0	0	0	0	0
11:21	1	1	3	95	0	0	0	0	0	0	0
11:18	1	1	3	95	0	0	0	0	0	0	0
11:15	1	0	3	96	0	0	0	0	0	0	0
11:12	1	1	3	95	0	0	0	0	0	0	0
11:09	1	0	3	96	0	0	0	0	0	0	0
11:06	1	0	3	96	0	0	0	0	0	0	0
11:03	1	1	2	96	0	0	0	0	0	0	0
11:00	1	0	3	96	0	0	0	0	0	0	0
10:57	1	1	3	95	0	0	0	0	0	0	0
press CANCEL to quit -- press NEXT PAGE to continue											
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg											

Sample Output of SNMP Walk command:

```

snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-AURA-CM-
MIB.txt avCmMeasOccLstHr
avCmMeasOccLstHrMeasMinute.1036 = STRING: 10:36
avCmMeasOccLstHrMeasMinute.1039 = STRING: 10:39
:
:
avCmMeasOccLstHrMeasMinute.1133 = STRING: 11:33
avCmMeasOccLstHrRunDate.1036 = STRING: 11:34 am THU MAY 28, 2015
avCmMeasOccLstHrRunDate.1039 = STRING: 11:34 am THU MAY 28, 2015
:
:
avCmMeasOccLstHrRunDate.1133 = STRING: 11:34 am THU MAY 28, 2015
avCmMeasOccLstHrStatOcc.1036 = INTEGER: 1
avCmMeasOccLstHrStatOcc.1039 = INTEGER: 1
:
:
avCmMeasOccLstHrStatOcc.1133 = INTEGER: 1
avCmMeasOccLstHrCPOcc.1036 = INTEGER: 1
avCmMeasOccLstHrCPOcc.1039 = INTEGER: 1
:
:
avCmMeasOccLstHrCPOcc.1133 = INTEGER: 1
avCmMeasOccLstHrSMOcc.1036 = INTEGER: 3
avCmMeasOccLstHrSMOcc.1039 = INTEGER: 3
:
:
avCmMeasOccLstHrSMOcc.1133 = INTEGER: 3
avCmMeasOccLstHrIdleOcc.1036 = INTEGER: 95
avCmMeasOccLstHrIdleOcc.1039 = INTEGER: 95
:
:
avCmMeasOccLstHrIdleOcc.1133 = INTEGER: 95
avCmMeasOccLstHrTotCall.1036 = INTEGER: 0
avCmMeasOccLstHrTotCall.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrTotCall.1133 = INTEGER: 0

```

```

avCmMeasOccLstHrTandCall.1036 = INTEGER: 0
avCmMeasOccLstHrTandCall.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrTandCall.1133 = INTEGER: 0
avCmMeasOccLstHrTotConn.1036 = INTEGER: 0
avCmMeasOccLstHrTotConn.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrTotConn.1133 = INTEGER: 0
avCmMeasOccLstHrIntcomAtt.1036 = INTEGER: 0
avCmMeasOccLstHrIntcomAtt.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrIntcomAtt.1133 = INTEGER: 0
avCmMeasOccLstHrIncAtt.1036 = INTEGER: 0
avCmMeasOccLstHrIncAtt.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrIncAtt.1133 = INTEGER: 0
avCmMeasOccLstHrOutAtt.1036 = INTEGER: 0
avCmMeasOccLstHrOutAtt.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrOutAtt.1133 = INTEGER: 0
avCmMeasOccLstHrPnetAtt.1036 = INTEGER: 0
avCmMeasOccLstHrPnetAtt.1039 = INTEGER: 0
:
:
avCmMeasOccLstHrPnetAtt.1133 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOccBusIntvl

In Communication Manager Release 8.0, occupancy OID has been deprecated and replaced by the following occupancy OID corresponding to the avCmMeasOccBusIntvl MIB.

MIB group name	New OID name	New OID	Type
avCmMeasOccBusIntvl	avCmMeasOccBusIntvlOcc	enterprises.6889.2.73.8.1.34.1.1.15	Table

Description

The avCmMeasOccBusIntvl MIB Group uses the **list occupancy busiest-intervals** command to retrieve the occupancy data from the busiest intervals.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOccBusIntvl	SAT	<code>list occupancy busiest-intervals</code>	OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOccBusIntvl Table	.1	n/a	SEQUENCE OF avCmMeasOccBusI ntvlEntry	n/a	An object that contains a list of the avCmMeasOccBusI ntvl entries
avCmMeasOccBusIntvl Entry	.1.1	n/a	avCmMeasOccBusI ntvlEntry	n/a	A avCmMeasOccBusI ntvl entry containing objects of the avCmMeasOccBusI ntvl information sent by the switch.
avCmMeasOccBusIntvl Idx	.1.1.1	n/a	Integer32 (0..2300)	n/a	An object that uniquely identifies each increment of data.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOccBusIntvl DateofOcc	.1.1.2	R	Integer32 (0..12)	Meas Hour	An object containing the date and time of occurrence.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl RunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl StatOcc	.1.1.4	R	Integer32 (0..100)	Occupancy	An object that contains the processor utilized by static processes.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl TotCall	.1.1.8	R	Integer32 (0..100)	Total Calls	An object containing the total calls connected to the measurement hour.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl TandCall	.1.1.9	R	Integer32 (0..100)	Tandem Calls	An object containing trunk-to-trunk calls connected for the measurement hour.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl TotConn	.1.1.10	R	Integer32 (0..100)	Total Conn	An object containing the total calls connected for the measurement hour.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl IntcomAtt	.1.1.11	R	Integer32 (0..100)	Intcom Atmpts	An object containing the number of extension-to-extension calls on the same switch and partially completed

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					calls for the measurement hour.
avCmMeasOccBusIntvl IncAtt	.1.1.1 2	R	Integer32 (0..100)	Inc Atmpts	An object containing the number of incoming trunk seizures from public network facilities.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl OutAtt	.1.1.1 3	R	Integer32 (0..100)	Out Atmpts	An object containing the number of outgoing trunk seizures from public network facilities.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					
avCmMeasOccBusIntvl PnetAtt	.1.1.1 4	R	Integer32 (0..100)	Pnet Atmpts	An object containing the number of trunk seizures from public network facilities.
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements occupancy busiest-intervals Page 1
Switch Name: Date: 12:43 pm THU MAY 28, 2015
OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS
Date of Static CP SM Idle Total Tandem Total Intcom Inc Out Pnet
Occurrence Occ Occ Occ Occ Calls Calls Conn Atmpts Atmpts Atmpts Atmpts
05/19/11:03 1 1 2 96 0 0 0 0 0 0 0 0
05/19/11:45 1 1 2 96 0 0 0 0 0 0 0 0
05/19/12:03 1 1 3 95 0 0 0 0 0 0 0 0
05/19/14:12 1 1 2 96 0 0 0 0 0 0 0 0
05/19/15:00 1 1 2 96 0 0 0 0 0 0 0 0
05/19/17:09 1 1 3 95 0 0 0 0 0 0 0 0
05/19/18:06 1 1 2 96 0 0 0 0 0 0 0 0
05/19/19:00 1 1 2 96 0 0 0 0 0 0 0 0
05/19/20:03 1 1 3 95 0 0 0 0 0 0 0 0
05/19/21:03 1 1 3 95 0 0 0 0 0 0 0 0
05/19/22:03 1 1 1 97 0 0 0 0 0 0 0 0
05/19/23:09 1 1 3 95 0 0 0 0 0 0 0 0
press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```


Sample Output of SNMP Walk command:

```

server1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmMeasOccBusIntvl
avCmMeasOccBusIntvlDateofOcc.5191103 = STRING: 05/19/11:03
avCmMeasOccBusIntvlDateofOcc.5191145 = STRING: 05/19/11:45
:
:
avCmMeasOccBusIntvlDateofOcc.5200815 = STRING: 05/20/08:15
avCmMeasOccBusIntvlRunDate.5191103 = STRING: 12:44 pm THU MAY 28, 2015
avCmMeasOccBusIntvlRunDate.5191145 = STRING: 12:44 pm THU MAY 28, 2015
:
:
avCmMeasOccBusIntvlRunDate.5200815 = STRING: 12:44 pm THU MAY 28, 2015
avCmMeasOccBusIntvlStatOcc.5191103 = INTEGER: 1
avCmMeasOccBusIntvlStatOcc.5191145 = INTEGER: 1
:
:
avCmMeasOccBusIntvlStatOcc.5200815 = INTEGER: 1
avCmMeasOccBusIntvlCPOcc.5191103 = INTEGER: 1
avCmMeasOccBusIntvlCPOcc.5191145 = INTEGER: 1
:
:
avCmMeasOccBusIntvlCPOcc.5200815 = INTEGER: 1
avCmMeasOccBusIntvlSMOcc.5191103 = INTEGER: 2
avCmMeasOccBusIntvlSMOcc.5191145 = INTEGER: 2
:
:
avCmMeasOccBusIntvlSMOcc.5200815 = INTEGER: 2
avCmMeasOccBusIntvlIdleOcc.5191103 = INTEGER: 96
avCmMeasOccBusIntvlIdleOcc.5191145 = INTEGER: 96
:
:
avCmMeasOccBusIntvlIdleOcc.5200815 = INTEGER: 96
avCmMeasOccBusIntvlTotCall.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTotCall.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlTotCall.5200815 = INTEGER: 0
avCmMeasOccBusIntvlTandCall.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTandCall.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlTandCall.5200815 = INTEGER: 0
avCmMeasOccBusIntvlTotConn.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTotConn.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlTotConn.5200815 = INTEGER: 0
avCmMeasOccBusIntvlIntcomAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlIntcomAtt.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlIntcomAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlIncAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlIncAtt.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlIncAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlOutAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlOutAtt.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlOutAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlPnetAtt.5191103 = INTEGER: 0

```

```

avCmMeasOccBusIntvlPnetAtt.5191145 = INTEGER: 0
:
:
avCmMeasOccBusIntvlPnetAtt.5200815 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasTrkGrpSumLstHr

MIB group name	OID	Type
avCmMeasTrkGrpSumLstHr	enterprises.6889.2.73.8.1.35	Table

Description

The avCmMeasTrkGrpSumLstHr MIB Group uses the **list measurements trunk-group summary last-hour** command to retrieve trunk data from the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasTrkGrpSumLstHr	SAT	list measurements trunk-group summary last-hour	TRUNK GROUP SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLstHrTable	.1	n/a	SEQUENCE OF avCmMeasLstHrEntry	n/a	An object that contains a list of the avCmMeasLstHr entries
avCmMeasLstHrEntry	.1.1	n/a	avCmMeasLstHrEntry	n/a	A avCmMeasLstHr entry containing objects of the avCmMeasLstHr information sent by the switch.
avCmMeasLstHrTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasTrkGrpSumLstHrTrunkGroup	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrMeasHour	.1.1.4	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrGroupSize	.1.1.5	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrTotalUsage	.1.1.6	R	Integer32 (0..9999)	Total Usage	An object containing the total time trunks are busy with calls during the measurement period (in CCS).
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrTotalSeize	.1.1.7	R	Integer32 (0..999999)	Total Seize	An object containing the number of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUP SUMMARY REPORT					times a trunk was seized in the group including false starts, don't answer and busy.
avCmMeasTrkGrpSumLstHrIncSeize	.1.1.8	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures carried on the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrGrpOvflow	.1.1.9	R	Integer32 (0..999999)	Grp Ovfl	An object containing the number of calls offered to a trunk group that are not carried or queued.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrQueSiz	.1.1.10	R	Integer32 (0..9999)	Que Siz	An object containing a number that identifies the number of slots assigned to the trunk group queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrCallQued	.1.1.11	R	Integer32 (0..9999)	Call Qued	An object containing the total number of calls that entered the trunk group queue after finding all trunks busy.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrQueOvf	.1.1.12	R	Integer32 (0..9999)	Que Ovf	An object containing the total number of calls that were not queued because the queue was full.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrQueAbd	.1.1.13	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrOutSrv	.1.1.14	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group that are out of service
TRUNK GROUP SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSumLstHrPercentAtb	.1.1.1.5	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrPercentOutBlk	.1.1.1.6	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are not carried on the group.
TRUNK GROUP SUMMARY REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements trunk-group summary last-hour Page 1
Switch Name:                                     Date: 3:23 pm THU MAY 28, 2015

                TRUNK GROUP SUMMARY REPORT

        Peak Hour For All Trunk Groups: 1400

Grp  Grp  Grp  Grp  Grp  Total  Total  Inc.  Grp  Que  Call  Que  Que  Out  %  %
No.  Siz  Type Dir  Hour Usage Seize Seize Ovfl Siz Qued Ovfl Abd Srv ATB Out
1    2    sip  two 1400 0    0    0    0    0    0    0    0    0    0    0
2    23   isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
3    30   isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
4    4    isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
5    23   isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
15   4    isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
97   4    sip  two 1400 0    0    0    0    0    0    0    0    0    0    0
200  4    isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
201  4    isdn two 1400 0    0    0    0    0    0    0    0    0    0    0
202  4    isdn two 1400 0    0    0    0    0    0    0    0    0    0    0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasTrkGrpSumLstHr
avCmMeasTrkGrpSumLstHrTrunkGroup.1 = INTEGER: 1
avCmMeasTrkGrpSumLstHrTrunkGroup.2 = INTEGER: 2
:
:
avCmMeasTrkGrpSumLstHrTrunkGroup.604 = INTEGER: 604
avCmMeasTrkGrpSumLstHrRunDate.1 = STRING: 3:26 pm THU MAY 28, 2015
avCmMeasTrkGrpSumLstHrRunDate.2 = STRING: 3:26 pm THU MAY 28, 2015
:
:
avCmMeasTrkGrpSumLstHrRunDate.604 = STRING: 3:26 pm THU MAY 28, 2015
avCmMeasTrkGrpSumLstHrMeasHour.1 = INTEGER: 1400
avCmMeasTrkGrpSumLstHrMeasHour.2 = INTEGER: 1400
:

```

```

:
avCmMeasTrkGrpSumLstHrMeasHour.604 = INTEGER: 1400
avCmMeasTrkGrpSumLstHrGroupSize.1 = INTEGER: 2
avCmMeasTrkGrpSumLstHrGroupSize.2 = INTEGER: 23
:
:
avCmMeasTrkGrpSumLstHrGroupSize.604 = INTEGER: 2
avCmMeasTrkGrpSumLstHrTotalUsage.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalUsage.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrTotalUsage.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalSeize.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrTotalSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrIncSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrIncSeize.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrIncSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrGrpOvflow.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrGrpOvflow.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrGrpOvflow.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueSiz.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueSiz.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrQueSiz.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrCallQued.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrCallQued.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrCallQued.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueOvf.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueOvf.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrQueOvf.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueAbd.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueAbd.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrQueAbd.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrOutSrv.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrOutSrv.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrOutSrv.604 = INTEGER: 2
avCmMeasTrkGrpSumLstHrPercentAtb.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrPercentAtb.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrPercentAtb.604 = INTEGER: 100
avCmMeasTrkGrpSumLstHrPercentOutBlk.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrPercentOutBlk.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumLstHrPercentOutBlk.604 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasTrkGrpSumToday Group

MIB group name	OID	Type
avCmMeasTrkGrpSumToday	enterprises.6889.2.73.8.1.36	Table

Description

The avCmMeasTrkGrpSumToday MIB Group uses the `list measurements trunk-group summary today-hour` command to retrieve trunk from today.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasTrkGrpSumToday	SAT	<code>list measurements trunk-group summary today-hour</code>	TRUNK GROUP SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSum TodayTable	.1	n/a	SEQUENCE OF avCmMeasLstHrEn try	n/a	An object that contains a list of the avCmMeasTrkGrpS umToday entries
avCmMeasTrkGrpSum TodayEntry	.1.1	n/a	avCmMeasLstHrEn try	n/a	A avCmMeasTrkGrpS umToday entry containing objects of the avCmMeasTrkGrpS umToday information sent by the switch.
avCmMeasTrkGrpSum TodayTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasTrkGrpSum TodayTrunkGroup	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For All Trunk Groups	An object containing the peak traffic hour for all trunk groups.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayMeasHour	.1.1.5	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayGroupSize	.1.1.6	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayTotalUsage	.1.1.7	R	Integer32 (0..9999)	Total Usage	An object containing the total time trunks are busy

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUP SUMMARY REPORT					with calls during the measurement period (in CCS).
avCmMeasTrkGrpSum TodayTotalSeize	.1.1.8	R	Integer32 (0..999999)	Total Seize	An object containing the number of times a trunk was seized in the group including false starts, don't answer and busy.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayIncSeize	.1.1.9	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures carried on the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayGrpOvflow	.1.1.10	R	Integer32 (0..999999)	Grp Ovfl	An object containing the number of calls offered to a trunk group that are not carried or queued.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueSiz	.1.1.11	R	Integer32 (0..9999)	Que Siz	An object containing a number that identifies the number of slots assigned to the trunk group queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayCallQued	.1.1.12	R	Integer32 (0..9999)	Call Qued	An object containing the total number of calls that entered the trunk group queue after finding all trunks busy.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueOvf	.1.1.13	R	Integer32 (0..9999)	Que Ovf	An object containing the total number of calls that were not queued because the queue was full.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueAbd	.1.1.14	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSum TodayOutSrv	.1.1.1 5	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group that are out of service
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPercentAtb	.1.1.1 6	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPercentOutBlk	.1.1.1 7	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are not carried on the group.
TRUNK GROUP SUMMARY REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements trunk-group summary today-peak Page 1
Switch Name: Date: 5:16 pm THU MAY 28, 2015
TRUNK GROUP SUMMARY REPORT
Peak Hour For All Trunk Groups: 1600
Grp  Grp  Grp  Grp  Meas  Total  Total  Inc.  Grp  Que  Call  Que  Que  Out  %  %
No.  Siz  Type Dir  Hour Usage Seize Seize Ovfl Siz Qued Ovfl Abd Srv ATB Out
1    2   sip  two  1600  0      0      0    0    0    0    0    0    0    0    0
2    23  isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
3    30  isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
4    4   isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
5    23  isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
15   4   isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
97   4   sip   two  1600  0      0      0    0    0    0    0    0    0    0    0
200  4   isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
201  4   isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
202  4   isdn  two  1600  0      0      0    0    0    0    0    0    0    0    0
press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasTrkGrpSumToday
avCmMeasTrkGrpSumTodayTrunkGroup.1 = INTEGER: 1
avCmMeasTrkGrpSumTodayTrunkGroup.2 = INTEGER: 2
:
:
avCmMeasTrkGrpSumTodayTrunkGroup.604 = INTEGER: 604

```

```

avCmMeasTrkGrpSumTodayRunDate.1 = STRING: 5:18 pm   THU MAY 28, 2015
avCmMeasTrkGrpSumTodayRunDate.2 = STRING: 5:18 pm   THU MAY 28, 2015
:
:
avCmMeasTrkGrpSumTodayRunDate.604 = STRING: 5:18 pm   THU MAY 28, 2015
avCmMeasTrkGrpSumTodayPeakHour.1 = INTEGER: 1600
avCmMeasTrkGrpSumTodayPeakHour.2 = INTEGER: 1600
:
:
avCmMeasTrkGrpSumTodayPeakHour.604 = INTEGER: 1600
avCmMeasTrkGrpSumTodayMeasHour.1 = INTEGER: 1600
avCmMeasTrkGrpSumTodayMeasHour.2 = INTEGER: 1600
:
:
avCmMeasTrkGrpSumTodayMeasHour.604 = INTEGER: 1600
avCmMeasTrkGrpSumTodayGroupSize.1 = INTEGER: 2
avCmMeasTrkGrpSumTodayGroupSize.2 = INTEGER: 23
:
:
avCmMeasTrkGrpSumTodayGroupSize.604 = INTEGER: 2
avCmMeasTrkGrpSumTodayTotalUsage.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalUsage.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayTotalUsage.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalSeize.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayTotalSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayIncSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayIncSeize.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayIncSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayGrpOvflow.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayGrpOvflow.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayGrpOvflow.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueSiz.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueSiz.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayQueSiz.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayCallQued.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayCallQued.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayCallQued.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueOvf.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueOvf.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayQueOvf.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueAbd.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueAbd.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayQueAbd.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayOutSrv.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayOutSrv.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayOutSrv.604 = INTEGER: 2

```

```

avCmMeasTrkGrpSumTodayPercentAtb.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayPercentAtb.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayPercentAtb.604 = INTEGER: 100
avCmMeasTrkGrpSumTodayPercentOutBlk.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayPercentOutBlk.2 = INTEGER: 0
:
:
avCmMeasTrkGrpSumTodayPercentOutBlk.604 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasTrkGrpSumYest

MIB group name	OID	Type
avCmMeasTrkGrpSumYest	enterprises.6889.2.73.8.1.37	Table

Description

The avCmMeasTrkGrpSumYest MIB Group uses the **list measurements trunk-group summary yesterday** command to retrieve trunk from yesterday.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasTrkGrpSumYest	SAT	list measurements trunk-group summary yesterday	TRUNK GROUP SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSumYestTable	.1	n/a	SEQUENCE OF avCmMeasTrkGrpSumYestEntry	n/a	An object that contains a list of the avCmMeasTrkGrpSumYest entries
avCmMeasTrkGrpSumYestEntry	.1.1	n/a	avCmMeasTrkGrpSumYestEntry	n/a	A avCmMeasTrkGrpSumYest entry containing objects of the avCmMeasTrkGrpSumYest information sent by the switch.
avCmMeasTrkGrpSumYestTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasTrkGrpSumYestTrunkGroup	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For All Trunk Groups	An object containing the peak traffic hour for all trunk groups.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestMeasHour	.1.1.5	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSumYestGroupSize	.1.1.6	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestTotalUsage	.1.1.7	R	Integer32 (0..9999)	Total Usage	An object containing the total time trunks are busy with calls during the measurement period (in CCS).
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestTotalSeize	.1.1.8	R	Integer32 (0..999999)	Total Seize	An object containing the number of times a trunk was seized in the group including false starts, don't answer and busy.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestIncSeize	.1.1.9	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures carried on the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestGrpOvflow	.1.1.10	R	Integer32 (0..999999)	Grp Ovfl	An object containing the number of calls offered to a trunk group that are not carried or queued.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestQueSiz	.1.1.11	R	Integer32 (0..9999)	Que Siz	An object containing a number that identifies the number of slots assigned to the trunk group queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestCallQued	.1.1.12	R	Integer32 (0..9999)	Call Qued	An object containing the total number of calls that entered the trunk group queue after finding all trunks busy.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestQueOvf	.1.1.13	R	Integer32 (0..9999)	Que Ovf	An object containing the total number of calls that were not queued because the queue was full.
TRUNK GROUP SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasTrkGrpSum YestQueAbd	.1.1.1 4	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestOutSrv	.1.1.1 5	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group that are out of service
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestPercentAtb	.1.1.1 6	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestPercentOutBlk	.1.1.1 7	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are not carried on the group.
TRUNK GROUP SUMMARY REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements trunk-group summary yesterday-peak Page 1
Switch Name: Date: 5:21 pm THU MAY 28, 2015

TRUNK GROUP SUMMARY REPORT

Peak Hour For All Trunk Groups: 2300

Grp  Grp  Grp  Grp  Meas  Total  Total  Inc.  Grp  Que  Call  Que  Que  Out  %  %
No.  Siz  Type Dir  Hour Usage Seize Seize Ovfl Siz Qued Ovfl Abd Srv ATB Out
2    23  isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
3    30  isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
4    4   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
5    23  isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
15   4   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
97   4   sip  two 2300 0    0    0    0    0    0    0    0    0    0    0    0
200  4   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
201  4   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
202  4   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0
300  0   isdn two 2300 0    0    0    0    0    0    0    0    0    0    0    0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```


Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmMeasSecViolationSum
avCmMeasSecViolationSumPortType." = STRING:
avCmMeasSecViolationSumRunDate." = STRING: 8:32 am FRI MAY 29, 2015
avCmMeasSecViolationSumCountSince." = STRING: system initialization
avCmMeasSecViolationSumValidBC." = INTEGER: 0
avCmMeasSecViolationSumInvalidBC." = INTEGER: 0
avCmMeasSecViolationSumBC." = INTEGER: 0
avCmMeasSecViolationSumValidStnSecCode." = INTEGER: 0
avCmMeasSecViolationSumInvalidStnSecCode." = INTEGER: 0
avCmMeasSecViolationSumValidTrkSecCode." = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotValidSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotInvalidSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotSecCode." = INTEGER: 0
avCmMeasSecViolationSumValidStnAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidStnAC." = INTEGER: 0
avCmMeasSecViolationSumValidTrkAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkAC." = INTEGER: 0
avCmMeasSecViolationSumValidRemAccAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidRemAccAC." = INTEGER: 0
avCmMeasSecViolationSumValidAtdAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidAtdAC." = INTEGER: 0
avCmMeasSecViolationSumValidTotAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidTotAC." = INTEGER: 0
avCmMeasSecViolationSumTotAC." = INTEGER: 0
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOutTrkLstHr

MIB group name	OID	Type
avCmMeasOutTrkLstHr	enterprises.6889.2.73.8.1.38	Table

Description

The avCmMeasOutTrkLstHr MIB Group uses the **list measurements trunk-group outage-trunk last-hour** command to retrieve trunk outage data from the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOutTrkLstHr	SAT	list measurements trunk-group outage-trunk last-hour	TRUNK OUT OF SERVICE REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkLstHr Table	.1	n/a	SEQUENCE OF avCmMeasOutTrkLstHrEntry	n/a	An object that contains a list of the avCmMeasOutTrkLstHr entries
avCmMeasOutTrkLstHr Entry	.1.1	n/a	avCmMeasOutTrkLstHrEntry	n/a	A avCmMeasOutTrkLstHr entry containing objects of the avCmMeasOutTrkLstHr information sent by the switch.
avCmMeasOutTrkLstHr TrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasOutTrkLstHr GrpMbrIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.
TRUNK OUT OF SERVICE REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkLstHr TrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkLstHr RunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkLstHr GrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkLstHr GrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkLstHr Outages	.1.1.7	R	Integer32 (0..999)	#Sampled Outages	An object containing the number of sampled outages for the trunk group member
TRUNK OUT OF SERVICE REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /home/ljm
list measurements outage-trunk last-hour Page 1

Switch Name:                               Date: 7:25 am MON JUN 29, 2015

          TRUNK OUT OF SERVICE REPORT
(trunks sampled for 'out-of-service' condition once each hour)
Grp  Grp  Grp  Grp  Grp  #Sampled
No.  Type Dir  Size Mbr# Outages
1    isdn two  1    1    1
11   isdn two  1    1    1
11   isdn two  2    1    1
11   isdn two  3    1    1
11   isdn two  4    1    1
11   isdn two  5    1    1
11   isdn two  6    1    1
11   isdn two  7    1    1
11   isdn two  8    1    1
11   isdn two  9    1    1
11   isdn two 10    1    1
11   isdn two 11    1    1
11   isdn two 12    1    1

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA
-CM-MIB.txt avCmMeasOutTrkLstHr
avCmMeasOutTrkLstHrTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrTrunkGroup.11.1 = INTEGER: 11
:
:
avCmMeasOutTrkLstHrTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkLstHrRunDate.1.1 = STRING: 7:22 am MON JUN 29, 2015
avCmMeasOutTrkLstHrRunDate.11.1 = STRING: 7:22 am MON JUN 29, 2015
:
:
avCmMeasOutTrkLstHrRunDate.11.255 = STRING: 7:22 am MON JUN 29, 2015
avCmMeasOutTrkLstHrGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrGrpSize.11.1 = INTEGER: 0
:
:
avCmMeasOutTrkLstHrGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkLstHrGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrGrpMbr.11.1 = INTEGER: 1
:
:
avCmMeasOutTrkLstHrGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkLstHrOutages.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrOutages.11.1 = INTEGER: 1
:
:
avCmMeasOutTrkLstHrOutages.11.255 = INTEGER: 1

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOutTrkToday

MIB group name	OID	Type
avCmMeasOutTrkToday Group	enterprises.6889.2.73.8.1.39	Table

Description

The avCmMeasOutTrkToday MIB Group uses the **list measurements outage-trunk today** command to retrieve trunk outage data from the today.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOutTrkToday	SAT	<code>list measurements outage-trunk today</code>	TRUNK OUT OF SERVICE REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkTodayTable	.1	n/a	SEQUENCE OF avCmMeasOutTrkTodayEntry	n/a	An object that contains a list of the avCmMeasOutTrkToday entries
avCmMeasOutTrkTodayEntry	.1.1	n/a	avCmMeasOutTrkTodayEntry	n/a	A avCmMeasOutTrkToday entry containing objects of the avCmMeasOutTrkToday information sent by the switch.
avCmMeasOutTrkTodayTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasOutTrkTodayGrpMbrIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.
TRUNK OUT OF SERVICE REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkTodayTrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkTodayRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkTodayGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkTodayGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkTodayOutages	.1.1.7	R	Integer32 (0..999)	#Sampled Outages	An object containing the number of sampled outages for the trunk group member.
TRUNK OUT OF SERVICE REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /home/ljm
list measurements outage-trunk today Page 1

Switch Name: Date: 7:27 am MON JUN 29, 2015

TRUNK OUT OF SERVICE REPORT
(trunks sampled for 'out-of-service' condition once each hour)
Grp  Grp  Grp  Grp  Grp  #Sampled
No.  Type Dir  Size Mbr# Outages
1    isdn two 1    1    7
11   isdn two 1    1    7
11   isdn two 2    2    7
11   isdn two 3    3    7
11   isdn two 4    4    7
11   isdn two 5    5    7
11   isdn two 6    6    7
11   isdn two 7    7    7
11   isdn two 8    8    7
11   isdn two 9    9    7
11   isdn two 10   10   7
11   isdn two 11   11   7
11   isdn two 12   12   7

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AV
AYA-AURA-CM-MIB.txt avCmMeasOutTrkToday
avCmMeasOutTrkTodayTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkTodayTrunkGroup.11.1 = INTEGER: 11
:
:
avCmMeasOutTrkTodayTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkTodayRunDate.1.1 = STRING: 7:22 am MON JUN 29, 2015
avCmMeasOutTrkTodayRunDate.11.1 = STRING: 7:22 am MON JUN 29, 2015
:
:
avCmMeasOutTrkTodayRunDate.11.255 = STRING: 7:22 am MON JUN 29, 2015
avCmMeasOutTrkTodayGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkTodayGrpSize.11.1 = INTEGER: 0
:
:
avCmMeasOutTrkTodayGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkTodayGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkTodayGrpMbr.11.1 = INTEGER: 1
:
:
avCmMeasOutTrkTodayGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkTodayOutages.1.1 = INTEGER: 7
avCmMeasOutTrkTodayOutages.11.1 = INTEGER: 7
:
:
avCmMeasOutTrkTodayOutages.11.255 = INTEGER: 7

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasOutTrkYest

MIB group name	OID	Type
avCmMeasOutTrkYest Group	enterprises.6889.2.73.8.1.40	Table

Description

The avCmMeasOutTrkYest MIB Group uses the **list measurements outage-trunk yesterday** command to retrieve trunk outage from yesterday.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasOutTrkYest	SAT	<code>list measurements outage-trunk yesterday</code>	TRUNK OUT OF SERVICE REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkYest Table	.1	n/a	SEQUENCE OF avCmMeasOutTrkY estEntry	n/a	An object that contains a list of the avCmMeasOutTrkY est entries
avCmMeasOutTrkYest Entry	.1.1	n/a	avCmMeasOutTrkY estEntry	n/a	A avCmMeasOutTrkY est entry containing objects of the avCmMeasOutTrkY est information sent by the switch.
avCmMeasOutTrkYest TrunkGrpldx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasOutTrkYest GrpMbriIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.
TRUNK OUT OF SERVICE REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOutTrkYest TrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest RunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest GrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest GrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest Outages	.1.1.7	R	Integer32 (0..999)	#Sampled Outages	An object containing the number of sampled outages for the trunk group member.
TRUNK OUT OF SERVICE REPORT					

Sample output of forms

```

List measurements outage-trunk yesterday
Page 1

Switch Name:
Date: 7:28 am MON JUN 29, 2015

TRUNK OUT OF SERVICE REPORT
(trunks sampled for "out-of-service" condition once each hour)
Grp Grp Grp Grp Grp #Sampled
No. Type Dir Size Mbr# Outages
1 isdn two 1 1 24
11 isdn two 1 1 24
11 isdn two 2 24
11 isdn two 3 24
11 isdn two 4 24
11 isdn two 5 24
11 isdn two 6 24
11 isdn two 7 24
11 isdn two 8 24
11 isdn two 9 24
11 isdn two 10 24
11 isdn two 11 24
11 isdn two 12 24

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```


Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/A
VAYA-AURA-CM-MIB.txt avCmMeasOutTrkYest
avCmMeasOutTrkYestTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkYestTrunkGroup.11.1 = INTEGER: 11
:
:
avCmMeasOutTrkYestTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkYestRunDate.1.1 = STRING: 7:30 am MON JUN 29, 2015
avCmMeasOutTrkYestRunDate.11.1 = STRING: 7:30 am MON JUN 29, 2015
:
:
avCmMeasOutTrkYestRunDate.11.255 = STRING: 7:30 am MON JUN 29, 2015
avCmMeasOutTrkYestGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkYestGrpSize.11.1 = INTEGER: 0
:
:
avCmMeasOutTrkYestGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkYestGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkYestGrpMbr.11.1 = INTEGER: 1
:
:
avCmMeasOutTrkYestGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkYestOutages.1.1 = INTEGER: 24
avCmMeasOutTrkYestOutages.11.1 = INTEGER: 24
:
:
avCmMeasOutTrkYestOutages.11.255 = INTEGER: 24
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasLightUseTrkLstHr

MIB group name	OID	Type
avCmMeasLightUseTrkLstHr Group	enterprises.6889.2.73.8.1.41	Table

Description

The avCmMeasLightUseTrkLstHr MIB Group uses the **list measurements lightly-used-trunk last-hour** command to retrieve lightly used trunk data from the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasLightUseTrkLstHr	SAT	<code>list measurements lightly-used-trunk last-hour</code>	TRUNK LIGHTLY USED REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkLstHrTable	.1	n/a	SEQUENCE OF avCmMeasLightUseTrkLstHrEntry	n/a	An object that contains a list of the avCmMeasLightUseTrkLstHr entries
avCmMeasLightUseTrkLstHrEntry	.1.1	n/a	avCmMeasLightUseTrkLstHrEntry	n/a	A avCmMeasLightUseTrkLstHr entry containing objects of the avCmMeasLightUseTrkLstHr information sent by the switch.
avCmMeasLightUseTrkLstHrTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasLightUseTrkLstHrGrpMbrIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrk LstHrTrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk LstHrRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk LstHrGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk LstHrGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk LstHrCallsCarried	.1.1.7	R	Integer32 (0..999)	Calls Carried	An object containing the number of calls carried over the trunk member.
TRUNK LIGHTLY USED REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements lightly-used-trunk last-hour Page 1

Switch Name: Date: 8:00 am FRI MAY 29, 2015

TRUNK LIGHTLY USED REPORT
(five trunks with lowest number of calls carried)

Grp  Grp  Grp  Grp  Grp  Calls
No.  Type Dir Size Mbr# Carried
1    sip  two  2    1    0
1    sip  two  2    2    0
2    isdn two  23   1    0
2    isdn two  23   2    0
2    isdn two  23   3    0
2    isdn two  23   4    0
2    isdn two  23   5    0
3    isdn two  30   1    0
3    isdn two  30   2    0
3    isdn two  30   3    0
3    isdn two  30   4    0
3    isdn two  30   5    0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasLightUseTrkLstHr
avCmMeasLightUseTrkLstHrTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkLstHrTrunkGroup.1.2 = INTEGER: 1
:
:
avCmMeasLightUseTrkLstHrTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkLstHrRunDate.1.1 = STRING: 8:08 am FRI MAY 29, 2015
avCmMeasLightUseTrkLstHrRunDate.1.2 = STRING: 8:08 am FRI MAY 29, 2015
:
:
avCmMeasLightUseTrkLstHrRunDate.604.2 = STRING: 8:08 am FRI MAY 29, 2015
avCmMeasLightUseTrkLstHrGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkLstHrGrpSize.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkLstHrGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkLstHrGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkLstHrGrpMbr.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkLstHrCallsCarried.604.2 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasLightUseTrkToday

MIB group name	OID	Type
avCmMeasLightUseTrkToday Group	enterprises.6889.2.73.8.1.42	Table

Description

The avCmMeasLightUseTrkToday MIB Group uses the **list measurements lightly-used-trunk today** command to retrieve lightly used trunk data from today.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasLightUseTrkToday	SAT	<code>list measurements lightly-used-trunk today</code>	TRUNK LIGHTLY USED REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkTodayTable	.1	n/a	SEQUENCE OF avCmMeasLightUseTrkTodayEntry	n/a	An object that contains a list of the avCmMeasLightUseTrkToday entries
avCmMeasLightUseTrkTodayEntry	.1.1	n/a	avCmMeasLightUseTrkTodayEntry	n/a	A avCmMeasLightUseTrkToday entry containing objects of the avCmMeasLightUseTrkToday information sent by the switch.
avCmMeasLightUseTrkTodayTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasLightUseTrkTodayGrpMbrIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkTodayTrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkTodayRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkTodayGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkTodayGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkTodayCallsCarried	.1.1.7	R	Integer32 (0..999)	Calls Carried	An object containing the number of calls carried over the trunk member.
TRUNK LIGHTLY USED REPORT					

Sample output of forms

```
list measurements lightly-used-trunk today Page 1

Switch Name: Date: 8:10 am FRI MAY 29, 2015

      TRUNK LIGHTLY USED REPORT
    (five trunks with lowest number of calls carried)

Grp  Grp  Grp  Grp  Grp  Calls
No.  Type Dir Size Mbr# Carried
1    sip  two  2    1    0
1    sip  two  2    2    0
2    isdn two  23   1    0
2    isdn two  23   2    0
2    isdn two  23   3    0
2    isdn two  23   4    0
2    isdn two  23   5    0
3    isdn two  30   1    0
3    isdn two  30   2    0
3    isdn two  30   3    0
3    isdn two  30   4    0
3    isdn two  30   5    0

      press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasLightUseTrkToday
```

```

avCmMeasLightUseTrkTodayTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkTodayTrunkGroup.1.2 = INTEGER: 1
:
:
avCmMeasLightUseTrkTodayTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkTodayRunDate.1.1 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkTodayRunDate.1.2 = STRING: 8:13 am  FRI MAY 29, 2015
:
:
avCmMeasLightUseTrkTodayRunDate.604.2 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkTodayGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkTodayGrpSize.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkTodayGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkTodayGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkTodayGrpMbr.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkTodayCallsCarried.604.2 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasLightUseTrkYest

MIB group name	OID	Type
avCmMeasLightUseTrkYest Group	enterprises.6889.2.73.8.1.43	Table

Description

The avCmMeasLightUseTrkYest MIB Group uses the **list measurements lightly-used-trunk yesterday** command to retrieve lightly used trunk data from yesterday.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasLightUseTrkYest	SAT	list measurements lightly-used-trunk yesterday	TRUNK LIGHTLY USED REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkYestTable	.1	n/a	SEQUENCE OF avCmMeasLightUseTrkYestEntry	n/a	An object that contains a list of the avCmMeasLightUseTrkYest entries
avCmMeasLightUseTrkYestEntry	.1.1	n/a	avCmMeasLightUseTrkYestEntry	n/a	A avCmMeasLightUseTrkYest entry containing objects of the avCmMeasLightUseTrkYest information sent by the switch.
avCmMeasLightUseTrkYestTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasLightUseTrkYestGrpMbIdx	.1.1.2	n/a	Integer32 (0..255)	n/a	An object that uniquely identifies each increment of data.
avCmMeasLightUseTrkYestTrunkGroup	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK LIGHTLY USED REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkYestRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkYestGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkYestGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkYestCallsCarried	.1.1.7	R	Integer32 (0..999)	Calls Carried	An object containing the number of calls carried over the trunk member.
TRUNK LIGHTLY USED REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements lightly-used-trunk yesterday Page 1

Switch Name:                               Date: 8:17 am  FRI MAY 29, 2015

      TRUNK LIGHTLY USED REPORT
    (five trunks with lowest number of calls carried)

Grp  Grp  Grp  Grp  Grp  Calls
No.  Type Dir  Size Mbr# Carried
1    sip  two   2    1    0
1    sip  two   2    2    0
2    isdn two  23    1    0
2    isdn two  23    2    0
2    isdn two  23    3    0
2    isdn two  23    4    0
2    isdn two  23    5    0
3    isdn two  30    1    0
3    isdn two  30    2    0
3    isdn two  30    3    0
3    isdn two  30    4    0
3    isdn two  30    5    0

      press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasLightUseTrkTodayYest
avCmMeasLightUseTrkYestTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkYestTrunkGroup.1.2 = INTEGER: 1
:
:

```

```

avCmMeasLightUseTrkYestTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkYestRunDate.1.1 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkYestRunDate.1.2 = STRING: 8:13 am  FRI MAY 29, 2015
:
:
avCmMeasLightUseTrkYestRunDate.604.2 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkYestGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkYestGrpSize.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkYestGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkYestGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkYestGrpMbr.1.2 = INTEGER: 2
:
:
avCmMeasLightUseTrkYestGrpMbr.604.2 = INTEGER: 2
avCmMeasLightUseTrkYestCallsCarried.1.1 = INTEGER: 0
avCmMeasLightUseTrkYestCallsCarried.1.2 = INTEGER: 0
:
:
avCmMeasLightUseTrkYestCallsCarried.604.2 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasSecViolationSum Group

MIB group name	OID	Type
avCmMeasSecViolationSum Group	enterprises.6889.2.73.8.1.44	Table

Description

The avCmMeasSecViolationSum MIB group uses the **list measurements security-violations summary** command to retrieve security violation data.

Releases Supported

6.3.100 and later

Polling Type

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasSecViolationSum Group	SAT	<code>list measurements security-violations summary</code>	SECURITY VIOLATIONS SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasSecViolationSumTable	.1	n/a	SEQUENCE OF AvCmMeasSecViolationSumEntry	n/a	An object that contains a list of the avCmMeasSecViolationSum entries
AvCmMeasSecViolationSumEntry	.1.1	n/a	AvCmMeasSecViolationSumEntry	n/a	A avCmMeasSecViolationSum entry containing objects of the avCmMeasSecViolationSum information sent by the switch.
avCmMeasSecViolationSumPortTypeIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..11))	n/a	An object that uniquely identifies each increment of data.
avCmMeasSecViolationSumPortType	.1.1.2	R	SnmpAdminString (SIZE (0..11))	Port Type	An object containing the port type.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the Date the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SECURITY VIOLATIONS SUMMARY REPORT					command was executed.
avCmMeasSecViolationSumCountSince	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Counted Since	An object containing when the counts started being kept.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidBC	.1.1.5	R	Integer32 (0..9999999)	Valid Barrier Codes	An object containing the total number of times a entered a valid barrier code.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidBC	.1.1.6	R	Integer32 (0..9999999)	Invalid Barrier Codes	An object containing the total number of times a user entered a invalid barrier code.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumBC	.1.1.7	R	Integer32 (0..9999999)	Total Barrier Codes	An object containing the total number of security violations for barrier codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidStnSecCode	.1.1.8	R	Integer32 (0..9999999)	Valid Station Security Codes	An object containing the number of calls originating from stations that generated valid station security codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidStnSecCode	.1.1.9	R	Integer32 (0..9999999)	Invalid Station Security Codes	An object containing the number of calls originating from stations that generated invalid station security codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTrkSecCode	.1.1.10	R	Integer32 (0..9999999)	Valid Trunk Security Codes	An object containing the number of calls originating from trunks that generated valid

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SECURITY VIOLATIONS SUMMARY REPORT					station security codes.
avCmMeasSecViolationSumInvalidTrkSecCode	.1.1.11	R	Integer32 (0..9999999)	Invalid Trunk Security Codes	An object containing the number of calls originating from trunks that generated invalid station security codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotValidSecCode	.1.1.12	R	Integer32 (0..9999999)	Total Valid Security Codes	An object containing the number of total calls that generated valid station security codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotInvalidSecCode	.1.1.13	R	Integer32 (0..9999999)	Total Invalid Security Codes	An object containing the number of total calls that generated invalid station security codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotSecCode	.1.1.14	R	Integer32 (0..9999999)	Total Station Security Code Violations	An object containing the number of total calls that generated station security violations.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidStnAC	.1.1.15	R	Integer32 (0..9999999)	Valid Station Authorization Codes	An object containing the number of calls originating from stations that generated valid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidStnAC	.1.1.16	R	Integer32 (0..9999999)	Invalid Station Authorization Codes	An object containing the number of calls originating from stations that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTrkAC	.1.1.17	R	Integer32 (0..9999999)	Valid Trunk Authorization Codes	An object containing the number of calls originating from trunks that

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SECURITY VIOLATIONS SUMMARY REPORT					generated valid authorization codes.
avCmMeasSecViolationSumInvalidTrkAC	.1.1.18	R	Integer32 (0..9999999)	Invalid Trunk Authorization Codes	An object containing the number of calls originating from trunks that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidRemAccAC	.1.1.19	R	Integer32 (0..9999999)	Valid Remote Access Authorization Codes	An object containing the number of calls originating from remote access that generated valid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidRemAccAC	.1.1.20	R	Integer32 (0..9999999)	Invalid Remote Access Authorization Codes	An object containing the number of calls originating from remote access that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidAttdAC	.1.1.21	R	Integer32 (0..9999999)	Valid Attendant Authorization Codes	An object containing the number of calls originating from attendants that generated valid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidAttdAC	.1.1.22	R	Integer32 (0..9999999)	Invalid Attendant Authorization Codes	An object containing the number of calls originating from attendants that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTotAC	.1.1.23	R	Integer32 (0..9999999)	Total Valid Authorization Codes	An object containing the number of calls that generated valid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidTotAC	.1.1.24	R	Integer32 (0..9999999)	Total Invalid Authorization Codes	An object containing the number of calls that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasSecViolationSumTotAC	.1.1.25	R	Integer32 (0..9999999)	Total Authorization Code Security Violations	An object containing the number of calls that generated security violations for authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements security-violations summary

Switch Name:                               Date: 8:31 am  FRI MAY 29, 2015

                SECURITY VIOLATIONS SUMMARY REPORT
            Counted Since: system initialization

Barrier Codes      Station Security Codes      Authorization Codes
-----
                Origination
                Station  Trunk  Total  Station  Trunk  Remote  Attd  Total
Valid           0         0      0      0         0      0       0      0
Invalid         0         0      0      0         0      0       0      0
Sec Viol        0         0      0      0         0      0       0      0

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmMeasSecViolationSum
avCmMeasSecViolationSumPortType." = STRING:
avCmMeasSecViolationSumRunDate." = STRING: 8:32 am  FRI MAY 29, 2015
avCmMeasSecViolationSumCountSince." = STRING: system initialization
avCmMeasSecViolationSumValidBC." = INTEGER: 0
avCmMeasSecViolationSumInvalidBC." = INTEGER: 0
avCmMeasSecViolationSumBC." = INTEGER: 0
avCmMeasSecViolationSumValidStnSecCode." = INTEGER: 0
avCmMeasSecViolationSumInvalidStnSecCode." = INTEGER: 0
avCmMeasSecViolationSumValidTrkSecCode." = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotValidSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotInvalidSecCode." = INTEGER: 0
avCmMeasSecViolationSumTotSecCode." = INTEGER: 0
avCmMeasSecViolationSumValidStnAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidStnAC." = INTEGER: 0
avCmMeasSecViolationSumValidTrkAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkAC." = INTEGER: 0
avCmMeasSecViolationSumValidRemAccAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidRemAccAC." = INTEGER: 0
avCmMeasSecViolationSumValidAttdAC." = INTEGER: 0
```

```

avCmMeasSecViolationSumInvalidAtdAC." = INTEGER: 0
avCmMeasSecViolationSumValidTotAC." = INTEGER: 0
avCmMeasSecViolationSumInvalidTotAC." = INTEGER: 0
avCmMeasSecViolationSumTotAC." = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMedGateway Group

MIB group name	OID	Type
avCmListMedGateway Group	enterprises.6889.2.73.8.1.45	Table

Description

The avCmListMedGateway MIB group uses the **list media-gateway** command to retrieve media-gateway data.

Releases Supported

6.3.100 and later

Polling Type

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMedGateway Group	SAT	list media-gateway	MEDIA-GATEWAY REPORT

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMedGateway Table	.1	n/a	SEQUENCE OF AvCmMeasSecViolationSumEntry	n/a	An object that contains a list of the avCmListMedGateway entries.
avCmListMedGateway Entry	.1.1	n/a	AvCmListMedGatewayEntry	n/a	A avCmListMedGateway entry containing objects of the avCmListMedGateway information sent by the switch.
avCmListMedGateway NumIdx	.1.1.1	n/a	Integer32 (0..999)	n/a	An object that uniquely identifies each increment of data.
avCmListMedGateway Number	.1.1.2	R	Integer32 (0..999)	Num	An object containing the Gateway Number.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Name	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the Name of the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGateway SerNum	.1.1.4	R	SnmpAdminString (SIZE (0..13))	Serial Number	An object containing the Serial Number.
MEDIA-GATEWAY REPORT					
avCmListMedGateway FWVersHWVint	.1.1.5	R	SnmpAdminString (SIZE (0..17))	FW Version/HW Vintage	An object containing the FW Version/HW Vintage.
MEDIA-GATEWAY REPORT					
avCmListMedGateway RecRule	.1.1.6	R	SnmpAdminString (SIZE (0..5))	RecRule	An object containing the recovery rule for the gateway.
MEDIA-GATEWAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMedGatewayI PV4Address	.1.1. 7	R	SnmpAdminString (SIZE (0..16))	IPv4 Address	An object containing the IPV4 Address of the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayI PV6Address	.1.1. 8	R	SnmpAdminString (SIZE (0..41))	IPv6 Address	An object containing the IPV6 Address of the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGateway ContrlAddr	.1.1. 9	R	SnmpAdminString (SIZE (0..41))	Cntrl IP Addr	An object containing the control IP Address.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Type	.1.1. 10	R	SnmpAdminString (SIZE (0..9))	Type	An object containing the gateway type.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Region	.1.1. 11	R	SnmpAdminString (SIZE (0..2000))	NetRgn	An object containing the network region assigned to the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Registered	.1.1. 12	R	SnmpAdminString (SIZE (0..2))	Reg?	An object containing whether the gateway is registered.
MEDIA-GATEWAY REPORT					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list media-gateway Page 1

MEDIA-GATEWAY REPORT						
Num	Name	Serial No/ FW Ver/HW Vint/ RecRule	IPV4 Address/ IPV6 Address/ Cntnl IP Addr	Type	NetRgn	Reg?
1	venus2-gw	09IS03214300 32 .9 .0 /0 1	135.9.78.91 10.129.178.77	g430	201	y
2	oliver-gw	09IS48292025 32 .12 .0 /1 1	135.9.77.24 10.129.178.77	g450	202	y
3	laural-gw	06IS41002948 32 .9 .0 /255 1	135.9.78.194 10.129.178.77	g450	3	y

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListMedGateway
avCmListMedGatewayNumber.1 = INTEGER: 1
avCmListMedGatewayNumber.2 = INTEGER: 2
:
:
avCmListMedGatewayNumber.10 = INTEGER: 10
avCmListMedGatewayName.1 = STRING: venus2-gw
avCmListMedGatewayName.2 = STRING: oliver-gw
:
:
avCmListMedGatewayName.10 = STRING: b4-v150-g450c
avCmListMedGatewaySerNum.1 = STRING: 09IS03214300
avCmListMedGatewaySerNum.2 = STRING: 09IS48292025
:
:
avCmListMedGatewaySerNum.10 = STRING: 09IS43271393
avCmListMedGatewayFWVersHWVint.1 = STRING: 32 .9 .0 /0
avCmListMedGatewayFWVersHWVint.2 = STRING: 32 .12 .0 /1
:
:
avCmListMedGatewayFWVersHWVint.10 = STRING: 33 .11 .0 /1
avCmListMedGatewayRecRule.1 = STRING: 1
avCmListMedGatewayRecRule.2 = STRING: 1
:
:
avCmListMedGatewayRecRule.10 = STRING: 1
avCmListMedGatewayIPV4Address.1 = STRING: 135.9.78.91
avCmListMedGatewayIPV4Address.2 = STRING: 135.9.77.24
:
:
avCmListMedGatewayIPV4Address.10 = STRING: 135.9.181.157
avCmListMedGatewayIPV6Address.1 = STRING:
avCmListMedGatewayIPV6Address.2 = STRING:
:
```

```

:
avCmListMedGatewayIPv6Address.10 = STRING: 2002:8709:b5fe::157
avCmListMedGatewayContrlAddr.1 = STRING: 10.129.178.77
avCmListMedGatewayContrlAddr.2 = STRING: 10.129.178.77
:
:
avCmListMedGatewayContrlAddr.10 = STRING: 10.129.178.77
avCmListMedGatewayType.1 = STRING: g430
avCmListMedGatewayType.2 = STRING: g450
:
:
avCmListMedGatewayType.10 = STRING: g450
avCmListMedGatewayRegion.1 = INTEGER: 201
avCmListMedGatewayRegion.2 = INTEGER: 202
:
:
avCmListMedGatewayRegion.10 = INTEGER: 10
avCmListMedGatewayRegistered.1 = STRING: y
avCmListMedGatewayRegistered.2 = STRING: y
:
:
avCmListMedGatewayRegistered.10 = STRING: y

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListConfigMedGateway Group

MIB group name	OID	Type
avCmListConfigMedGateway Group	enterprises.6889.2.73.8.1.46	Table

Description

The avCmListConfigMedGateway MIB group uses the **list configuration media-gateway** command to retrieve media-gateway data.

Releases Supported

6.3.100 and later

Polling Type

Polling Interval

No more than once a day or after configuration changes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListConfigMedGateway Group	SAT	<code>list media-gateway</code>	SYSTEM CONFIGURATION
	SAT	<code>list configuration media-gateway</code>	SYSTEM CONFIGURATION

Reference Document

1. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.
2. A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListConfigMedGatewayTable	.1	n/a	SEQUENCE OF AvCmListConfigMedGatewayEntry	n/a	An object that contains a list of the avCmListConfigMedGateway entries.
avCmListConfigMedGatewayEntry	.1.1	n/a	AvCmListMedGatewayEntry	n/a	A avCmListConfigMedGateway entry containing objects of the avCmListConfigMedGateway information sent by the switch.
avCmListConfigMedGatewayNumIdx	.1.1.1	n/a	Integer32 (0..999)	n/a	An object that contains that uniquely identifies a media gateway.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListConfigMedGat ewayBoardIdx	.1.1. 2	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigMedGat ewayBoardNumber	.1.1. 3	R	SnmpAdminString (SIZE (0..28))	Board Number	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
SYSTEM CONFIGURATION					
avCmListConfigMedGat ewayBoardType	.1.1. 4	R	SnmpAdminString (SIZE (0..20))	Board Type	An object containing the type of board.
SYSTEM CONFIGURATION					
avCmListConfigMedGat ewayCode	.1.1. 5	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION					
avCmListConfigMedGat ewayVintage	.1.1. 6	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION					
avCmListConfigMedGat ewayAssignedPorts	.1.1. 7	R	SnmpAdminString (SIZE (0..193))	Assigned Ports	An object that specifies the assignment of the port. A string representing integers identical to the port numbers that are assigned. The char (u) indicates that the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CONFIGURATION					port is unassigned. The char (t) indicates that the port is assigned via the TTI feature. The char (p) indicates that the port is assigned via the PSA feature. A NULL char or string indicates that the port(s) does not exist or is not administered on that board.

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list media-gateway Page 1

          MEDIA-GATEWAY REPORT

Num Name          Serial No/  IPV4 Address/  Type  NetRgn  Reg?
          FW Ver/HW Vint/  IPV6 Address/
          RecRule          Cntrl IP Addr

1  venus2-gw      09IS03214300  135.9.78.91   g430   201     y
          32 .9 .0 /0
          1          10.129.178.77

2  oliver-gw      09IS48292025  135.9.77.24   g450   202     y
          32 .12 .0 /1
          1          10.129.178.77

3  laural-gw      06IS41002948  135.9.78.194   g450    3      y
          32 .9 .0 /255
          1          10.129.178.77

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list configuration media-gateway 1

SYSTEM CONFIGURATION

Board Number   Board Type      Code    Vintage    Assigned Ports
u=unassigned t=tti p=psa
001V1          ICC MM          S8300D  HW01 FW001
001V3          ANA MM          MM714BP HW20 FW201 u u u u u u u u

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListConfigMedGateway
avCmListConfigMedGatewayBoardNumber.1."001V1" = STRING: 001V1
avCmListConfigMedGatewayBoardNumber.1."001V3" = STRING: 001V3
:
:
avCmListConfigMedGatewayBoardNumber.10."010V8" = STRING: 010V8
avCmListConfigMedGatewayBoardType.1."001V1" = STRING: ICC MM
avCmListConfigMedGatewayBoardType.1."001V3" = STRING: ANA MM
:
:
avCmListConfigMedGatewayCode.10."010V8" = STRING: MM711AP
avCmListConfigMedGatewayVintage.1."001V1" = STRING: HW01 FW001
avCmListConfigMedGatewayVintage.1."001V3" = STRING: HW20 FW201
:
:
avCmListConfigMedGatewayVintage.10."010V8" = STRING: HW31 FW087
avCmListConfigMedGatewayAssignedPorts.1."001V1" = STRING:
avCmListConfigMedGatewayAssignedPorts.1."001V3" = STRING: u u u u u u
u u
:
:
avCmListConfigMedGatewayAssignedPorts.10."010V8" = STRING: u u u u u u u u
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusMedGateway

MIB group name	OID	Type
avCmStatusMedGateway	enterprises.6889.2.73.8.1.47	Scalar

Description

The avCmStatusMedGateway MIB Group uses the **media-gateways** command to retrieve the gateway health information.

Releases Supported

6.3.100 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusMedGateway	SAT	status media-gateways	GATEWAY STATUS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlmMajor	.1	R	Integer32 (0..9999)	Alarms Major	An object that contains the number of major alarms.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlmMinor	.2	R	Integer32 (0..9999)	Alarms Major	An object that contains the number of minor alarms.
GATEWAY STATUS					
avCmStatusMedGatewayAlmWarning	.3	R	Integer32 (0..9999)	Alarms Warning	An object that contains the number of warning alarms.
GATEWAY STATUS					
avCmStatusMedGatewayBusyOutTrunks	.4	R	Integer32 (0..9999)	BUSYOUT Trunks	An object that contains the number of Busied Out Trunks.
GATEWAY STATUS					
avCmStatusMedGatewayBusyOutStations	.5	R	Integer32 (0..9999)	BUSYOUT Stations	An object that contains the number of Busied Out stations.
GATEWAY STATUS					
avCmStatusMedGatewayH248LinksDown	.6	R	Integer32 (0..9999)	Links Down	An object containing the total number of media gateways administered in a system that do not have a H.248 link established to the media gateway controller.
GATEWAY STATUS					
avCmStatusMedGatewayH248LinksUp	.7	R	Integer32 (0..9999)	Links Up	An object containing the total number of media gateways administered in a system that do have a H.248 link established to the media gateway controller.
GATEWAY STATUS					
avCmStatusMedGatewayNbrLogins	.8	R	Integer32 (0..99)	# Logins	An object containing the total number of logins into the system.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms1	.9	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					alarms, warnings, and the H.248 link status for each specific media gateway number.
avCmStatusMedGatewayAlarms2	.10	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms3	.11	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms4	.12	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms5	.13	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings,

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					and the H.248 link status for each specific media gateway number.
avCmStatusMedGatewayAlarms6	.14	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms7	.15	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms8	.16	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms9	.17	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					link status for each specific media gateway number.
avCmStatusMedGatewayAlarms10	.18	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms11	.19	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms12	.20	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms13	.21	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms14	.22	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms15	.23	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms16	.24	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms17	.25	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms18	.26	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms19	.27	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms20	.28	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms21	.29	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms22	.30	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms23	.31	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms24	.32	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms25	.33	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms26	.34	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms27	.35	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms28	.36	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms29	.37	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms30	.38	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms31	.39	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms32	.40	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms33	.41	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms34	.42	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms35	.43	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms36	.44	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms37	.45	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms38	.46	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms39	.47	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms40	.48	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms41	.49	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms42	.50	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms43	.51	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms44	.52	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms45	.53	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms46	.54	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms47	.55	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms48	.56	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms49	.57	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms50	.58	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms51	.59	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms52	.60	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms53	.61	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms54	.62	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms55	.63	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms56	.64	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms57	.65	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms58	.66	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms59	.67	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms60	.68	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms61	.69	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms62	.70	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms63	.71	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms64	.72	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms65	.73	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms66	.74	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms67	.75	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms68	.76	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms69	.77	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms70	.78	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms71	.79	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms72	.80	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms73	.81	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms74	.82	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms75	.83	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms76	.84	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms77	.85	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms78	.86	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms79	.87	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms80	.88	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms81	.89	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms82	.90	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms83	.91	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms84	.92	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms85	.93	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms86	.94	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms87	.95	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms88	.96	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms89	.97	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms90	.98	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms91	.99	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms92	.100	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms93	.101	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms94	.102	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms95	.103	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms96	.104	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms97	.105	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms98	.106	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms99	.107	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms100	.108	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms101	.109	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms102	.110	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms103	.111	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms104	.112	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms105	.113	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms106	.114	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms107	.115	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms108	.116	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms109	.117	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms110	.118	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms111	.119	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms112	.120	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms113	.121	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms114	.122	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms115	.123	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms116	.124	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms117	.125	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms118	.126	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms119	.127	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms120	.128	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms121	.129	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms122	.130	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms123	.131	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms124	.132	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms125	.133	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms126	.134	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms127	.135	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms128	.136	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms129	.137	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms130	.138	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms131	.139	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms132	.140	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms133	.141	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms134	.142	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms135	.143	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms136	.144	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms137	.145	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms138	.146	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms139	.147	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms140	.148	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms141	.149	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms142	.150	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms143	.151	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms144	.152	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms145	.153	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms146	.154	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms147	.155	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms148	.156	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms149	.157	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms150	.158	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms151	.159	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms152	.160	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms153	.161	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms154	.162	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms155	.163	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms156	.164	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms157	.165	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms158	.166	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms159	.167	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms160	.168	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms161	.169	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms162	.170	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms163	.171	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms164	.172	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms165	.173	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms166	.174	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms167	.175	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms168	.176	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms169	.177	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms170	.178	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms171	.179	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms172	.180	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms173	.181	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms174	.182	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms175	.183	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms176	.184	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms177	.185	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms178	.186	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms179	.187	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms180	.188	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms181	.189	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms182	.190	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms183	.191	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms184	.192	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms185	.193	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms186	.194	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms187	.195	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms188	.196	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms189	.197	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms190	.198	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms191	.199	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms192	.200	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms193	.201	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms194	.202	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms195	.203	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms196	.204	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms197	.205	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms198	.206	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms199	.207	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms200	.208	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms201	.209	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms202	.210	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms203	.211	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms204	.212	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms205	.213	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms206	.214	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms207	.215	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms208	.216	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms209	.217	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms210	.218	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms211	.219	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms212	.220	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms213	.221	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms214	.222	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms215	.223	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms216	.224	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms217	.225	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms218	.226	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms219	.227	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms220	.228	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms221	.229	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms222	.230	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms223	.231	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms224	.232	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms225	.233	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms226	.234	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms227	.235	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms228	.236	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms229	.237	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms230	.238	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms231	.239	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms232	.240	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms233	.241	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms234	.242	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms235	.243	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms236	.244	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms237	.245	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms238	.246	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms239	.247	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms240	.248	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms241	.249	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms242	.250	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms243	.251	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms244	.252	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms245	.253	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms246	.254	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms247	.255	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms248	.256	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms249	.257	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					each specific media gateway number.
avCmStatusMedGatewayAlarms250	.258	R	Integer32 (0..9999)	Assigned Ports	An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number.
GATEWAY STATUS					

 Note:

The value of the **Object Name** increments by 1 till 999, and automatically the value of the **OID** also increments by 1 till 1007.

Example:

Object Name	OID
avCmStatusMedGatewayAlarms251	.259
avCmStatusMedGatewayAlarms252	.260
...	...
avCmStatusMedGatewayAlarms998	.1006
avCmStatusMedGatewayAlarms999	.1007

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status media-gateways

ALARM SUMMARY      BUSY-OUT SUMMARY      H.248 LINK SUMMARY      # Logins: 02
Major:      0      Trunks:      0      Links Down:      0
Minor:      1      Stations:      0      Links Up:      9
Warning:      9

GATEWAY STATUS

Alarms      Alarms      Alarms      Alarms      Alarms
MG Mj Mn Wn Lk  MG Mj Mn Wn Lk  MG Mj Mn Wn Lk  MG Mj Mn Wn Lk  MG Mj Mn Wn Lk
1  0 1 0 1 up    10 0 1 0 1 up
2  0 1 0 3 up
3  0 1 0 0 up
4  0 1 0 4 up
5  0 1 0 0 up
6  0 1 1 2 up
8  0 1 0 0 up
9  0 1 0 0 up

Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmStatusMedGateway
avCmStatusMedGatewayAlmMajor.0 = INTEGER: 0
avCmStatusMedGatewayAlmMinor.0 = INTEGER: 1
avCmStatusMedGatewayAlmWarning.0 = INTEGER: 9
avCmStatusMedGatewayBusyOutTrunks.0 = INTEGER: 0
avCmStatusMedGatewayBusyOutStations.0 = INTEGER: 0
avCmStatusMedGatewayH248LinksDown.0 = INTEGER: 0
avCmStatusMedGatewayH248LinksUp.0 = INTEGER: 9
avCmStatusMedGatewayNbrLogins.0 = INTEGER: 2
avCmStatusMedGatewayAlarms1.0 = STRING: MG 1 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms2.0 = STRING: MG 2 Mj 0 Mn 0 Wn 3 Lk up
avCmStatusMedGatewayAlarms3.0 = STRING: MG 3 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms4.0 = STRING: MG 4 Mj 0 Mn 0 Wn 4 Lk up
avCmStatusMedGatewayAlarms5.0 = STRING: MG 5 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms6.0 = STRING: MG 6 Mj 0 Mn 1 Wn 2 Lk up
avCmStatusMedGatewayAlarms7.0 = STRING: MG 8 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms8.0 = STRING: MG 9 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms9.0 = STRING: MG 10 Mj 0 Mn 0 Wn 0 Lk up
avCmStatusMedGatewayAlarms10.0 = STRING:
avCmStatusMedGatewayAlarms11.0 = STRING:
avCmStatusMedGatewayAlarms12.0 = STRING:
avCmStatusMedGatewayAlarms13.0 = STRING:
avCmStatusMedGatewayAlarms14.0 = STRING:
avCmStatusMedGatewayAlarms15.0 = STRING:
avCmStatusMedGatewayAlarms16.0 = STRING:
avCmStatusMedGatewayAlarms17.0 = STRING:
avCmStatusMedGatewayAlarms18.0 = STRING:
avCmStatusMedGatewayAlarms19.0 = STRING:
avCmStatusMedGatewayAlarms20.0 = STRING:
avCmStatusMedGatewayAlarms21.0 = STRING:
avCmStatusMedGatewayAlarms22.0 = STRING:
avCmStatusMedGatewayAlarms23.0 = STRING:
avCmStatusMedGatewayAlarms24.0 = STRING:
avCmStatusMedGatewayAlarms25.0 = STRING:
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avCmStatusMedGatewayAlarms26.0 = STRING:
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avCmStatusMedGatewayAlarms44.0 = STRING:
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avCmStatusMedGatewayAlarms46.0 = STRING:
avCmStatusMedGatewayAlarms47.0 = STRING:
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avCmStatusMedGatewayAlarms55.0 = STRING:
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avCmStatusMedGatewayAlarms64.0 = STRING:
avCmStatusMedGatewayAlarms65.0 = STRING:
avCmStatusMedGatewayAlarms66.0 = STRING:
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avCmStatusMedGatewayAlarms681.0 = STRING:
avCmStatusMedGatewayAlarms682.0 = STRING:
avCmStatusMedGatewayAlarms683.0 = STRING:
avCmStatusMedGatewayAlarms684.0 = STRING:
avCmStatusMedGatewayAlarms685.0 = STRING:
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avCmStatusMedGatewayAlarms687.0 = STRING:
avCmStatusMedGatewayAlarms688.0 = STRING:
avCmStatusMedGatewayAlarms689.0 = STRING:
avCmStatusMedGatewayAlarms690.0 = STRING:
avCmStatusMedGatewayAlarms691.0 = STRING:
avCmStatusMedGatewayAlarms692.0 = STRING:
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avCmStatusMedGatewayAlarms695.0 = STRING:
avCmStatusMedGatewayAlarms696.0 = STRING:
avCmStatusMedGatewayAlarms697.0 = STRING:
avCmStatusMedGatewayAlarms698.0 = STRING:
avCmStatusMedGatewayAlarms699.0 = STRING:
avCmStatusMedGatewayAlarms700.0 = STRING:
avCmStatusMedGatewayAlarms701.0 = STRING:
avCmStatusMedGatewayAlarms702.0 = STRING:
avCmStatusMedGatewayAlarms703.0 = STRING:
avCmStatusMedGatewayAlarms704.0 = STRING:
avCmStatusMedGatewayAlarms705.0 = STRING:
avCmStatusMedGatewayAlarms706.0 = STRING:
avCmStatusMedGatewayAlarms707.0 = STRING:
avCmStatusMedGatewayAlarms708.0 = STRING:
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avCmStatusMedGatewayAlarms710.0 = STRING:
avCmStatusMedGatewayAlarms711.0 = STRING:
avCmStatusMedGatewayAlarms712.0 = STRING:
avCmStatusMedGatewayAlarms713.0 = STRING:
avCmStatusMedGatewayAlarms714.0 = STRING:
avCmStatusMedGatewayAlarms715.0 = STRING:
avCmStatusMedGatewayAlarms716.0 = STRING:
avCmStatusMedGatewayAlarms717.0 = STRING:
avCmStatusMedGatewayAlarms718.0 = STRING:
avCmStatusMedGatewayAlarms719.0 = STRING:
avCmStatusMedGatewayAlarms720.0 = STRING:
avCmStatusMedGatewayAlarms721.0 = STRING:
avCmStatusMedGatewayAlarms722.0 = STRING:
avCmStatusMedGatewayAlarms723.0 = STRING:
avCmStatusMedGatewayAlarms724.0 = STRING:
avCmStatusMedGatewayAlarms725.0 = STRING:
avCmStatusMedGatewayAlarms726.0 = STRING:
avCmStatusMedGatewayAlarms727.0 = STRING:
avCmStatusMedGatewayAlarms728.0 = STRING:
avCmStatusMedGatewayAlarms729.0 = STRING:
avCmStatusMedGatewayAlarms730.0 = STRING:
avCmStatusMedGatewayAlarms731.0 = STRING:
avCmStatusMedGatewayAlarms732.0 = STRING:
avCmStatusMedGatewayAlarms733.0 = STRING:
avCmStatusMedGatewayAlarms734.0 = STRING:
avCmStatusMedGatewayAlarms735.0 = STRING:
avCmStatusMedGatewayAlarms736.0 = STRING:
avCmStatusMedGatewayAlarms737.0 = STRING:
avCmStatusMedGatewayAlarms738.0 = STRING:
avCmStatusMedGatewayAlarms739.0 = STRING:
avCmStatusMedGatewayAlarms740.0 = STRING:

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avCmStatusMedGatewayAlarms741.0 = STRING:
avCmStatusMedGatewayAlarms742.0 = STRING:
avCmStatusMedGatewayAlarms743.0 = STRING:
avCmStatusMedGatewayAlarms744.0 = STRING:
avCmStatusMedGatewayAlarms745.0 = STRING:
avCmStatusMedGatewayAlarms746.0 = STRING:
avCmStatusMedGatewayAlarms747.0 = STRING:
avCmStatusMedGatewayAlarms748.0 = STRING:
avCmStatusMedGatewayAlarms749.0 = STRING:
avCmStatusMedGatewayAlarms750.0 = STRING:
avCmStatusMedGatewayAlarms751.0 = STRING:
avCmStatusMedGatewayAlarms752.0 = STRING:
avCmStatusMedGatewayAlarms753.0 = STRING:
avCmStatusMedGatewayAlarms754.0 = STRING:
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avCmStatusMedGatewayAlarms757.0 = STRING:
avCmStatusMedGatewayAlarms758.0 = STRING:
avCmStatusMedGatewayAlarms759.0 = STRING:
avCmStatusMedGatewayAlarms760.0 = STRING:
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avCmStatusMedGatewayAlarms762.0 = STRING:
avCmStatusMedGatewayAlarms763.0 = STRING:
avCmStatusMedGatewayAlarms764.0 = STRING:
avCmStatusMedGatewayAlarms765.0 = STRING:
avCmStatusMedGatewayAlarms766.0 = STRING:
avCmStatusMedGatewayAlarms767.0 = STRING:
avCmStatusMedGatewayAlarms768.0 = STRING:
avCmStatusMedGatewayAlarms769.0 = STRING:
avCmStatusMedGatewayAlarms770.0 = STRING:
avCmStatusMedGatewayAlarms771.0 = STRING:
avCmStatusMedGatewayAlarms772.0 = STRING:
avCmStatusMedGatewayAlarms773.0 = STRING:
avCmStatusMedGatewayAlarms774.0 = STRING:
avCmStatusMedGatewayAlarms775.0 = STRING:
avCmStatusMedGatewayAlarms776.0 = STRING:
avCmStatusMedGatewayAlarms777.0 = STRING:
avCmStatusMedGatewayAlarms778.0 = STRING:
avCmStatusMedGatewayAlarms779.0 = STRING:
avCmStatusMedGatewayAlarms780.0 = STRING:
avCmStatusMedGatewayAlarms781.0 = STRING:
avCmStatusMedGatewayAlarms782.0 = STRING:
avCmStatusMedGatewayAlarms783.0 = STRING:
avCmStatusMedGatewayAlarms784.0 = STRING:
avCmStatusMedGatewayAlarms785.0 = STRING:
avCmStatusMedGatewayAlarms786.0 = STRING:
avCmStatusMedGatewayAlarms787.0 = STRING:
avCmStatusMedGatewayAlarms788.0 = STRING:
avCmStatusMedGatewayAlarms789.0 = STRING:
avCmStatusMedGatewayAlarms790.0 = STRING:
avCmStatusMedGatewayAlarms791.0 = STRING:
avCmStatusMedGatewayAlarms792.0 = STRING:
avCmStatusMedGatewayAlarms793.0 = STRING:
avCmStatusMedGatewayAlarms794.0 = STRING:
avCmStatusMedGatewayAlarms795.0 = STRING:
avCmStatusMedGatewayAlarms796.0 = STRING:
avCmStatusMedGatewayAlarms797.0 = STRING:
avCmStatusMedGatewayAlarms798.0 = STRING:
avCmStatusMedGatewayAlarms799.0 = STRING:
avCmStatusMedGatewayAlarms800.0 = STRING:
avCmStatusMedGatewayAlarms801.0 = STRING:
avCmStatusMedGatewayAlarms802.0 = STRING:
avCmStatusMedGatewayAlarms803.0 = STRING:
avCmStatusMedGatewayAlarms804.0 = STRING:
avCmStatusMedGatewayAlarms805.0 = STRING:

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avCmStatusMedGatewayAlarms806.0 = STRING:
avCmStatusMedGatewayAlarms807.0 = STRING:
avCmStatusMedGatewayAlarms808.0 = STRING:
avCmStatusMedGatewayAlarms809.0 = STRING:
avCmStatusMedGatewayAlarms810.0 = STRING:
avCmStatusMedGatewayAlarms811.0 = STRING:
avCmStatusMedGatewayAlarms812.0 = STRING:
avCmStatusMedGatewayAlarms813.0 = STRING:
avCmStatusMedGatewayAlarms814.0 = STRING:
avCmStatusMedGatewayAlarms815.0 = STRING:
avCmStatusMedGatewayAlarms816.0 = STRING:
avCmStatusMedGatewayAlarms817.0 = STRING:
avCmStatusMedGatewayAlarms818.0 = STRING:
avCmStatusMedGatewayAlarms819.0 = STRING:
avCmStatusMedGatewayAlarms820.0 = STRING:
avCmStatusMedGatewayAlarms821.0 = STRING:
avCmStatusMedGatewayAlarms822.0 = STRING:
avCmStatusMedGatewayAlarms823.0 = STRING:
avCmStatusMedGatewayAlarms824.0 = STRING:
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avCmStatusMedGatewayAlarms830.0 = STRING:
avCmStatusMedGatewayAlarms831.0 = STRING:
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avCmStatusMedGatewayAlarms833.0 = STRING:
avCmStatusMedGatewayAlarms834.0 = STRING:
avCmStatusMedGatewayAlarms835.0 = STRING:
avCmStatusMedGatewayAlarms836.0 = STRING:
avCmStatusMedGatewayAlarms837.0 = STRING:
avCmStatusMedGatewayAlarms838.0 = STRING:
avCmStatusMedGatewayAlarms839.0 = STRING:
avCmStatusMedGatewayAlarms840.0 = STRING:
avCmStatusMedGatewayAlarms841.0 = STRING:
avCmStatusMedGatewayAlarms842.0 = STRING:
avCmStatusMedGatewayAlarms843.0 = STRING:
avCmStatusMedGatewayAlarms844.0 = STRING:
avCmStatusMedGatewayAlarms845.0 = STRING:
avCmStatusMedGatewayAlarms846.0 = STRING:
avCmStatusMedGatewayAlarms847.0 = STRING:
avCmStatusMedGatewayAlarms848.0 = STRING:
avCmStatusMedGatewayAlarms849.0 = STRING:
avCmStatusMedGatewayAlarms850.0 = STRING:
avCmStatusMedGatewayAlarms851.0 = STRING:
avCmStatusMedGatewayAlarms852.0 = STRING:
avCmStatusMedGatewayAlarms853.0 = STRING:
avCmStatusMedGatewayAlarms854.0 = STRING:
avCmStatusMedGatewayAlarms855.0 = STRING:
avCmStatusMedGatewayAlarms856.0 = STRING:
avCmStatusMedGatewayAlarms857.0 = STRING:
avCmStatusMedGatewayAlarms858.0 = STRING:
avCmStatusMedGatewayAlarms859.0 = STRING:
avCmStatusMedGatewayAlarms860.0 = STRING:
avCmStatusMedGatewayAlarms861.0 = STRING:
avCmStatusMedGatewayAlarms862.0 = STRING:
avCmStatusMedGatewayAlarms863.0 = STRING:
avCmStatusMedGatewayAlarms864.0 = STRING:
avCmStatusMedGatewayAlarms865.0 = STRING:
avCmStatusMedGatewayAlarms866.0 = STRING:
avCmStatusMedGatewayAlarms667.0 = STRING:
avCmStatusMedGatewayAlarms868.0 = STRING:
avCmStatusMedGatewayAlarms869.0 = STRING:
avCmStatusMedGatewayAlarms870.0 = STRING:
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avCmStatusMedGatewayAlarms871.0 = STRING:
avCmStatusMedGatewayAlarms872.0 = STRING:
avCmStatusMedGatewayAlarms873.0 = STRING:
avCmStatusMedGatewayAlarms874.0 = STRING:
avCmStatusMedGatewayAlarms875.0 = STRING:
avCmStatusMedGatewayAlarms876.0 = STRING:
avCmStatusMedGatewayAlarms877.0 = STRING:
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avCmStatusMedGatewayAlarms885.0 = STRING:
avCmStatusMedGatewayAlarms886.0 = STRING:
avCmStatusMedGatewayAlarms887.0 = STRING:
avCmStatusMedGatewayAlarms888.0 = STRING:
avCmStatusMedGatewayAlarms889.0 = STRING:
avCmStatusMedGatewayAlarms890.0 = STRING:
avCmStatusMedGatewayAlarms891.0 = STRING:
avCmStatusMedGatewayAlarms892.0 = STRING:
avCmStatusMedGatewayAlarms893.0 = STRING:
avCmStatusMedGatewayAlarms894.0 = STRING:
avCmStatusMedGatewayAlarms895.0 = STRING:
avCmStatusMedGatewayAlarms896.0 = STRING:
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avCmStatusMedGatewayAlarms898.0 = STRING:
avCmStatusMedGatewayAlarms899.0 = STRING:
avCmStatusMedGatewayAlarms900.0 = STRING:
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avCmStatusMedGatewayAlarms902.0 = STRING:
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avCmStatusMedGatewayAlarms905.0 = STRING:
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avCmStatusMedGatewayAlarms907.0 = STRING:
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avCmStatusMedGatewayAlarms908.0 = STRING:
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avCmStatusMedGatewayAlarms911.0 = STRING:
avCmStatusMedGatewayAlarms912.0 = STRING:
avCmStatusMedGatewayAlarms913.0 = STRING:
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avCmStatusMedGatewayAlarms915.0 = STRING:
avCmStatusMedGatewayAlarms916.0 = STRING:
avCmStatusMedGatewayAlarms917.0 = STRING:
avCmStatusMedGatewayAlarms918.0 = STRING:
avCmStatusMedGatewayAlarms919.0 = STRING:
avCmStatusMedGatewayAlarms920.0 = STRING:
avCmStatusMedGatewayAlarms921.0 = STRING:
avCmStatusMedGatewayAlarms922.0 = STRING:
avCmStatusMedGatewayAlarms923.0 = STRING:
avCmStatusMedGatewayAlarms924.0 = STRING:
avCmStatusMedGatewayAlarms925.0 = STRING:
avCmStatusMedGatewayAlarms926.0 = STRING:
avCmStatusMedGatewayAlarms927.0 = STRING:
avCmStatusMedGatewayAlarms928.0 = STRING:
avCmStatusMedGatewayAlarms929.0 = STRING:
avCmStatusMedGatewayAlarms930.0 = STRING:
avCmStatusMedGatewayAlarms931.0 = STRING:
avCmStatusMedGatewayAlarms932.0 = STRING:
avCmStatusMedGatewayAlarms933.0 = STRING:
avCmStatusMedGatewayAlarms934.0 = STRING:

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avCmStatusMedGatewayAlarms935.0 = STRING:
avCmStatusMedGatewayAlarms936.0 = STRING:
avCmStatusMedGatewayAlarms937.0 = STRING:
avCmStatusMedGatewayAlarms938.0 = STRING:
avCmStatusMedGatewayAlarms939.0 = STRING:
avCmStatusMedGatewayAlarms940.0 = STRING:
avCmStatusMedGatewayAlarms941.0 = STRING:
avCmStatusMedGatewayAlarms942.0 = STRING:
avCmStatusMedGatewayAlarms943.0 = STRING:
avCmStatusMedGatewayAlarms944.0 = STRING:
avCmStatusMedGatewayAlarms945.0 = STRING:
avCmStatusMedGatewayAlarms946.0 = STRING:
avCmStatusMedGatewayAlarms947.0 = STRING:
avCmStatusMedGatewayAlarms948.0 = STRING:
avCmStatusMedGatewayAlarms949.0 = STRING:
avCmStatusMedGatewayAlarms950.0 = STRING:
avCmStatusMedGatewayAlarms951.0 = STRING:
avCmStatusMedGatewayAlarms952.0 = STRING:
avCmStatusMedGatewayAlarms953.0 = STRING:
avCmStatusMedGatewayAlarms954.0 = STRING:
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avCmStatusMedGatewayAlarms963.0 = STRING:
avCmStatusMedGatewayAlarms964.0 = STRING:
avCmStatusMedGatewayAlarms965.0 = STRING:
avCmStatusMedGatewayAlarms966.0 = STRING:
avCmStatusMedGatewayAlarms967.0 = STRING:
avCmStatusMedGatewayAlarms968.0 = STRING:
avCmStatusMedGatewayAlarms969.0 = STRING:
avCmStatusMedGatewayAlarms970.0 = STRING:
avCmStatusMedGatewayAlarms971.0 = STRING:
avCmStatusMedGatewayAlarms972.0 = STRING:
avCmStatusMedGatewayAlarms973.0 = STRING:
avCmStatusMedGatewayAlarms974.0 = STRING:
avCmStatusMedGatewayAlarms975.0 = STRING:
avCmStatusMedGatewayAlarms976.0 = STRING:
avCmStatusMedGatewayAlarms977.0 = STRING:
avCmStatusMedGatewayAlarms978.0 = STRING:
avCmStatusMedGatewayAlarms979.0 = STRING:
avCmStatusMedGatewayAlarms980.0 = STRING:
avCmStatusMedGatewayAlarms981.0 = STRING:
avCmStatusMedGatewayAlarms982.0 = STRING:
avCmStatusMedGatewayAlarms983.0 = STRING:
avCmStatusMedGatewayAlarms984.0 = STRING:
avCmStatusMedGatewayAlarms985.0 = STRING:
avCmStatusMedGatewayAlarms986.0 = STRING:
avCmStatusMedGatewayAlarms987.0 = STRING:
avCmStatusMedGatewayAlarms988.0 = STRING:
avCmStatusMedGatewayAlarms989.0 = STRING:
avCmStatusMedGatewayAlarms990.0 = STRING:
avCmStatusMedGatewayAlarms991.0 = STRING:
avCmStatusMedGatewayAlarms992.0 = STRING:
avCmStatusMedGatewayAlarms993.0 = STRING:
avCmStatusMedGatewayAlarms994.0 = STRING:
avCmStatusMedGatewayAlarms995.0 = STRING:
avCmStatusMedGatewayAlarms996.0 = STRING:
avCmStatusMedGatewayAlarms997.0 = STRING:
avCmStatusMedGatewayAlarms998.0 = STRING:
avCmStatusMedGatewayAlarms999.0 = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIpUnregistered

MIB group name	OID	Type
avCmListIpUnregistered Group	enterprises.6889.2.73.8.1.48	Table

Description

The avCmListIpUnregistered MIB Group uses the "list multimedia ip-unregistered" command to retrieve unregistered end-point data.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
	Bash SAT Bash/SAT	list multimedia ip-unregistered	UNREGISTERED IP TELEPHONES

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpUnregisteredTable	.1	n/a	SEQUENCE OF AvCmListIpUnregisteredEntry	n/a	An object that contains a list of the avCmListIpUnregistered entries.
avCmListIpUnregisteredEntry	.1.1	n/a	AvCmListMedGatewayEntry	n/a	A avCmListIpUnregistered entry containing objects of the avCmListIpUnregistered information sent by the switch.
avCmListIpUnregisteredExtIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that identifies each increment of data.
avCmListIpUnregisteredExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object that contains the extension.
UNREGISTERED IP TELEPHONES					
avCmListIpUnregisteredPort	.1.1.3	R	SnmpAdminString (SIZE (0..9))	Port	An object containing the Port of the unregistered endpoint.
UNREGISTERED IP TELEPHONES					
avCmListIpUnregisteredRegistered	.1.1.4	R	SnmpAdminString (SIZE (0..17))	Registered	An object containing a 'y' or 'n' value indicating whether the end-point is registered.
UNREGISTERED IP TELEPHONES					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list multimedia ip-unregistered

UNREGISTERED IP TELEPHONES

IP STATION
Ext      Port      Registered?
1000     S00000    n
1001     S00001    n
1003     S00002    n
1004     S00005    n
1005     S00006    n
1006     S00007    n
1008     S00008    n
1009     S00009    n
1012     S00010    n
4006     S00012    n
4007     S00013    n
4200     S00019    n
4300     S00020    n
538-4007 S00022    n

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmListIpUnregistered
avCmListIpUnregisteredExtension."1000" = STRING: 1000
avCmListIpUnregisteredExtension."1001" = STRING: 1001
avCmListIpUnregisteredExtension."1003" = STRING: 1003
avCmListIpUnregisteredExtension."1004" = STRING: 1004
avCmListIpUnregisteredExtension."1005" = STRING: 1005
avCmListIpUnregisteredExtension."1006" = STRING: 1006
avCmListIpUnregisteredExtension."1008" = STRING: 1008
avCmListIpUnregisteredExtension."1009" = STRING: 1009
avCmListIpUnregisteredExtension."1012" = STRING: 1012
avCmListIpUnregisteredExtension."4006" = STRING: 4006
avCmListIpUnregisteredExtension."4007" = STRING: 4007
avCmListIpUnregisteredExtension."4200" = STRING: 4200
avCmListIpUnregisteredExtension."4300" = STRING: 4300
avCmListIpUnregisteredExtension."5384007" = STRING: 538-4007
avCmListIpUnregisteredPort."1000" = STRING: S00000
avCmListIpUnregisteredPort."1001" = STRING: S00001
avCmListIpUnregisteredPort."1003" = STRING: S00002
avCmListIpUnregisteredPort."1004" = STRING: S00005
avCmListIpUnregisteredPort."1005" = STRING: S00006
avCmListIpUnregisteredPort."1006" = STRING: S00007
avCmListIpUnregisteredPort."1008" = STRING: S00008
avCmListIpUnregisteredPort."1009" = STRING: S00009
avCmListIpUnregisteredPort."1012" = STRING: S00010
avCmListIpUnregisteredPort."4006" = STRING: S00012
avCmListIpUnregisteredPort."4007" = STRING: S00013
avCmListIpUnregisteredPort."4200" = STRING: S00019
avCmListIpUnregisteredPort."4300" = STRING: S00020
avCmListIpUnregisteredPort."5384007" = STRING: S00022
avCmListIpUnregisteredRegistered."1000" = STRING: n
avCmListIpUnregisteredRegistered."1001" = STRING: n
avCmListIpUnregisteredRegistered."1003" = STRING: n
avCmListIpUnregisteredRegistered."1004" = STRING: n
avCmListIpUnregisteredRegistered."1005" = STRING: n
```

```

avCmListIpUnregisteredRegistered."1006" = STRING: n
avCmListIpUnregisteredRegistered."1008" = STRING: n
avCmListIpUnregisteredRegistered."1009" = STRING: n
avCmListIpUnregisteredRegistered."1012" = STRING: n
avCmListIpUnregisteredRegistered."4006" = STRING: n
avCmListIpUnregisteredRegistered."4007" = STRING: n
avCmListIpUnregisteredRegistered."4200" = STRING: n
avCmListIpUnregisteredRegistered."4300" = STRING: n
avCmListIpUnregisteredRegistered."5384007" = STRING: n

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListSurvProcess

MIB group name	OID	Type
avCmListSurvProcess Group	enterprises.6889.2.73.8.1.49	Table

Description

The avCmListSurvProcess MIB Group uses the `list survivable-processor` command to retrieve survivable-processor data.

Releases Supported

6.3.100 and later

Polling Type

Inventory

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListSurvProcess Group	SAT	<code>list survivable-processor</code>	SURVIVABLE PROCESSORS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListSurvProcessTable	.1	n/a	SEQUENCE OF AvCmListSurvProcessEntry	n/a	A list of the avCmListSurvProcess entries
avCmListSurvProcessEntry	.1.1	n/a	Integer32 (0..9999)	n/a	A avCmListSurvProcess entry containing objects of the avCmListSurvProcess information sent by the switch.
avCmListSurvProcessNumIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that identifies each increment of data.
a					
avCmListSurvProcessNumber	.1.1.2	R	Integer32 (0..9999)	Number	An object that contains the record number.
SURVIVABLE PROCESSORS					
avCmListSurvProcessName	.1.1.3	R	SnmpAdminString (SIZE (0..16))	Name	An object containing the name of the survivable processor.
SURVIVABLE PROCESSORS					
avCmListSurvProcessType	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the type of survivable processor.
SURVIVABLE PROCESSORS					
avCmListSurvProcessReg	.1.1.5	R	SnmpAdminString (SIZE (0..2))	Reg	An object containing whether the survivable processor is registered.
SURVIVABLE PROCESSORS					
avCmListSurvProcessAct	.1.1.6	R	SnmpAdminString (SIZE (0..2))	Act	An object containing whether

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SURVIVABLE PROCESSORS					the survivable processor is active.
avCmListSurvProcessTranslationsUpdated	.1.1.7	R	SnmpAdminString (SIZE (0..18))	Translations Updated	An object containing when the survivable processor translations were last updated.
SURVIVABLE PROCESSORS					
avCmListSurvProcessNetRgn	.1.1.8	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	An object containing the network region the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIpAddress	.1.1.9	R	SnmpAdminString (SIZE (0..41))	IP Address	An object containing the IP address the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIPv6Name	.1.1.10	R	SnmpAdminString (SIZE (0..16))	IPv6 Address	An object containing the Name of the IPv6 address the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIPv6Address	.1.1.11	R	SnmpAdminString (SIZE (0..41))	IPv6 Address	An object containing the IPv6 address the survivable processor is using.
SURVIVABLE PROCESSORS					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list survivable-processor

Record Number  Name/ IP Address      Type      SURVIVABLE PROCESSORS
              10.129.178.146      Reg Act   Translations Updated   Net
              No V6 Entry                                     Rgn

1             kenny-ess      ESS D      y      n      22:05 5/11/2015      1

Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmListSurvProcess
AVAYA-AURA-CM-MIB::avCmListSurvProcessNumber.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmListSurvProcessName.1 = STRING: kenny-ess
AVAYA-AURA-CM-MIB::avCmListSurvProcessType.1 = STRING: ESS D
AVAYA-AURA-CM-MIB::avCmListSurvProcessReg.1 = STRING: y
AVAYA-AURA-CM-MIB::avCmListSurvProcessAct.1 = STRING: n
AVAYA-AURA-CM-MIB::avCmListSurvProcessTransUpdated.1 = STRING: 10:04 6/24/2015
AVAYA-AURA-CM-MIB::avCmListSurvProcessNetRgn.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmListSurvProcessIpAddress.1 = STRING: 10.129.178.146
AVAYA-AURA-CM-MIB::avCmListSurvProcessIPV6Name.1 = STRING: No V6 Entry
AVAYA-AURA-CM-MIB::avCmListSurvProcessIPV6Address.1 = STRING:
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmDispSurvProcess

MIB group name	OID	Type
avCmDispSurvProcess Group	enterprises.6889.2.73.8.1.50	Table

Description

The avCmDispSurvProcess MIB Group uses the **display survivable-processor** command to retrieve survivable-processor data.

Releases Supported

6.3.100 and later

Polling Type

Inventory

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispSurvProcessGroup	SAT	display survivable-processor	SURVIVABLE PROCESSORS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcessTable	.1	n/a	SEQUENCE OF avCmDispSurvProcessEntry	n/a	A Disp of the avCmDispSurvProcess entries
avCmDispSurvProcessEntry	.1.1	n/a	Integer32 (0..9999)	n/a	A avCmDispSurvProcess entry containing objects of the avCmDispSurvProcess information sent by the switch.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcess NameIdx	.1.1. 1	n/a	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data.
avCmDispSurvProcess NodeName	.1.1. 2	R	SnmpAdminString (SIZE (0..16))	Name	An object that contains the name of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Type	.1.1. 3	R	SnmpAdminString (SIZE (0..13))	Type	An object containing the name of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess ClusterId	.1.1. 4	R	InavCmDispSurvPr ocessClusterId	Cluster ID/MID	An object containing the cluster id or MID of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess ActivesrvIP	.1.1. 5	R	SnmpAdminString (SIZE (0..41))	ACTI Address	An object containing the survivable processor active IP address.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess AID	.1.1. 6	R	Integer32 (0..999)	A Server ID	An object containing the survivable processor A server ID.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Anodename	.1.1. 7	R	SnmpAdminString (SIZE (0..16))	SERVER A V4 Node Name	An object containing the survivable processor SERVER A V4 Node Name.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess AIP	.1.1. 8	R	SnmpAdminString (SIZE (0..41))	SERVER A V4 Address	An object containing the survivable processor SERVER A V4 IP Address.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BID	.1.1. 9	R	Integer32 (0..999)	B Server ID	An object containing the survivable processor B server ID.
SURVIVABLE PROCESSORS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcess Bnodename	.1.1. 10	R	SnmpAdminString (SIZE (0..16))	SERVER B V4 Node Name	An object containing the survivable processor SERVER B V4 Node Name.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BIP	.1.1. 11	R	SnmpAdminString (SIZE (0..41))	SERVER B V4 Address	An object containing the survivable processor SERVER B V4 IP Address.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess SystemPref	.1.1. 12	R	SnmpAdminString (SIZE (0..2))	System Preferred	An object containing whether System Preferred enabled for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Priorityscore	.1.1. 13	R	Integer32 (0..100)	Priority Score	An object containing the Priority Score for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess LocalPref	.1.1. 14	R	SnmpAdminString (SIZE (0..2))	Local Preferred	An object containing whether Local Preferred enabledfor the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess LocalOnly	.1.1. 15	R	SnmpAdminString (SIZE (0..2))	Local Only	An object containing whether Local Only enabled for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess V6NodeName	.1.1. 16	R	SnmpAdminString (SIZE (0..16))	V6 Node Name	An object containing the IPV6 Node Name for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess V6IP	.1.1. 17	R	SnmpAdminString (SIZE (0..41))	V6 Address	An object containing the IPV6 Address for the survivable processor.
SURVIVABLE PROCESSORS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcess AV6NodeName	.1.1. 18	R	SnmpAdminString (SIZE (0..2))	SERVER A V6 Node Name	An object containing the server A IPV6 Node Name for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess AV6IP	.1.1. 19	R	SnmpAdminString (SIZE (0..41))	SERVER B V6 Address	An object containing the server A IPV6 Address for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BV6NodeName	.1.1. 20	R	SnmpAdminString (SIZE (0..16))	SERVER B V6 Node Name	SERVER B V6 Address for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BV6IP	.1.1. 21	R	SnmpAdminString (SIZE (0..41))	SERVER B V6 Address	SERVER B V6 Address for the survivable processor.
SURVIVABLE PROCESSORS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
display survivable-processor kenny-ess Page 1 of 7
SURVIVABLE PROCESSOR

Type: duplex-ess Cluster ID/MID: 3 Processor Ethernet Network Region: 1
Community: 1 Enable PE for H.323 Endpoints? y
ACTIVE SERVER Enable PE for H.248 Gateways? y
V4 Node Name: kenny-ess Address: 10.129.178.146
V6 Node Name: Address:
SERVER A
Server ID: 3
V4 Node Name: kenny-ess1 Address: 10.129.178.78
V6 Node Name: Address:
SERVER B
Server ID: 4
V4 Node Name: kenny-ess2 Address: 10.129.178.145
V6 Node Name: Address:

PORT NETWORK PARAMETERS
Community Size: all System Preferred: y
Priority Score: 1 Local Preferred: n
Local Only: n

```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmDispSurvProcess
```

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```

avCmDispSurvProcessNodeName."kenny-ess" = STRING: kenny-ess
avCmDispSurvProcessType."kenny-ess" = STRING: duplex-ess
avCmDispSurvProcessClusterId."kenny-ess" = INTEGER: 3
avCmDispSurvProcessActivesrvIP."kenny-ess" = STRING: 10.129.178.146
avCmDispSurvProcessAID."kenny-ess" = INTEGER: 3
avCmDispSurvProcessAnodename."kenny-ess" = STRING: kenny-ess1
avCmDispSurvProcessAIP."kenny-ess" = STRING: 10.129.178.78
avCmDispSurvProcessBID."kenny-ess" = INTEGER: 4
avCmDispSurvProcessBnodename."kenny-ess" = STRING: kenny-ess2
avCmDispSurvProcessBIP."kenny-ess" = STRING: 10.129.178.145
avCmDispSurvProcessSystemPref."kenny-ess" = STRING: y
avCmDispSurvProcessPriorityscore."kenny-ess" = INTEGER: 1
avCmDispSurvProcessLocalPref."kenny-ess" = STRING: n
avCmDispSurvProcessLocalOnly."kenny-ess" = STRING: n
avCmDispSurvProcessV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessV6IP."kenny-ess" = STRING:
avCmDispSurvProcessAV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessAV6IP."kenny-ess" = STRING:
avCmDispSurvProcessBV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessBV6IP."kenny-ess" = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListNodeNamesAll

MIB group name	OID	Type
avCmListNodeNamesAll Group	enterprises.6889.2.73.8.1.51	Table

Description

The avCmListNodeNamesAll MIB Group uses "list node-names all" command retrieve node name data.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Performance/Utilization

Polling Interval

No more than every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListNodeNamesAll Group	SAT	list node-names all	NODE NAMES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesAllTable	.1	R	SEQUENCE OF AvCmListNodeNamesAllEntry	Groups/Splits/Skills	An object that contains the number of available Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmListNodeNamesAllEntry	.1.1	R	AvCmListNodeNamesAllEntry	Groups/Splits/Skills	An object that contains the system limit of Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmListNodeNamesAllNameIdx	.1.1.1	R	SnmpAdminString (SIZE (0..16))	Administered Logical Agents	An object that contains the number of used administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllName	.1.1.2	R	SnmpAdminString (SIZE (0..16))	Administered Logical Agents	An object that contains the number of available administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllType	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Administered Logical Agents	An object that contains the system limit of administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllIPAddress	.1.1.4	R	SnmpAdminString (SIZE (0..41))	Administered Logical Agent-Skill Pairs	An object that contains the number of used

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					administered logical agent-skill pairs.

Sample output of forms

```
list node-names all
```

Page 1

```

                                NODE NAMES

Type      Name                  IP Address
IP         B3h1-ams1             10.129.130.136
IP         B3h1-ams2             10.129.130.137
IP         Gateway001            172.28.8.254
IP         Gateway002            135.9.78.254
IP         VM-ams-1              10.129.176.83
IP         VM-ams-2              10.129.176.84
IP         b4-g430d              135.9.181.33
IP         bmw-procr             135.9.78.182
IP         cab7xfirea            135.9.78.140
IP         cab7xfireb            135.9.78.148
IP         clearchan-procr       135.9.78.236
IP         default               0.0.0.0
IP         dr36                  135.9.77.196
IP         dr36-clan2            135.9.181.20
IP         dr36ess               135.9.78.186
IP         dup_xfire_cab7        135.9.78.247

                                press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListNodeNamesAll
avCmListNodeNamesAllName."dr36" = STRING: dr36
avCmListNodeNamesAllName."hardy" = STRING: hardy
:
:
avCmListNodeNamesAllName."clearchan-procr" = STRING: clearchan-procr
avCmListNodeNamesAllType."dr36" = STRING: IP
avCmListNodeNamesAllType."hardy" = STRING: IP
:
:
avCmListNodeNamesAllType."clearchan-procr" = STRING: IP
avCmListNodeNamesAllIPAddress."dr36" = STRING: 135.9.77.196
avCmListNodeNamesAllIPAddress."hardy" = STRING: 135.9.78.202
:
:
avCmListNodeNamesAllIPAddress."clearchan-procr" = STRING: 135.9.78.236
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListNodeNamesV4

MIB group name	OID	Type
avCmListNodeNamesV4 Group	enterprises.6889.2.73.8.1.52	Table

Description

The avCmListNodeNamesV4 Group MIB Group uses the "list node-names v4" command to retrieve IPV4 address node name data.

Releases Supported

6.3.100 and later

Polling Type

Inventory

Polling Interval

No more than every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListNodeNamesV4 Group	SAT	list node-names v4	NODE NAMES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesV4Table	.1	R	SEQUENCE OF AvCmListNodeNamesV4Entry	n/a	A list of the avCmListNodeNamesV4 entries.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesV4Entry	.1.1	R	AvCmListNodeNamesV4Entry	n/a	A avCmListNodeNamesV4 entry containing objects of the avCmListNodeNamesV4 information sent by the switch..
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnUsed	.1.1.1	R	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data..
avCmCapacityHuntGroupsSpSkSysLim	.1.1.2	R	SnmpAdminString (SIZE (0..16))	Name	An object containing the Name of the node.
NODE NAMES					
avCmCapacityHuntGroupsAdmLogAgtUsed	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the type of node name.
NODE NAMES					
avCmListNodeNamesV4IPAddress	.1.1.4	R	SnmpAdminString (SIZE (0..41))	IP Address	An object containing either an IPV4 or IPV6 IP Address.
NODE NAMES					

Sample output of forms

list node-names v4 Page 1

NODE NAMES

Type	Name	IP Address
IP	B3h1-ams1	10.129.130.136
IP	B3h1-ams2	10.129.130.137
IP	Gateway001	172.28.8.254
IP	Gateway002	135.9.78.254
IP	VM-ams-1	10.129.176.83
IP	VM-ams-2	10.129.176.84
IP	b4-g430d	135.9.181.33
IP	bmw-procr	135.9.78.182
IP	cab7xfirea	135.9.78.140
IP	cab7xfireb	135.9.78.148
IP	clearchan-procr	135.9.78.236
IP	default	0.0.0.0
IP	dr36	135.9.77.196
IP	dr36-clan2	135.9.181.20
IP	dr36ess	135.9.78.186
IP	dup_xfire_cab7	135.9.78.247

press CANCEL to quit -- press NEXT PAGE to continue
 F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmListNodeNamesV4
```

```

avCmListNodeNamesV4Name."dr36" = STRING: dr36
avCmListNodeNamesV4Name."hardy" = STRING: hardy
:
:
avCmListNodeNamesV4Name."clearchan-procr" = STRING: clearchan-procr
avCmListNodeNamesV4Type."dr36" = STRING: IP
avCmListNodeNamesV4Type."hardy" = STRING: IP
:
:
avCmListNodeNamesV4Type."clearchan-procr" = STRING: IP
avCmListNodeNamesV4IPAddress."dr36" = STRING: 135.9.77.196
avCmListNodeNamesV4IPAddress."hardy" = STRING: 135.9.78.202
:
:
avCmListNodeNamesV4IPAddress."clearchan-procr" = STRING: 135.9.78.236

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListNodeNamesV6

MIB group name	OID	Type
avCmListNodeNamesV6 Group	enterprises.6889.2.73.8.1.53	Table

Description

The avCmListNodeNamesV6 Group MIB Group uses the **list node-names v6** command to retrieve IPV6 address node name data.

Releases Supported

6.3.100 and later

Polling Type

Inventory

Polling Interval

No more than every 20 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListNodeNamesV6Group	SAT	list node-names v6	NODE NAMES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesV6Table	.1	R	SEQUENCE OF AvCmListNodeNamesV6Entry	n/a	A list of the avCmListNodeNamesV6 entries.
avCmListNodeNamesV4Entry	.1.1	R	AvCmListNodeNamesV6Entry	n/a	A avCmListNodeNamesV6 entry containing objects of the avCmListNodeNamesV6 information sent by the switch.
avCmCapacityCallVecMeetMeVdnUsed	.1.1.1	R	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data.
avCmCapacityHuntGroupsSpSkSysLim	.1.1.2	R	SnmpAdminString (SIZE (0..16))	Name	An object containing the Name of the node.
avCmCapacityHuntGroupsAdmLogAgtUsed	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the type of node name.
avCmListNodeNamesV4IPAddress	.1.1.4	R	SnmpAdminString (SIZE (0..41))	IP Address	An object containing either an IPV4 or IPV6 IP Address.

Sample output of forms

Type	Name	IP Address
IP	Xfirev61a04	2002:8709:b5fe:0:204:dff:fee7:1e71
IP	abc	1111:1111:1111:1111:1111:1111:1111:1111
IP	abc1	1111:1111:1111:1111:1111:1111:1111:2222
IP	abc2	1111:1111:1111:1111:1111:1111:2222:1111
IP	abc3	1111:1111:1111:1111:1111:1111:2222:1111
IP	b4sp-icc-v6	fe80::2ca:feff:fe22:4196
IP	clv61a08	2002:8709:b5fe:0:204:dff:fe00:102
IP	clv61a08loop	2002:8709:b5fe:0:204:dff:fe00:102
IP	clv61a09	2002:8709:b5fe:0:204:dff:fe4b:15d3
IP	dewalt-v6	2002:8709:b5fe::1:3
IP	dewalt1-v6	2002:8709:b5fe::1:1
IP	dewalt2-v6	2002:8709:b5fe::1:2
IP	gatewayv6-1	2002:8709:b5fe::1
IP	gatewayv6-2	2002:8709:b5fe::2
IP	genesis-srv-v6	2002:8709:84fa::3
IP	hilti-v6	2002:8709:b5fe::54

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmListNodeNamesV6
avCmListNodeNamesV6Name."abc" = STRING: abc
avCmListNodeNamesV6Name."abc1" = STRING: abc1
avCmListNodeNamesV6Name."abc2" = STRING: abc2
avCmListNodeNamesV6Name."abc3" = STRING: abc3
avCmListNodeNamesV6Name."ppp1" = STRING: ppp1
avCmListNodeNamesV6Name."ppp2" = STRING: ppp2
avCmListNodeNamesV6Name."procr6" = STRING: procr6
avCmListNodeNamesV6Name."v6procr" = STRING: v6procr
avCmListNodeNamesV6Name."clv61a08" = STRING: clv61a08
avCmListNodeNamesV6Name."clv61a09" = STRING: clv61a09
avCmListNodeNamesV6Name."hilti-v6" = STRING: hilti-v6
avCmListNodeNamesV6Name."dewalt-v6" = STRING: dewalt-v6
avCmListNodeNamesV6Name."dewalt1-v6" = STRING: dewalt1-v6
avCmListNodeNamesV6Name."dewalt2-v6" = STRING: dewalt2-v6
avCmListNodeNamesV6Name."Xfirev61a04" = STRING: Xfirev61a04
avCmListNodeNamesV6Name."b4sp-icc-v6" = STRING: b4sp-icc-v6
avCmListNodeNamesV6Name."gatewayv6-1" = STRING: gatewayv6-1
avCmListNodeNamesV6Name."gatewayv6-2" = STRING: gatewayv6-2
avCmListNodeNamesV6Name."lzsw-procr6" = STRING: lzsw-procr6
avCmListNodeNamesV6Name."clv61a08loop" = STRING: clv61a08loop
avCmListNodeNamesV6Name."genesis-srv-v6" = STRING: genesis-srv-v6
avCmListNodeNamesV6Type."abc" = STRING: IP
avCmListNodeNamesV6Type."abc1" = STRING: IP
avCmListNodeNamesV6Type."abc2" = STRING: IP
avCmListNodeNamesV6Type."abc3" = STRING: IP
avCmListNodeNamesV6Type."ppp1" = STRING: IP
avCmListNodeNamesV6Type."ppp2" = STRING: IP
avCmListNodeNamesV6Type."procr6" = STRING: IP
avCmListNodeNamesV6Type."v6procr" = STRING: IP
avCmListNodeNamesV6Type."clv61a08" = STRING: IP
avCmListNodeNamesV6Type."clv61a09" = STRING: IP
avCmListNodeNamesV6Type."hilti-v6" = STRING: IP
avCmListNodeNamesV6Type."dewalt-v6" = STRING: IP
avCmListNodeNamesV6Type."dewalt1-v6" = STRING: IP
```

```

avCmListNodeNamesV6Type."dewalt2-v6" = STRING: IP
avCmListNodeNamesV6Type."Xfirev61a04" = STRING: IP
avCmListNodeNamesV6Type."b4sp-icc-v6" = STRING: IP
avCmListNodeNamesV6Type."gatewayv6-1" = STRING: IP
avCmListNodeNamesV6Type."gatewayv6-2" = STRING: IP
avCmListNodeNamesV6Type."lzw-procr6" = STRING: IP
avCmListNodeNamesV6Type."clv61a08loop" = STRING: IP
avCmListNodeNamesV6Type."genesis-srv-v6" = STRING: IP
avCmListNodeNamesV6IPAddress."abc" = STRING: 1111:1111:1111:1111:1111:1111:1111:1111
avCmListNodeNamesV6IPAddress."abc1" = STRING: 1111:1111:1111:1111:1111:1111:1111:2222
avCmListNodeNamesV6IPAddress."abc2" = STRING: 1111:1111:1111:1111:1111:1111:2222:1111
avCmListNodeNamesV6IPAddress."abc3" = STRING: 1111:1111:1111:1111:1111:2222:1111:1111
avCmListNodeNamesV6IPAddress."ppp1" = STRING: 2002::5
avCmListNodeNamesV6IPAddress."ppp2" = STRING: 2002::6
avCmListNodeNamesV6IPAddress."procr6" = STRING: 2002:8709:b5fe::79
avCmListNodeNamesV6IPAddress."v6procr" = STRING: 2002:8709:b5fe::79
avCmListNodeNamesV6IPAddress."clv61a08" = STRING: 2002:8709:b5fe:0:204:dff:fe00:102
avCmListNodeNamesV6IPAddress."clv61a09" = STRING: 2002:8709:b5fe:0:204:dff:fe4b:15d3

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListAnn

MIB group name	OID	Type
avCmListAnn Group	enterprises.6889.2.73.8.1.54	Table

Description

The avCmListAnn Group MIB Group uses the "list announcement" command to retrieve announcement data.

Releases Supported

6.3.100 and later

Polling Type

Inventory

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListAnn Group	SAT	<code>list announcement</code>	ANNOUNCEMENTS/ AUDIO SOURCES

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListAnnTable	.1	n/a	SEQUENCE OF AvCmListAnnEntry	n/a	A list of the avCmListAnn entries
avCmListAnnEntry	.1.1	n/a	AvCmListAnnEntry	n/a	A avCmListAnn entry containing objects of the avCmListAnn information sent by the switch.
avCmListAnnExtIdx	.1.1. 1	n/a	SnmpAdminString (SIZE (0..41))	n/a	An object that identifies each increment of data.
avCmListAnnExtension	.1.1. 2	R	SnmpAdminString (SIZE (0..41))	Extension	An object containing the extension of the announcement.
ANNOUNCEMENTS/ AUDIO SOURCES	.1.1. 3	R	SnmpAdminString (SIZE (0..41))	Type	An object containing the type of announcement.
ANNOUNCEMENTS/ AUDIO SOURCES	.1.1. 4	R	SnmpAdminString (SIZE (0..41))	Name	An object containing the name of the announcement.
ANNOUNCEMENTS/ AUDIO SOURCES	.1.1. 5	R	SnmpAdminString (SIZE (0..41))	Source	An object containing the source of the announcement.
ANNOUNCEMENTS/ AUDIO SOURCES	.1.1. 6	R	SnmpAdminString (SIZE (0..41))	Num of Files	An object containing the number of files.

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list announcement Page 1

ANNOUNCEMENTS/AUDIO SOURCES				
Announcement Extension	Type	Name	Source	Num of Files
88010	integrated	ann88010	07B11	1
88011	integrated	ann88011	07B11	1
88012	integrated	ann88012	07B11	1
88013	integrated	ann88013	07B11	1
88014	integrated	ann88014	07B11	1
88015	integrated	ann88015	07B11	1
88016	integrated	ann88016	07B11	1
88017	integrated	ann88017	07B11	1
88018	integrated	ann88018	07B11	1
88019	integrated	ann88019	07B11	1
88020	integrated	ann88020	07B11	1
88021	integrated	ann88021	07B11	1
88022	integrated	ann88022	07B11	1
88023	integrated	ann88023	07B11	1
88024	integrated	ann88024	07B11	1
88025	integrated	ann88025	07B11	1

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListAnn
avCmListAnnExtension."88010" = STRING: 88010
avCmListAnnExtension."88011" = STRING: 88011
:
:
avCmListAnnExtension."88041" = STRING: 88041
avCmListAnnType."88010" = STRING: integrated
avCmListAnnType."88011" = STRING: integrated
:
:
avCmListAnnType."88041" = STRING: integ-mus
avCmListAnnName."88010" = STRING: ann88010
avCmListAnnName."88011" = STRING: ann88011
:
:
avCmListAnnName."88041" = STRING: ann88041
avCmListAnnSource."88010" = STRING: 07B11
avCmListAnnSource."88011" = STRING: 07B11
:
:
avCmListAnnSource."88041" = STRING: 004V9
avCmListAnnNumFiles."88010" = INTEGER: 1
avCmListAnnNumFiles."88011" = INTEGER: 1
:
:
avCmListAnnNumFiles."88041" = INTEGER: 1
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIpUnregisteredRange

MIB group name	OID	Type
avCmListIpUnregisteredRange Group	enterprises.6889.2.73.8.1.55	Table / Scalar

Description

The avCmListIpUnregisteredRange MIB group displays the output of the `list multimedia ip-unregistered xxxx count xx` command. This MIB Group should be used instead of the avCmListIpUnregistered MIB Group on systems with over 100 stations.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Inventory

Polling Interval

No more than once a day or when stations are added.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIpUnregisteredRange Group	SAT	list multimedia ip-unregistered xxxxx count x	UNREGISTERED IP TELEPHONES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpUnregisteredRangeStartExt	.1	R-W	SnmpAdminString (SIZE (0..17))	Groups/Splits/Skills	An object that contains the number of used Groups/Splits/Skills.
avCmListIpUnregisteredRangeCount	.2	R-W	Integer32 (1..100)	Groups/Splits/Skills	An object that contains the number of available Groups/Splits/Skills.
avCmListIpUnregisteredRangeTable	.3	n/a	SEQUENCE OF AvCmListIpUnregisteredRangeEntry	Groups/Splits/Skills	An object that contains the system limit of Groups/Splits/Skills.
avCmListIpUnregisteredRangeEntry	.3.1	n/a	AvCmListIpUnregisteredRangeEntry	Administered Logical Agents	An object that contains the number of used administered logical agents.
avCmListIpUnregisteredRangeIdx	.3.2	n/a	SnmpAdminString (SIZE (0..17))	Administered Logical Agents	An object that contains the number of available administered logical agents.
avCmListIpUnregisteredRangeExtension	.3.3	R	SnmpAdminString (SIZE (0..17))	Administered Logical Agents	An object that contains the system limit of administered logical agents.
UNREGISTERED IP TELEPHONES					
avCmListIpUnregisteredRangePort	.3.4	R	SnmpAdminString (SIZE (0..9))	Administered Logical Agent-Skill Pairs	An object that contains the number of used administered logical agent-skill pairs.
UNREGISTERED IP TELEPHONES					
avCmListIpUnregisteredRangeRegistered	.3.5	R	SnmpAdminString (SIZE (0..2))	Administered Logical Agent-Skill Pairs	An object that contains the number of used administered logical agent-skill pairs.
UNREGISTERED IP TELEPHONES					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list multimedia ip-unregistered 0 count 10

UNREGISTERED IP TELEPHONES

Ext      IP STATION      Port      Registered?
1000     S00000          n
1001     S00001          n
1003     S00002          n
1004     S00005          n
1005     S00006          n
1006     S00007          n
1008     S00008          n
1009     S00009          n
1012     S00010          n
4006     S00012          n

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListIpUnregisteredRange
avCmListIpUnregisteredRangeStartExt.0 = STRING: 0
avCmListIpUnregisteredRangeCount.0 = INTEGER: 10
avCmListIpUnregisteredRangeExtension."1000" = STRING: 1000
avCmListIpUnregisteredRangeExtension."1001" = STRING: 1001
avCmListIpUnregisteredRangeExtension."1003" = STRING: 1003
avCmListIpUnregisteredRangeExtension."1004" = STRING: 1004
avCmListIpUnregisteredRangeExtension."1005" = STRING: 1005
avCmListIpUnregisteredRangeExtension."1006" = STRING: 1006
avCmListIpUnregisteredRangeExtension."1008" = STRING: 1008
avCmListIpUnregisteredRangeExtension."1009" = STRING: 1009
avCmListIpUnregisteredRangeExtension."1012" = STRING: 1012
avCmListIpUnregisteredRangeExtension."4006" = STRING: 4006
avCmListIpUnregisteredRangePort."1000" = STRING: S00000
avCmListIpUnregisteredRangePort."1001" = STRING: S00001
avCmListIpUnregisteredRangePort."1003" = STRING: S00002
avCmListIpUnregisteredRangePort."1004" = STRING: S00005
avCmListIpUnregisteredRangePort."1005" = STRING: S00006
avCmListIpUnregisteredRangePort."1006" = STRING: S00007
avCmListIpUnregisteredRangePort."1008" = STRING: S00008
avCmListIpUnregisteredRangePort."1009" = STRING: S00009
avCmListIpUnregisteredRangePort."1012" = STRING: S00010
avCmListIpUnregisteredRangePort."4006" = STRING: S00012
avCmListIpUnregisteredRangeRegistered."1000" = STRING: n
avCmListIpUnregisteredRangeRegistered."1001" = STRING: n
avCmListIpUnregisteredRangeRegistered."1003" = STRING: n
avCmListIpUnregisteredRangeRegistered."1004" = STRING: n
avCmListIpUnregisteredRangeRegistered."1005" = STRING: n
avCmListIpUnregisteredRangeRegistered."1006" = STRING: n
avCmListIpUnregisteredRangeRegistered."1008" = STRING: n
avCmListIpUnregisteredRangeRegistered."1009" = STRING: n
avCmListIpUnregisteredRangeRegistered."1012" = STRING: n
avCmListIpUnregisteredRangeRegistered."4006" = STRING: n
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmDispTime

MIB group name	OID	Type
avCmDispTime	enterprises.6889.2.73.8.1.56	Scalar

Description

The avCmDispTime MIB Group uses the **display time** command to retrieve time information.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

None

Default Caching Interval

0 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispTime	SAT	display time	DATE AND TIME

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

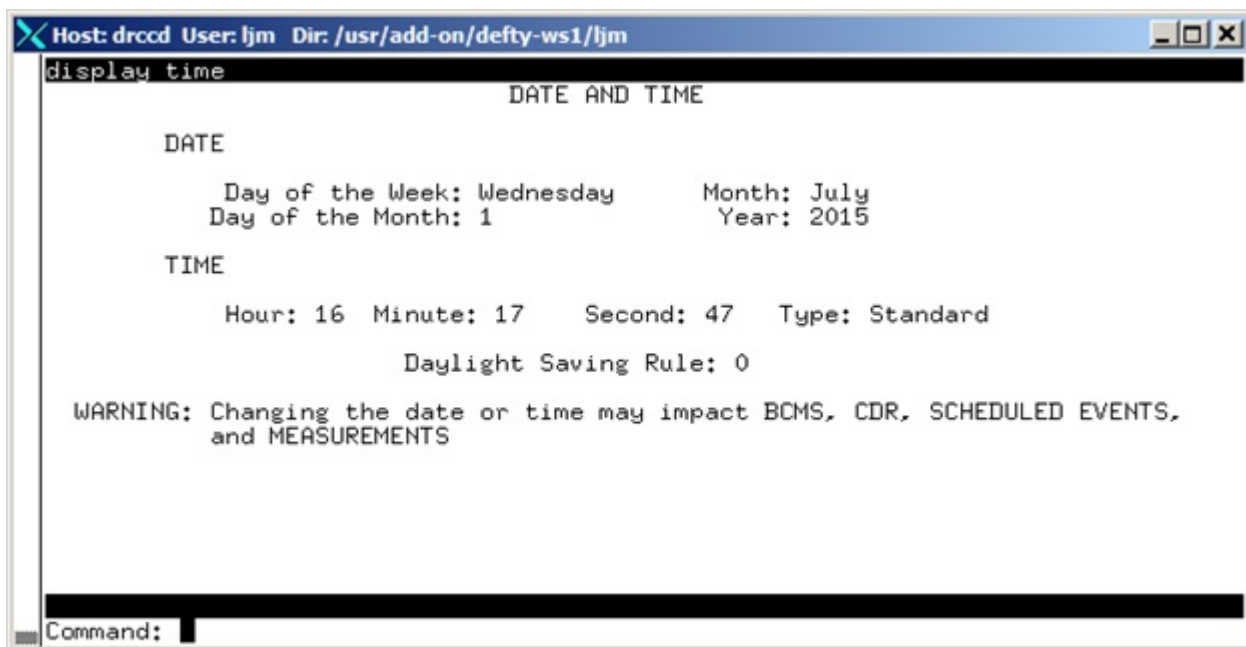
Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispTimeDayOf Week	.1	R	SnmpAdminString (SIZE (0..10))	Day of the Week	An object that contains the day of the week.
avCmDispTimeMonth	.2	R	SnmpAdminString (SIZE (0..10))	Month	An object that contains the month of the year.
avCmDispTimeDayOfTheMonth	.3	R	Integer32 (0..99)	Day of the Month	An object that contains the day of the month.
DATE AND TIME					
avCmDispTimeYear	.4	R	Integer32 (0..9999)	Year	An object that contains the Year.
DATE AND TIME					
avCmDispTimeHour	.5	R	Integer32 (0..99)	Hour	An object that contains the Hour in 24 hour format.
DATE AND TIME					
avCmDispTimeminute	.6	R	Integer32 (0..99)	Minute	An object that contains the minute.
DATE AND TIME					
avCmDispTimeSecond	.7	R	Integer32 (0..99)	Second	An object that contains the second.
DATE AND TIME					
avCmDispTimeType	.8	R	SnmpAdminString (SIZE (0..17))	Type	An object that contains whether standard time or daylight savings time is in effect.
DATE AND TIME					
avCmDispTimeDSTRule	.9	R	Integer32 (0..99)	Daylight Saving Rule	An object that contains the daylight savings rule.
DATE AND TIME					

Sample output of forms



Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
C
M-MIB.txt avCmDispTime
avCmDispTimeDayOfWeek.0 = STRING: Wednesday
avCmDispTimeMonth.0 = STRING: July
avCmDispTimeDayOfTheMonth.0 = INTEGER: 1
avCmDispTimeYear.0 = INTEGER: 2015
avCmDispTimeHour.0 = INTEGER: 16
avCmDispTimeMinute.0 = INTEGER: 20
avCmDispTimeSecond.0 = INTEGER: 20
avCmDispTimeType.0 = STRING: Standard
avCmDispTimeDSTRule.0 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMessagingAlarm

MIB group name	OID	Type
avCmMessagingAlarm	enterprises.6889.2.73.8.1.57	Table

Description

The avCmMessagingAlarm MIB Group displays the output of the **almdisplay -chia -w** command. The **almdisplay -chia -w** displays all messaging alarms.

Releases Supported

6.3.100 and later

Polling Type

Fault

Polling Interval

No more than once every 20 minutes.

Default Caching Interval

90 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMessagingAlarm	Bash	<code>almdisplay -chia -w</code>	Messaging Alarms

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMessagingAlarm Table	.1	n/a	SEQUENCE OF AvCmInitCausesEntry	n/a	A list of the avCmMessagingAlarms entries.
avCmMessagingAlarm Entry	.1.1	n/a	AvCmInitCausesEntry	n/a	A avCmMessagingAlarm entry containing objects of the avCmMessagingAlarm information sent by the switch.
avCmMessagingAlarmIdx	.1.1.1	n/a	Integer32 (0..400)	n/a	An object that uniquely identifies

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					each Messaging Alarm.
avCmMessagingAlarmID	.1.1.2	R	Integer32 (0..400)	ID	An object that uniquely identifies each Messaging Alarm.
Messaging Alarms					
avCmMessagingAlarmApp	.1.1.3	R	SnmpAdminString (SIZE (0..13))	APP	An object that displays the application name associated with the alarm.
Messaging Alarms					
avCmMessagingAlarmSource	.1.1.4	R	SnmpAdminString (SIZE (0..25))	Source	An object that displays the abbreviated name of the Source which generated the alarm.
Messaging Alarms					
avCmMessagingAlarmEventID	.1.1.5	R	Integer32 (0..400)	EvtID	An object that displays the Event ID of the alarm. The Event ID is a unique number that identifies an alarmable event on a per Source basis.
Messaging Alarms					
avCmMessagingAlarmLevel	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Lvl	An object that contains the severity level the alarm: Warning (WRN), Minor (MIN), or Major (MAJ).
Messaging Alarms					
avCmMessagingAlarmAck	.1.1.7	R	SnmpAdminString (SIZE (0..9))	Ack	An object that displays Y or N, indicating whether or not the alarm has been acknowledged by INADS.
Messaging Alarms					
avCmMessagingAlarmLoc	.1.1.8	R	Integer32 (0..400)	Location	An object that displays the location of the alarm origination.
Messaging Alarms					
avCmMessagingAlarmDate	.1.1.9	R	SnmpAdminString (SIZE (0..6))	Date	An object that contains the date

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
Messaging Alarms					the Messaging Alarm was generated.
avCmMessagingAlarm Description	.1.1.10	R	SnmpAdminString (SIZE (0..9))	Description	An object that contains a description of the Messaging Alarm.
Messaging Alarms					

Sample output of forms

```
inads@dellsnmp3-cm> almdisplay -chia -v
ID APP Source EvtID Lvl Ack Location Date Description
1 SERVER VM 900 MIN N Wed Jul 01 17:48:15 MDT 2015 2000000000:ela- de 3 :
2 SERVER VM 900 MIN N Wed Jul 01 17:48:15 MDT 2015 2000000000:ela- de 3 :
3 SERVER VM 900 MIN N Wed Jul 01 17:48:05 MDT 2015 #012200000000:ela- de 3 :
4 VOICE_PORT VP 1 MAJ N Wed Jul 01 17:47:43 MDT 2015 2000000000:2000000000:"
```

Sample Output of SNMP Walk command:

```
sever1> snmpwalk -t 15 -r 3 -v 2c -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMessagingAlarm
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.2 = INTEGER: 2
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.3 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.4 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.1 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.2 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.3 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.4 = STRING: VOICE_PORT
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.1 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.2 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.3 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.4 = STRING: VP
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.1 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.2 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.3 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.4 = STRING: 1
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.1 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.2 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.3 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.4 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.1 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.2 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.3 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.4 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.1 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.2 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.3 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.4 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.1 = STRING: Wed Jul 01 17:48:15 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.2 = STRING: Wed Jul 01 17:48:15 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.3 = STRING: Wed Jul 01 17:48:05 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.4 = STRING: Wed Jul 01 17:47:43 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.1 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.2 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.3 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.4 = STRING:
```


Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmInitCauses

MIB group name	OID	Type
avCmInitCauses Group	enterprises.6889.2.73.8.1.58	Table

Description

The avCmInitCauses MIB Group uses the **display initcauses** command to retrieve restart information.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Once a minute.

Default Caching Interval

60 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmInitCauses Group	SAT	display initcauses	INITIALIZATION CAUSES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmInitCausesTable	.1	n/a	SEQUENCE OF AvCmInitCausesEntry	n/a	A list of the avCmInitCauses entries.
avCmInitCausesEntry	.1.1	n/a	AvCmInitCausesEntry	n/a	A avCmInitCausesEntry entry containing objects of the avCmInitCauses information sent by the switch.
avCmInitCausesTimeldx	.1.1.1	n/a	SnmpAdminString (SIZE (0..9))	n/a	An object that uniquely identifies each Increment of data.
avCmInitCausesIdx	.1.1.2	n/a	Integer32 (0..400)	n/a	An Integer32 object containing an index that numbers the alarm entry for the avCmInitCausesIdx. This object along with avCmInitCausesTimeldx serves as the
avCmInitCausesTime INITIALIZATION CAUSES	.1.1.3	R	SnmpAdminString (SIZE (0..13))	Time	An object containing the time of the event.
avCmInitCausesCause INITIALIZATION CAUSES	.1.1.4	R	SnmpAdminString (SIZE (0..25))	Cause	An object containing the cause of the event.
avCmInitCausesAction INITIALIZATION CAUSES	.1.1.5	R	Integer32 (0..9)	Action	An object containing the reset level of the vent.
avCmInitCausesEscalated INITIALIZATION CAUSES	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Escalated	An object containing whether or not event escalated.
avCmInitCausesMode INITIALIZATION CAUSES	.1.1.7	R	SnmpAdminString (SIZE (0..9))	Mode	An object containing the mode.

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

display initcauses

INITIALIZATION CAUSES				
Cause	Action	Escalated	Mode	Time
Initialized	4	no	Standby	05/12 09:05
Internal Request	1	no	Standby	05/12 09:05
Initialized	4	no	Standby	05/12 09:12
Internal Request	1	no	Standby	05/12 09:12
Internal Request	4	no	Active	05/12 09:13
Craft Request	4	no	Active	05/12 09:21
Interchange	4	no	Standby	05/19 09:35
Internal Request	1	no	Standby	05/19 09:36
Internal Request	1	no	Standby	05/19 09:36
Interchange-Craft	4	no	Active	05/19 09:36
Initialized	4	no	Active	05/19 09:40
Initialized	4	no	Active	05/19 09:50
Initialized	4	no	Active	05/19 09:53
Initialized	4	no	Active	05/19 10:59

Command successfully completed

Command: █

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmInitCauses
avCmInitCausesTime."05/12 09:05".1 = STRING: 05/12 09:05
avCmInitCausesTime."05/12 09:05".2 = STRING: 05/12 09:05
:
:
avCmInitCausesTime."05/19 10:59".1 = STRING: 05/19 10:59
avCmInitCausesCause."05/12 09:05".1 = STRING: Internal Request
avCmInitCausesCause."05/12 09:05".2 = STRING: Initialized
:
:
avCmInitCausesCause."05/19 10:59".1 = STRING: Initialized
avCmInitCausesAction."05/12 09:05".1 = INTEGER: 1
avCmInitCausesAction."05/12 09:05".2 = INTEGER: 4
:
:
avCmInitCausesAction."05/19 10:59".1 = INTEGER: 4
avCmInitCausesEscalated."05/12 09:05".1 = STRING: no
avCmInitCausesEscalated."05/12 09:05".2 = STRING: no
:
:
avCmInitCausesEscalated."05/19 10:59".1 = STRING: no
avCmInitCausesMode."05/12 09:05".1 = STRING: Standby
avCmInitCausesMode."05/12 09:05".2 = STRING: Standby
:
:
avCmInitCausesMode."05/19 10:59".1 = STRING: Active
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnIntegAllLstHr

MIB group name	OID	Type
avCmMeasAnnIntegAllLstHr	enterprises.6889.2.73.8.1.59	Table

Description

The avCmMeasAnnIntegAllLstHr MIB group displays the measurements of all the integrated announcements for the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnIntegAllLstHr	SAT	list measurements announcement integ-all yesterday-peak	VOICE ANNOUNCEMENT MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllLstHrTable	.1	n/a	SEQUENCE OF avCmMeasAnnIntegAllLstHrEntry	n/a	An object containing the avCmMeasAnnIntegAllLstHr entries.
avCmMeasAnnIntegAllLstHrEntry	.1.1	n/a	avCmMeasAnnIntegAllLstHrEntry	n/a	An object containing the avCmMeasAnnIntegAllLstHr information that the switch sent.
avCmMeasAnnIntegAllLstHrIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each increment of data.
avCmMeasAnnIntegAllLstHrExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrSource	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Source	An object containing the Source board or the media module.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrPlayPorts	.1.1.5	R	Integer32 (0..99999)	Play Ports	An object containing the number of play ports for the source.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod	.1.1.6	R	Integer32 (0..99999)	Max Callers on Source in Period	An object containing the maximum callers using the source in the period.
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod	.1.1.7	R	Integer32 (0..99999)	All Ports Busy in Period	An object containing the number of times all the ports on the source were busy during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrName	.11.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The name is maximum 24 characters.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrMeasHour	.1.1.9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrPlayRequests	.1.1.10	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrCallsQueued	.11.11	R	Integer32 (0..99999)	Call Que	An object containing the number of calls for an announcement that in queue waiting for a port during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrASP	.1.1.12	R	Integer32 (0..9999)	ASP	An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllLstHrPSP	.11.13	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll LstHrQueueDrops	.11.1 4	R	Integer32 (0..99999)	Queue Drops	An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA (VDN of origin Announcements) aborted are included. Calls in the queue that the agent answered are excluded from the count.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll LstHrMportPlays	.11.1 5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll LstHrMxPorts	.11.1 6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll LstHrMaxCallers	.11.1 7	R	Integer32 (0..999)	Max Cls	An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					

Sample output of forms

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm

list measurements announcement integ-all last-hour Page 1

Switch Name: Date: 10:13 am FRI MAY 29, 2015

VOICE ANNOUNCEMENT MEASUREMENTS

Source: 07B11 Play Ports: 31
Max Callers on Source in Period: 0 All Ports Busy in Period: 0

Ext	Name (first 24 chars)	Meas Hour	Play Repts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max Cls
88010	ann88010	900	0	0	0	0	0	0	0	0
88011	ann88011	900	0	0	0	0	0	0	0	0
88012	ann88012	900	0	0	0	0	0	0	0	0
88013	ann88013	900	0	0	0	0	0	0	0	0
88014	ann88014	900	0	0	0	0	0	0	0	0
88015	ann88015	900	0	0	0	0	0	0	0	0
88016	ann88016	900	0	0	0	0	0	0	0	0
88017	ann88017	900	0	0	0	0	0	0	0	0
88018	ann88018	900	0	0	0	0	0	0	0	0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
Server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllLstHr
avCmMeasAnnIntegAllLstHrExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllLstHrExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllLstHrExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllLstHrRunDate."88010" = STRING: 10:08 am FRI MAY 29, 2015
avCmMeasAnnIntegAllLstHrRunDate."88011" = STRING: 10:08 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllLstHrRunDate."88041" = STRING: 10:08 am FRI MAY 29, 2015
avCmMeasAnnIntegAllLstHrSource."88010" = STRING: 07B11
avCmMeasAnnIntegAllLstHrSource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllLstHrSource."88041" = STRING: 004V9
avCmMeasAnnIntegAllLstHrPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllLstHrPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllLstHrPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrName."88010" = STRING: ann88010
avCmMeasAnnIntegAllLstHrName."88011" = STRING: ann88011
:
```



```

:
avCmMeasAnnIntegAllLstHrName."88041" = STRING: ann88041
avCmMeasAnnIntegAllLstHrMeasHour."88010" = INTEGER: 900
avCmMeasAnnIntegAllLstHrMeasHour."88011" = INTEGER: 900
:
:
avCmMeasAnnIntegAllLstHrMeasHour."88041" = INTEGER: 900
avCmMeasAnnIntegAllLstHrPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrPSP."88041" = INTEGER: 0
299
avCmMeasAnnIntegAllLstHrQueueDrops."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrQueueDrops."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnIntegAllToday

MIB group name	OID	Type
avCmMeasAnnIntegAllToday	enterprises.6889.2.73.8.1.59	Table

Description

The avCmMeasAnnIntegAllToday MIB group displays the measurements of all the integrated announcements for the present day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnIntegAllToday	SAT	list measurements announcement integ-all yesterday-peak	VOICE ANNOUNCEMENT MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllTodayTable	.1	n/a	SEQUENCE OF avCmMeasAnnIntegAllTodayEntry	n/a	An object containing the avCmMeasAnnIntegAllToday entries.
avCmMeasAnnIntegAllTodayEntry	.1.1	n/a	avCmMeasAnnIntegAllTodayEntry	n/a	An object containing the avCmMeasAnnIntegAllTodayEntry

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					gAllToday information that the switch sent.
avCmMeasAnnIntegAllTodayIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each increment of data.
avCmMeasAnnIntegAllTodayExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodayRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodaySource	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Source	An object containing the Source board or the media module.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodayPlayPorts	.1.1.5	R	Integer32 (0..99999)	Play Ports	An object containing the number of play ports for the source.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodayMaxCallrsPeriod	.1.1.6	R	Integer32 (0..99999)	Max Callers on Source in Period	An object containing the maximum callers using the source in the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod	.1.1.7	R	Integer32 (0..99999)	All Ports Busy in Period	An object containing the number of times all the ports on the source were busy during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllTodayName	.11.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					name is maximum 24 characters.
avCmMeasAnnIntegAll TodayMeasHour	.1.1. 9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayPlayRequests	.1.1. 10	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayCallsQueued	.11.1 1	R	Integer32 (0..99999)	Call Que	An object containing the number of calls for an announcement that in queue waiting for a port during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayASP	.1.1. 12	R	Integer32 (0..9999)	ASP	An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayPSP	.11.1 3	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayQueueDrops	.11.1 4	R	Integer32 (0..99999)	Queue Drops	An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					(VDN of origin Announcements) aborted are included. Calls in the queue that the agent answered are excluded from the count.
avCmMeasAnnIntegAll TodayMportPlays	.11.1 5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayMxPorts	.11.1 6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayMaxCallers	.11.1 7	R	Integer32 (0..999)	Max Cls	An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					

Sample output of forms

```
list measurements announcement integ-all today-peak Page 1
```

Switch Name: Date: 10:16 am FRI MAY 29, 2015

VOICE ANNOUNCEMENT MEASUREMENTS

Source: 07B11 Play Ports: 31
Max Callers on Source in Period: 0 All Ports Busy in Period: 0

Ext	Name (first 24 chars)	Meas Hour	Play Repts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max Cls
88010	ann88010	900	0	0	0	0	0	0	0	0
88011	ann88011	900	0	0	0	0	0	0	0	0
88012	ann88012	900	0	0	0	0	0	0	0	0
88013	ann88013	900	0	0	0	0	0	0	0	0
88014	ann88014	900	0	0	0	0	0	0	0	0
88015	ann88015	900	0	0	0	0	0	0	0	0
88016	ann88016	900	0	0	0	0	0	0	0	0
88017	ann88017	900	0	0	0	0	0	0	0	0
88018	ann88018	900	0	0	0	0	0	0	0	0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllToday
avCmMeasAnnIntegAllTodayExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllTodayExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllTodayExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllTodayRunDate."88010" = STRING: 10:13 am FRI MAY 29, 2015
avCmMeasAnnIntegAllTodayRunDate."88011" = STRING: 10:13 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllTodayRunDate."88041" = STRING: 10:13 am FRI MAY 29, 2015
avCmMeasAnnIntegAllTodaySource."88010" = STRING: 07B11
avCmMeasAnnIntegAllTodaySource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllTodaySource."88041" = STRING: 004V9
avCmMeasAnnIntegAllTodayPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllTodayPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllTodayPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayName."88010" = STRING: ann88010
avCmMeasAnnIntegAllTodayName."88011" = STRING: ann88011
:
:
```

```

avCmMeasAnnIntegAllTodayName."88041" = STRING: ann88041
avCmMeasAnnIntegAllTodayMeasHour."88010" = INTEGER: 900
avCmMeasAnnIntegAllTodayMeasHour."88011" = INTEGER: 900
:
:
avCmMeasAnnIntegAllTodayMeasHour."88041" = INTEGER: 900
avCmMeasAnnIntegAllTodayPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayPSP."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayQueueDrops."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayQueueDrops."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnIntegAllYest

MIB group name	OID	Type
avCmMeasAnnIntegAllYest	enterprises.6889.2.73.8.1.61	Table

Description

The avCmMeasAnnIntegAllYest MIB group displays the measurements of all the integrated announcements from the previous day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnIntegAllYest	SAT	list measurements announcement integ-all yesterday-peak	VOICE ANNOUNCEMENT MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllYestTable	.1	n/a	SEQUENCE OF AvCmMeasAnnIntegAllYestEntry	n/a	An object containing the avCmMeasAnnIntegAllYest entries.
avCmMeasAnnIntegAllYestEntry	.1.1	n/a	AvCmMeasAnnIntegAllYestEntry	n/a	An object containing the avCmMeasAnnIntegAllYestEntry

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					gAllYest information that the switch sent.
avCmMeasAnnIntegAllYestIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each increment of data.
avCmMeasAnnIntegAllYestExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestSource	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Source	An object containing the Source board or the media module.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPlayPorts	.1.1.5	R	Integer32 (0..99999)	Play Ports	An object containing the number of play ports for the source.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestMaxCallrsPeriod	.1.1.6	R	Integer32 (0..99999)	Max Callers on Source in Period	An object containing the maximum callers using the source in the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestAllPortsBusyPeriod	.1.1.7	R	Integer32 (0..99999)	All Ports Busy in Period	An object containing the number of times all the ports on the source were busy during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestName	.11.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The name is maximum 24 characters.
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllYestMeasHour	.1.1.9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPlayRequests	.1.1.10	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestCallsQueued	.11.11	R	Integer32 (0..99999)	Call Que	An object containing the number of calls for an announcement that in queue waiting for a port during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestASP	.1.1.12	R	Integer32 (0..9999)	ASP	An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPSP	.11.13	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestQueueDrops	.11.14	R	Integer32 (0..99999)	Queue Drops	An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA (VDN of origin Announcements) aborted are included. Calls in

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					the queue that the agent answered are excluded from the count.
avCmMeasAnnIntegAll YestMportPlays	.11.1 5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll YestMxPorts	.11.1 6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll YestMaxCallers	.11.1 7	R	Integer32 (0..999)	Max Cls	An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					

Sample output of forms

```

list measurements announcement integ-all yesterday-peak Page 1
Switch Name:                               Date: 10:21 am  FRI MAY 29, 2015
      VOICE ANNOUNCEMENT MEASUREMENTS
Source: 07B11                               Play Ports: 31
Max Callers on Source in Period: 0           All Ports Busy in Period: 0

Ext      Name (first 24 chars)      Meas Play  Calls  Queue Mport Mx Max
      Hour Repts Que   ASP  PSP Drops Plays Pt Cls
88010    ann88010                    2300 0      0      0  0  0  0  0
88011    ann88011                    2300 0      0      0  0  0  0  0
88012    ann88012                    2300 0      0      0  0  0  0  0
88013    ann88013                    2300 0      0      0  0  0  0  0
88014    ann88014                    2300 0      0      0  0  0  0  0
88015    ann88015                    2300 0      0      0  0  0  0  0
88016    ann88016                    2300 0      0      0  0  0  0  0
88017    ann88017                    2300 0      0      0  0  0  0  0
88018    ann88018                    2300 0      0      0  0  0  0  0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllYest
avCmMeasAnnIntegAllYestExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllYestExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllYestExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllYestRunDate."88010" = STRING: 10:17 am FRI MAY 29, 2015
avCmMeasAnnIntegAllYestRunDate."88011" = STRING: 10:17 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllYestRunDate."88041" = STRING: 10:17 am FRI MAY 29, 2015
avCmMeasAnnIntegAllYestSource."88010" = STRING: 07B11
avCmMeasAnnIntegAllYestSource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllYestSource."88041" = STRING: 004V9
avCmMeasAnnIntegAllYestPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllYestPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllYestPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestName."88010" = STRING: ann88010
avCmMeasAnnIntegAllYestName."88011" = STRING: ann88011
:
:
avCmMeasAnnIntegAllYestName."88041" = STRING: ann88041
avCmMeasAnnIntegAllYestMeasHour."88010" = INTEGER: 2300
avCmMeasAnnIntegAllYestMeasHour."88011" = INTEGER: 2300
:
:
avCmMeasAnnIntegAllYestMeasHour."88041" = INTEGER: 2300
avCmMeasAnnIntegAllYestPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestPSP."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestQueueDrops."88010" = INTEGER: 0

```

```

avCmMeasAnnIntegAllYestQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestQueueDrops."88041" = INTEGER: 0
311
avCmMeasAnnIntegAllYestMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusMGAnn

MIB group name	OID	Type
avCmStatusMGAnn	enterprises.6889.2.73.8.1.62	Table

Description

The avCmMeasAnnIntegAllYest MIB group displays the status of all the media gateway announcements.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusMGAnn	SAT	status mg- announcements	MEDIA GATEWAY ANNOUNCEMENT STATUS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMGAnnTable	.1	n/a	SEQUENCE OF AvCmStatusMGAnnEntry	n/a	An object containing the avCmStatusMGAnn entries.
avCmStatusMGAnnEntry	.1.1	n/a	AvCmStatusMGAnnEntry	n/a	An object containing the avCmStatusMGAnn entries.
avCmStatusMGAnnIdx1	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each increment of data.
avCmStatusMGAnnMGNum	.1.1.2	R	Integer32 (0..9999)	MG Num	An object containing the media gateway number.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnMGType	.1.1.3	R	SnmpAdminString (SIZE (0..9))	MG Type	An object containing the media gateway type.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnEnabled	.1.1.4	R	SnmpAdminString (SIZE (0..2))	Announcement Enabled	An object containing information about whether the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MEDIA GATEWAY ANNOUNCEMENT STATUS					announcement is enabled.
avCmStatusMGAnnSto rUsedTotal	.1.1. 5	R	SnmpAdminString (SIZE (0..5))	CF Storage Usage(MB) Total/ Annc /Avail	An object containing the amount of available storage.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
lavCmStatusMGAnnSto rUsedUsed	.1.1. 6	R	SnmpAdminString (SIZE (0..5))	CF Storage Usage(MB) Total/ Annc /Avail	An object containing the amount of available storage.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
	.1.1. 7	R	SnmpAdminString (SIZE (0..5))	CF Storage Usage(MB) Total/ Annc /Avail	An object containing the amount of available storage.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfS tatIns	.1.1. 8	R	SnmpAdminString (SIZE (0..4))	CF Status Ins	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfS tatAct	.1.1. 9	R	SnmpAdminString (SIZE (0..4))	CF Status Act	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfS tatErr	.1.1. 10	R	SnmpAdminString (SIZE (0..4))	CF Status Err	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					

Sample output of forms

status mg-announcements				
MEDIA GATEWAY ANNOUNCEMENT STATUS				
MG Num	MG Type	Announcements Enabled?	CF Storage Usage(MB) Total/Annc /Avail	CF Status Ins/Act/Err
1	g430	n	n/a	
2	g450	n	n/a	
3	g450	n	n/a	
4	g450	y	n/a	
5	g450	n	n/a	
6	g450	n	n/a	
8	g450	n	n/a	
9	g450	n	n/a	
10	g450	n	n/a	
Command successfully completed				
Command:				

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmStatusMGAnn
avCmStatusMGAnnMGNum.1 = INTEGER: 1
avCmStatusMGAnnMGNum.2 = INTEGER: 2
avCmStatusMGAnnMGNum.3 = INTEGER: 3
avCmStatusMGAnnMGNum.4 = INTEGER: 4
avCmStatusMGAnnMGNum.5 = INTEGER: 5
avCmStatusMGAnnMGNum.6 = INTEGER: 6
avCmStatusMGAnnMGNum.8 = INTEGER: 8
avCmStatusMGAnnMGNum.9 = INTEGER: 9
avCmStatusMGAnnMGNum.10 = INTEGER: 10
avCmStatusMGAnnMGType.1 = STRING: g430
avCmStatusMGAnnMGType.2 = STRING: g450
avCmStatusMGAnnMGType.3 = STRING: g450
avCmStatusMGAnnMGType.4 = STRING: g450
avCmStatusMGAnnMGType.5 = STRING: g450
avCmStatusMGAnnMGType.6 = STRING: g450
avCmStatusMGAnnMGType.8 = STRING: g450
avCmStatusMGAnnMGType.9 = STRING: g450
avCmStatusMGAnnMGType.10 = STRING: g450
avCmStatusMGAnnEnabled.1 = STRING: n
avCmStatusMGAnnEnabled.2 = STRING: n
avCmStatusMGAnnEnabled.3 = STRING: n
avCmStatusMGAnnEnabled.4 = STRING: y
avCmStatusMGAnnEnabled.5 = STRING: n
avCmStatusMGAnnEnabled.6 = STRING: n
avCmStatusMGAnnEnabled.8 = STRING: n
avCmStatusMGAnnEnabled.9 = STRING: n
avCmStatusMGAnnEnabled.10 = STRING: n
avCmStatusMGAnnStorUsedTotal.1 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.2 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.3 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.4 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.5 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.6 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.8 = STRING: n/a
```



```

avCmStatusMGAnnStorUsedTotal.9 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.10 = STRING: n/a
avCmStatusMGAnnStorUsedUsed.1 = STRING:
avCmStatusMGAnnStorUsedUsed.2 = STRING:
avCmStatusMGAnnStorUsedUsed.3 = STRING:
avCmStatusMGAnnStorUsedUsed.4 = STRING:
avCmStatusMGAnnStorUsedUsed.5 = STRING:
avCmStatusMGAnnStorUsedUsed.6 = STRING:
avCmStatusMGAnnStorUsedUsed.8 = STRING:
avCmStatusMGAnnStorUsedUsed.9 = STRING:
avCmStatusMGAnnStorUsedUsed.10 = STRING:
avCmStatusMGAnnStorUsedAvail.1 = STRING:
avCmStatusMGAnnStorUsedAvail.2 = STRING:
avCmStatusMGAnnStorUsedAvail.3 = STRING:
avCmStatusMGAnnStorUsedAvail.4 = STRING:
avCmStatusMGAnnStorUsedAvail.5 = STRING:
avCmStatusMGAnnStorUsedAvail.6 = STRING:
avCmStatusMGAnnStorUsedAvail.8 = STRING:
avCmStatusMGAnnStorUsedAvail.9 = STRING:
avCmStatusMGAnnStorUsedAvail.10 = STRING:
avCmStatusMGAnnCfStatIns.1 = STRING:
avCmStatusMGAnnCfStatIns.2 = STRING:
avCmStatusMGAnnCfStatIns.3 = STRING:
avCmStatusMGAnnCfStatIns.4 = STRING:
avCmStatusMGAnnCfStatIns.5 = STRING:
avCmStatusMGAnnCfStatIns.6 = STRING:
avCmStatusMGAnnCfStatIns.8 = STRING:
avCmStatusMGAnnCfStatIns.9 = STRING:
avCmStatusMGAnnCfStatIns.10 = STRING:
avCmStatusMGAnnCfStatAct.1 = STRING:
avCmStatusMGAnnCfStatAct.2 = STRING:
avCmStatusMGAnnCfStatAct.3 = STRING:
avCmStatusMGAnnCfStatAct.4 = STRING:
avCmStatusMGAnnCfStatAct.5 = STRING:
avCmStatusMGAnnCfStatAct.6 = STRING:
avCmStatusMGAnnCfStatAct.8 = STRING:
avCmStatusMGAnnCfStatAct.9 = STRING:
avCmStatusMGAnnCfStatAct.10 = STRING:
avCmStatusMGAnnCfStatErr.1 = STRING:
avCmStatusMGAnnCfStatErr.2 = STRING:
avCmStatusMGAnnCfStatErr.3 = STRING:
avCmStatusMGAnnCfStatErr.4 = STRING:
avCmStatusMGAnnCfStatErr.5 = STRING:
avCmStatusMGAnnCfStatErr.6 = STRING:
avCmStatusMGAnnCfStatErr.8 = STRING:
avCmStatusMGAnnCfStatErr.9 = STRING:
avCmStatusMGAnnCfStatErr.10 = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIntegAnn

MIB group name	OID	Type
avCmListIntegAnn	enterprises.6889.2.73.8.1.63	Table

Description

The avCmListIntegAnn MIB group displays the information of all the integrated announcements.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIntegAnn	SAT	list integrated- annnc-boards	INTEGRATED ANNOUNCEMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIntegAnnTable	.1	n/a	SEQUENCE OF AvCmListIntegAnn Entry	n/a	An object containing the avCmListIntegAnn entries.
avCmListIntegAnnEntry	.1.1	n/a	AvCmListIntegAnn Entry	n/a	An object containing the avCmListIntegAnn entry with the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information that the switch sent.
avCmListIntegAnnIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each increment of data.
avCmListIntegAnnIntIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..4))	n/a	An object that uniquely identifies each increment of data.
avCmListIntegAnnSource	.1.1.3	n/a	SnmpAdminString (SIZE (0..6))	Source	An object containing the announcement source location.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnTimeRem	.1.1.4	R	SnmpAdminString (SIZE (0..3))	Time remaining at	An object containing the run rate of the announcements.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnKbps	.1.1.5	R	SnmpAdminString (SIZE (0..6))	kbps	An object containing the kilobytes per second of the announcements.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnIntNum	.1.1.6	R	SnmpAdminString (SIZE (0..4))	Internal Number	An object containing the internal number of the announcement.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnGrpNum	.1.1.7	R	SnmpAdminString (SIZE (0..3))	Group Number	An object containing the audio group number of the announcement.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnExtension	.11.8	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnName	.1.1.9	R	SnmpAdminString (SIZE (0..29))	Name	An object containing the name of the announcement.
INTEGRATED ANNOUNCEMENTS					
avCmListIntegAnnLength	.1.1.10	R	Integer32 (0..99999)	Length	An object containing the length of the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
INTEGRATED ANNOUNCEMENTS					announcement in seconds.
avCmListIntegAnnSize	.1.1.11	R	Integer32 (0..99999)	Size	An object containing the size of the announcement in kilobytes.
INTEGRATED ANNOUNCEMENTS					

Sample output of forms

list integrated-annc-boards					Page 1
INTEGRATED ANNOUNCEMENTS					
Source: 07B11			Time Remaining at 64Kbps: 3949		
Internal Group Number	Announcement Number	Extension	Name	Length (Sec)	Size (Kb)
NA		88010	ann88010	8	60
NA		88011	ann88011	7	53
NA		88012	ann88012	5	37
NA		88013	ann88013	5	37
NA		88014	ann88014	5	38
NA		88015	ann88015	5	36
NA		88016	ann88016	5	40
NA		88017	ann88017	4	33
NA		88018	ann88018	4	29
NA		88019	ann88019	4	35
NA		88020	ann88020	5	39
NA		88021	ann88021	4	30
NA		88022	ann88022	6	46
NA		88023	ann88023	5	38
press CANCEL to quit -- press NEXT PAGE to continue					
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg					

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmListIntegAnn
avCmListIntegAnnSource."004V9"."NA" = STRING: 004V9
avCmListIntegAnnSource."07B11"."NA" = STRING: 07B11
avCmListIntegAnnTimeRem."004V9"."NA" = STRING: 64
avCmListIntegAnnTimeRem."07B11"."NA" = STRING: 64
avCmListIntegAnnKbps."004V9"."NA" = STRING: 2811
avCmListIntegAnnKbps."07B11"."NA" = STRING: 3949
avCmListIntegAnnIntNum."004V9"."NA" = STRING: NA
avCmListIntegAnnIntNum."07B11"."NA" = STRING: NA
avCmListIntegAnnGrpNum."004V9"."NA" = STRING:
avCmListIntegAnnGrpNum."07B11"."NA" = STRING:
avCmListIntegAnnExtension."004V9"."NA" = STRING: 88040
avCmListIntegAnnExtension."07B11"."NA" = STRING: 88010
avCmListIntegAnnName."004V9"."NA" = STRING: ann88040
avCmListIntegAnnName."07B11"."NA" = STRING: ann88010
avCmListIntegAnnLength."004V9"."NA" = INTEGER: 7
avCmListIntegAnnLength."07B11"."NA" = INTEGER: 8
avCmListIntegAnnSize."004V9"."NA" = INTEGER: 53
avCmListIntegAnnSize."07B11"."NA" = INTEGER: 6

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatHrJitter

MIB group name	OID	Type
avCmMeasIpVoStatHrJitter	enterprises.6889.2.73.8.1.66	Table

Description

The avCmMeasIpVoStatHrJitter MIB group displays the hourly packet loss during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVStatHrJitter	SAT	list measurements ip voice-stats hourly jitter	IP VOICE STATISTICS NETWORK REGION JITTER REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHrJitterTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatHrJitterEntry	n/a	An object containing the avCmMeasIpVoStatHrJitter entries.
avCmMeasIpVoStatHrJitterEntry	.1.1	n/a	avCmMeasIpVoStatHrJitterEntry	n/a	An object containing the avCmMeasIpVoStatHrJitter entry with the information that the switch sent.
avCmMeasIpVoStatHrJitterRegIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An index in the network region.
avCmMeasIpVoStatHrJitterHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index that contains the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatHrJitterIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the packet loss voice statistics.
avCmMeasIpVoStatHrJitterRegion	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterCallingNum	.1.1. 8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterCalledNum	.1.1. 9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterCodec	.1.1. 10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterPktSize	.1.1. 11	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterTimeCall	.1.1. 12	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterBufSize	.1.1. 13	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterBufOrn	.1.1. 14	R	SnmpAdminString (SIZE (0..4))	Jitter Buffer Orn	An object containing the Orn of the jitter buffer.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterBufUrn	.1.1. 15	R	SnmpAdminString (SIZE (0..4))	Jitter Buffer Urn	An object containing the Urn of the jitter buffer.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterAvgJitter	.1.1. 16	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterPeakJitter	.1.1. 17	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJ itterFarIpAddr	.1.1. 18	R	SnmpAdminString (SIZE (0..41))	Far-end IP-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					

Sample output of forms

list measurements ip voice-stats hourly jitter 1											
Switch Name:				Date: 5:50 am FRI MAY 29, 2015							
IP VOICE STATISTICS NETWORK				REGION JITTER REPORT							
Meas	Board	Calling	Called Number/	Pkt	Time	Jitter-Buffer	Jitter				
Hour	Loc	Number	Far-end IP-Addr	Size	of	Size	Orn	Urn	Avg	Peak	
			Codec	(ms)	Call	(ms)			(ms)		
100	01A06	5021618	5022210	20	4051	1198	19	11	1092	1198	
			10.216.0.251								
100	01A06	5021618	5022210	20	4041	996	8	3	996	996	
			10.216.0.252								
100	01A06	5021618	5022210	20	4043	987	19	11	987	987	
			10.216.0.251								
100	01A06	5021678	5022682	20	4017	596	10	12	596	596	
			10.216.0.252								
100	01A06	5021985	5022661	20	4009	595	10	11	595	595	
			10.216.0.252								
Command successfully completed											
Command: █											

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatHrJitter
avCmMeasIpVoStatHrJitterRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrJitterRegion.1.100.2 = INTEGER: 1
:
```



```

:
avCmMeasIpVoStatHrJitterRegion.3.2100.2 = INTEGER: 3
avCmMeasIpVoStatHrJitterMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatHrJitterMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatHrJitterMeasHour.3.2100.2 = INTEGER: 2100
avCmMeasIpVoStatHrJitterRunTime.1.100.1 = STRING: 5:51 am FRI MAY 29, 2015
avCmMeasIpVoStatHrJitterRunTime.1.100.2 = STRING: 5:51 am FRI MAY 29, 2015
:
:
avCmMeasIpVoStatHrJitterRunTime.3.2100.2 = STRING: 5:51 am FRI MAY 29, 2015
avCmMeasIpVoStatHrJitterBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatHrJitterBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatHrJitterBoardLoc.3.2100.2 = STRING: 01A03
avCmMeasIpVoStatHrJitterCallingNum.1.100.1 = STRING: 5021618
avCmMeasIpVoStatHrJitterCallingNum.1.100.2 = STRING: 5021618
:
:
avCmMeasIpVoStatHrJitterCallingNum.3.2100.2 = STRING: 5021045
avCmMeasIpVoStatHrJitterCalledNum.1.100.1 = STRING: 5022210
326
avCmMeasIpVoStatHrJitterCalledNum.1.100.2 = STRING: 5022210
:
:
avCmMeasIpVoStatHrJitterCalledNum.3.2100.2 = STRING: 5022720
avCmMeasIpVoStatHrJitterCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatHrJitterCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatHrJitterCodec.3.2100.2 = STRING: g711m
avCmMeasIpVoStatHrJitterPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatHrJitterPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatHrJitterPktSize.3.2100.2 = INTEGER: 20
avCmMeasIpVoStatHrJitterTimeCall.1.100.1 = STRING: 4051
avCmMeasIpVoStatHrJitterTimeCall.1.100.2 = STRING: 4041
:
:
avCmMeasIpVoStatHrJitterTimeCall.3.2100.2 = STRING: 4223
avCmMeasIpVoStatHrJitterBufSize.1.100.1 = STRING: 119
avCmMeasIpVoStatHrJitterBufSize.1.100.2 = STRING: 996
:
:
avCmMeasIpVoStatHrJitterBufSize.3.2100.2 = STRING: 242
avCmMeasIpVoStatHrJitterBufOrn.1.100.1 = STRING: 19
avCmMeasIpVoStatHrJitterBufOrn.1.100.2 = STRING: 8
:
:
avCmMeasIpVoStatHrJitterBufOrn.3.2100.2 = STRING: 0
avCmMeasIpVoStatHrJitterBufUrn.1.100.1 = STRING: 11
avCmMeasIpVoStatHrJitterBufUrn.1.100.2 = STRING: 3
:
:
avCmMeasIpVoStatHrJitterBufUrn.3.2100.2 = STRING: 8
avCmMeasIpVoStatHrJitterAvgJitter.1.100.1 = STRING: 1092
avCmMeasIpVoStatHrJitterAvgJitter.1.100.2 = STRING: 996
:
:
avCmMeasIpVoStatHrJitterAvgJitter.3.2100.2 = STRING: 208
avCmMeasIpVoStatHrJitterPeakJitter.1.100.1 = STRING: 1198
avCmMeasIpVoStatHrJitterPeakJitter.1.100.2 = STRING: 996

```

```

:
:
avCmMeasIPVoStatHrJitterPeakJitter.3.2100.2 = STRING: 242
avCmMeasIPVoStatHrJitterFarIpAddr.1.100.1 = STRING: 10.216.0.251
avCmMeasIPVoStatHrJitterFarIpAddr.1.100.2 = STRING: 10.216.0.252
:
:
avCmMeasIPVoStatHrJitterFarIpAddr.3.2100.2 = STRING: 10.216.0.252
vit@server1>

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIPVoStatHrPkLos

MIB group name	OID	Type
avCmMeasIPVoStatHrPkLos	enterprises.6889.2.73.8.1.65	Table

Description

The avCmMeasIPVoStatHrPkLos MIB group displays the hourly packet loss during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIPVoStatHrPkLos	SAT	list measurements ip voice-stats hourly pktloss	IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIPVoStatHrPkLosTable	.1	n/a	SEQUENCE OF avCmMeasIPVoStatHrPkLosEntry	n/a	An object containing the avCmMeasIPVoStatHrPkLos entries.
avCmMeasIPVoStatHrPkLosEntry	.1.1	n/a	avCmMeasIPVoStatHrPkLosEntry	n/a	An object containing the avCmMeasIPVoStatHrPkLos entry with the information that the switch sent.
avCmMeasIPVoStatHrPkLosRegIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An index in the network region.
avCmMeasIPVoStatHrPkLosHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index that contains the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIPVoStatHrPkLosIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the packet loss voice statistics.
avCmMeasIPVoStatHrPkLosRegion	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIPVoStatHr PkLosRunTime	.1.1. 6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosBoardLoc	.1.1. 7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosCallingNum	.1.1. 8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosCalledNum	.1.1. 9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosCodec	.1.1. 10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosPktSize	.1.1. 11	R	Integer32 (0..999)	Pkt Size	An object containing the network region where the media processor is located.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosDstReg	.1.1. 12	R	Integer32 (0..5)	Dst Reg	An object containing the timestamp when the threshold is exceeded in the call. The timestamp displays minutes and seconds in the MM-SS format.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosAvg	.1.1. 13	R	Integer32 (0..6)	RT-Delay Avg	An object containing the UDP port assigned to the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					media process for the call.
avCmMeasIPVoStatHr PkLosPeak	.1.1. 14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the packet size of each data stream of the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosTimeCall	.1.1. 15	R	Integer32 (0..9999)	Time of Call	An object containing the number of total packets lost for the call.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosDataCall	.1.1. 16	R	SnmpAdminString (SIZE (0..3))	Data Call	An object containing the indication of data calls.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosEncrypc	.1.1. 17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the peak packet loss in the call. The packet loss rate is calculated at 10- second intervals.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHr PkLosEC	.1.1. 18	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					

Sample output of forms

list measurements ip voice-stats hourly pktloss 2										Page 1
Switch Name:					Date: 2:33 am MON JUN 1, 2015					
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT										
Meas	Board	Calling Number/ Hour Loc Called#/FEAddr	Codec	Dst Reg	Time of Call	UDP Port	Pkt Size (ms)	Total #lost Pkts	Packet Loss %	Sil Sup
100	01A14	5020055	g711m	2	4205	30308	20	292	31	n
		5020155	10.129.137.155							
100	01A14	5020076	g711m	2	5311	30350	20	268	30	n
		5020176	10.129.137.176							
100	01A14	5020097	g711m	2	3751	30392	20	374	30	n
		5020197	10.129.137.197							
100	01A14	5020069	g711m	2	1327	30336	20	1170	30	n
		5020169	10.129.137.169							
100	01A14	5020082	g711m	2	0625	30362	20	618	30	n
		5020182	10.129.137.182							
0	01A14	5020040	g711m	2	0413	30278	20	492	30	n
		5020140	10.129.137.140							
0	01A14	5020030	g711m	2	2607	30258	20	1186	29	n
		5020130	10.129.137.130							
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatHrPkLos
avCmMeasIpVoStatHrPkLosRegion.1.0.6 = INTEGER: 1
avCmMeasIpVoStatHrPkLosRegion.1.0.7 = INTEGER: 1
:
:
avCmMeasIpVoStatHrPkLosRegion.2.2300.15 = INTEGER: 2
avCmMeasIpVoStatHrPkLosMeasHour.1.0.6 = INTEGER: 0
avCmMeasIpVoStatHrPkLosMeasHour.1.0.7 = INTEGER: 0
:
:
avCmMeasIpVoStatHrPkLosMeasHour.2.2300.15 = INTEGER: 2300
avCmMeasIpVoStatHrPkLosRunTime.1.0.6 = STRING: 2:30 am MON JUN 1, 2015
avCmMeasIpVoStatHrPkLosRunTime.1.0.7 = STRING: 2:30 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatHrPkLosRunTime.2.2300.15 = STRING: 2:30 am MON JUN 1, 2015
avCmMeasIpVoStatHrPkLosBoardLoc.1.0.6 = STRING: 01A06
avCmMeasIpVoStatHrPkLosBoardLoc.1.0.7 = STRING: 01A06
:
:
avCmMeasIpVoStatHrPkLosBoardLoc.2.2300.15 = STRING: 01A14
avCmMeasIpVoStatHrPkLosCallingNum.1.0.6 = STRING: 5020084
avCmMeasIpVoStatHrPkLosCallingNum.1.0.7 = STRING: 5020001
:
:
avCmMeasIpVoStatHrPkLosCallingNum.2.2300.15 = STRING: 5020003
avCmMeasIpVoStatHrPkLosCalledNum.1.0.6 = STRING: 5020184
avCmMeasIpVoStatHrPkLosCalledNum.1.0.7 = STRING: 5020101
:
:
avCmMeasIpVoStatHrPkLosCalledNum.2.2300.15 = STRING: 5020103
avCmMeasIpVoStatHrPkLosCodec.1.0.6 = STRING: g711m
avCmMeasIpVoStatHrPkLosCodec.1.0.7 = STRING: g711m
:
:
```

```

avCmMeasIpVoStatHrPkLosCodec.2.2300.15 = STRING: g711m
avCmMeasIpVoStatHrPkLosDstReg.1.0.6 = INTEGER: 3
avCmMeasIpVoStatHrPkLosDstReg.1.0.7 = INTEGER: 3
:
:
avCmMeasIpVoStatHrPkLosDstReg.2.2300.15 = INTEGER: 2
avCmMeasIpVoStatHrPkLosTimeCall.1.0.6 = STRING: 2633
avCmMeasIpVoStatHrPkLosTimeCall.1.0.7 = STRING: 4215
:
:
avCmMeasIpVoStatHrPkLosTimeCall.2.2300.15 = STRING: 0101
avCmMeasIpVoStatHrPkLosUDPPort.1.0.6 = STRING: 30166
avCmMeasIpVoStatHrPkLosUDPPort.1.0.7 = STRING: 30000
:
:
avCmMeasIpVoStatHrPkLosUDPPort.2.2300.15 = STRING: 30204
avCmMeasIpVoStatHrPkLosPktSize.1.0.6 = INTEGER: 20
avCmMeasIpVoStatHrPkLosPktSize.1.0.7 = INTEGER: 20
:
:
avCmMeasIpVoStatHrPkLosPktSize.2.2300.15 = INTEGER: 20
avCmMeasIpVoStatHrPkLosTotnumLosPkts.1.0.6 = INTEGER: 379
avCmMeasIpVoStatHrPkLosTotnumLosPkts.1.0.7 = INTEGER: 1258
:
:
avCmMeasIpVoStatHrPkLosTotnumLosPkts.2.2300.15 = INTEGER: 388
avCmMeasIpVoStatHrPkLosPktLossPerc.1.0.6 = STRING: 30
avCmMeasIpVoStatHrPkLosPktLossPerc.1.0.7 = STRING: 29
:
:
avCmMeasIpVoStatHrPkLosPktLossPerc.2.2300.15 = STRING: 29
avCmMeasIpVoStatHrPkLosSilSup.1.0.6 = STRING: n
avCmMeasIpVoStatHrPkLosSilSup.1.0.7 = STRING: n
:
:
avCmMeasIpVoStatHrPkLosSilSup.2.2300.15 = STRING: n
avCmMeasIpVoStatHrPkLosFEAddr.1.0.6 = STRING: 10.129.137.84
avCmMeasIpVoStatHrPkLosFEAddr.1.0.7 = STRING: 10.129.137.1
:
:
avCmMeasIpVoStatHrPkLosFEAddr.2.2300.15 = STRING: 10.129.137.103

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatHrRtDel

MIB group name	OID	Type
avCmMeasIpVoStatHrRtDel	enterprises.6889.2.73.8.1.66	Table

Description

The avCmMeasIpVoStatHrRtDel MIB group displays the hourly packet delay during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatHrRtdel	SAT	list measurements ip voice-stats hourly rtdelay	IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHrRtdelTable	.1	n/a	SEQUENCE OF AvCmMeasIpVoStat HrRtdelEntry	n/a	An object containing the avCmMeasIpVoStat HrRtdelentries.
avCmMeasIpVoStatHrRtdelEntry	.1.1	n/a	AvCmMeasIpVoStat HrRtdelEntry	n/a	An object containing the avCmMeasIpVoStat HrRtdel entry with the information that the switch sent.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHr RtdelRegIdx	.1.1. 1	n/a	Integer32 (0..2300)	n/a	An index in the network region.
avCmMeasIpVoStatHr RtdelHourIdx	.1.1. 2	n/a	Integer32 (0..2300)	n/a	An index that contains the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatHr RtdelIdx	.1.1. 3	n/a	Integer32 (0..9999)	n/a	A unique index for the packet loss voice statistics.
avCmMeasIpVoStatHr RtdelRegion	.1.1. 4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelMeasHour	.1.1. 5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelRunTime	.1.1. 6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelBoardLoc	.1.1. 7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelCallingNum	.1.1. 8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelCalledNum	.1.1. 9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelCodec	.1.1. 10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelPktSize	.1.1. 11	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream of the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelDstReg	.1.1. 12	R	Integer32 (0..9999)	Dst Reg	An object containing the network region where the media processor is located.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelAvg	.1.1. 13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two- way packet delay in milliseconds.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelPeak	.1.1. 14	R	Integer32 (0..9999)	RT-Delay Peak	An object containing the peak two-way packet delay in the call.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelTimeCall	.1.1. 15	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold is exceeded in the call. The timestamp displays minutes and seconds in the MM-SS format.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHr RtdelDataCall	.1.1. 16	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of data calls.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHrRtdelEncryp	.1.1.17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the indication of media encryption.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelEC	.1.1.18	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelFEAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far end IP address.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					

Sample output of forms

```
list measurements ip voice-stats hourly rtdelay 1
```

Switch Name:					Date: 6:09 am FRI MAY 29, 2015							
IP VOICE STATISTICS NETWORK					REGION RTDELAY REPORT							
Meas	Board	Calling Number/	Pkt	Size	Dst	Avg	Peak	of	Data			
Hour	Loc	Called#/FE-Addr	Codec	(ms)	Reg	(ms)		Call	Call	Encryp	EC	
100	01A06	5021678	g711m	20	3	1	2	4027	n	n	n	
		5022682	10.216.0.252									
100	01A06	5021618	g711m	20	3	0	1	4035	n	n	n	
		5022210	10.216.0.251									
100	01A06	5021678	g711m	20	3	1	1	4023	n	n	n	
		5022682	10.216.0.252									
100	01A06	5021106	g711m	20	3	0	1	4015	n	n	n	
		5022097	10.216.0.251									
100	01A06	5021181	g711m	20	3	0	1	3955	n	n	n	
		5022777	10.216.0.251									

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatHrRtdel
avCmMeasIpVoStatHrRtdelRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrRtdelRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatHrRtdelRegion.3.2300.4 = INTEGER: 3
avCmMeasIpVoStatHrRtdelMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatHrRtdelMeasHour.1.100.2 = INTEGER: 100
```

```

:
:
avCmMeasIpVoStatHrRtdelMeasHour.3.2300.4 = INTEGER: 2300
avCmMeasIpVoStatHrRtdelRunTime.1.100.1 = STRING: 7:28 am FRI MAY 29, 2015
avCmMeasIpVoStatHrRtdelRunTime.1.100.2 = STRING: 7:28 am FRI MAY 29, 2015
:
:
avCmMeasIpVoStatHrRtdelRunTime.3.2300.4 = STRING: 7:28 am FRI MAY 29, 2015
avCmMeasIpVoStatHrRtdelBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatHrRtdelBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatHrRtdelBoardLoc.3.2300.4 = STRING: 01A03
avCmMeasIpVoStatHrRtdelCallingNum.1.100.1 = STRING: 5021678
avCmMeasIpVoStatHrRtdelCallingNum.1.100.2 = STRING: 5021618
:
:
avCmMeasIpVoStatHrRtdelCallingNum.3.2300.4 = STRING: 5021010
avCmMeasIpVoStatHrRtdelCalledNum.1.100.1 = STRING: 5022682
avCmMeasIpVoStatHrRtdelCalledNum.1.100.2 = STRING: 5022210
:
:
avCmMeasIpVoStatHrRtdelCalledNum.3.2300.4 = STRING: 5022433
avCmMeasIpVoStatHrRtdelCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatHrRtdelCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatHrRtdelCodec.3.2300.4 = STRING: g711m
avCmMeasIpVoStatHrRtdelPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatHrRtdelPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatHrRtdelPktSize.3.2300.4 = INTEGER: 20
avCmMeasIpVoStatHrRtdelDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatHrRtdelDstReg.1.100.2 = INTEGER: 3
:
:
avCmMeasIpVoStatHrRtdelDstReg.3.2300.4 = INTEGER: 3
avCmMeasIpVoStatHrRtdelAvg.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrRtdelAvg.1.100.2 = INTEGER: 0
:
:
avCmMeasIpVoStatHrRtdelAvg.3.2300.4 = INTEGER: 6
avCmMeasIpVoStatHrRtdelPeak.1.100.1 = INTEGER: 2
avCmMeasIpVoStatHrRtdelPeak.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatHrRtdelPeak.3.2300.4 = INTEGER: 6
avCmMeasIpVoStatHrRtdelTimeCall.1.100.1 = STRING: 4027
avCmMeasIpVoStatHrRtdelTimeCall.1.100.2 = STRING: 4035
:
:
avCmMeasIpVoStatHrRtdelTimeCall.3.2300.4 = STRING: 3130
avCmMeasIpVoStatHrRtdelDataCall.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelDataCall.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatHrRtdelDataCall.3.2300.4 = STRING: n
avCmMeasIpVoStatHrRtdelEncryp.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelEncryp.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatHrRtdelEncryp.3.2300.4 = STRING: n
avCmMeasIpVoStatHrRtdelEC.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelEC.1.100.2 = STRING: n

```

```

:
:
avCmMeasIpVoStatHrRtdelEC.3.2300.4 = STRING: y
avCmMeasIpVoStatHrRtdelFEAddr.1.100.1 = STRING: 10.216.0.252
avCmMeasIpVoStatHrRtdelFEAddr.1.100.2 = STRING: 10.216.0.251
:
:
avCmMeasIpVoStatHrRtdelFEAddr.3.2300.4 = STRING: 10.216.0.252

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatHrData

MIB group name	OID	Type
avCmMeasIpVoStatHrData	enterprises.6889.2.73.8.1.67	Table

Description

The avCmMeasIpVoStatHrData MIB group displays the hourly data for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatHrData	SAT	list measurements ip voice-stats hourly data	IP VOICE STATISTICS NETWORK REGION DATA REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHr DataTable	.1	n/a	SEQUENCE OF AvCmMeasIpVoStat HrDataEntry	n/a	An object containing the avCmMeasIpVoStat HrData entries.
avCmMeasIpVoStatHr DataEntry	.1.1	n/a	AvCmMeasIpVoStat HrDataEntry	n/a	An object containing the avCmMeasIpVoStat HData entry with the information that the switch sent.
avCmMeasIpVoStatHr DataRegIdx	.1.1. 1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatHr DataHourIdx	.1.1. 2	n/a	Integer32 (0..20300)	n/a	An index that contains the measurements of the data voice statistics.
avCmMeasIpVoStatHr DataIdx	.1.1. 3	n/a	Integer32 (0..9999)	n/a	A unique index for the data voice statistics.
avCmMeasIpVoStatHr DataRegion	.1.1. 4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataMeasHour	.1.1. 5	R	Integer32 (0..2300)	Measurement Hour	An object containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataRunTime	.1.1. 6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataBoardLoc	.1.1. 7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataCallingNum	.1.1. 8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataCalledNum	.1.1. 9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataCodec	.1.1. 10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataDataType	.1.1. 11	R	SnmpAdminString (SIZE (0..7))	Data Type	An object containing the type of the call: ttyrel (TTY Relay), mod- pt (Modem pass- through), fax-pt (FAX pass-through), tty-pt (TTY pass- through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay)
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataPktSize	.1.1. 12	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream of the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataLostPerc	.1.1. 13	R	SnmpAdminString (SIZE (0..4))	Loss%	An object containing the total packet

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION DATA REPORT					loss during the call in percentage. The packet lost is calculated at 10- second intervals.
avCmMeasIpVoStatHr DataPeakJitter	.1.1. 14	R	Integer32 (0..9999)	Peak Jit	An object containing the peak jitter during the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataPeakDly	.1.1. 15	R	Integer32 (0..9999)	Dly	An object containing the two-delay during the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataDataEC	.1.1. 16	R	SnmpAdminString (SIZE (0..2))	EC	an object containing the status of echo cancellation.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHr DataFarIPAddr	.1.1. 17	R	SnmpAdminString (SIZE (0..41))	Farend IPAddr	An object containing the far end IP address.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					

Sample output of forms

```
list measurements ip voice-stats hourly data 3
```

Switch Name:					Date: 3:07 pm MON JUL 13, 2015						
IP VOICE STATISTICS NETWORK REGION DATA REPORT											
Meas	Board	Calling	Called Num/	Data	Packet	Peak					
Hour	Loc	Number	Farend IPAddr	Codec	Type	Size (ms)	Loss %	Jit (ms)	Dly	EC	
1400	01A05	4010	4042	g711m	mod-pt	10	0	0	1	n	
			135.9.78.247								
1400	01A05	4010	4042	g711m	mod-pt	10	0	0	1	n	
			135.9.78.247								
1400	01A05	4010	4042	g711m	mod-pt	10	0	0	1	n	
			135.9.78.247								
1400	01A05	4010	4042	g711m	mod-pt	10	0	0	1	n	
			135.9.78.247								
1400	01A05	4010	4042	g711m	mod-pt	10	0	0	1	n	
			135.9.78.247								

```
Command successfully completed
Command:
```

Command successfully completed

Command:

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatHrData
avCmMeasIpVoStatHrDataRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.2 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.3 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.4 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.5 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.12.1400.1 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.2 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.3 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.4 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatHrDataMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.2 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.3 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.4 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.5 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.1 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.2 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.3 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.4 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatHrDataRunTime.3.1400.1 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.2 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.3 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.4 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.5 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.1 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.2 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.3 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.4 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.5 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataBoardLoc.3.1400.1 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.2 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.3 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.4 = STRING: 01A05
```

```

avCmMeasIpVoStatHrDataBoardLoc.3.1400.5 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.12.1400.1 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.2 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.3 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.4 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatHrDataCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.2 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.3 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.4 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.5 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.1 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.2 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.3 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.4 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatHrDataCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.2 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.3 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.4 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.5 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.1 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.2 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.3 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.4 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatHrDataCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.2 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.3 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.4 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.5 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.1 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.2 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.3 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.4 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatHrDataDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.2 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.3 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.4 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.5 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.1 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.2 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.3 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.4 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatHrDataPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.2 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.3 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.4 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.5 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.1 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.2 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.3 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.4 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatHrDataLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.2 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.3 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.4 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.5 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.1 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.2 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.3 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.4 = STRING: 0

```

```

avCmMeasIpVoStatHrDataLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.2 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.3 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.4 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.5 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.1 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.2 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.3 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.4 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.2 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.3 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.4 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.5 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.1 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.2 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.3 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.4 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.5 = INTEGER: 1
avCmMeasIpVoStatHrDataEC.3.1400.1 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.2 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.3 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.4 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.5 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.1 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.2 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.3 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.4 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.5 = STRING: n
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.2 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.3 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.4 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.5 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.1 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.2 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.3 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.4 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.5 = STRING: 135.9.78.205

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumJitterLstHr

MIB group name	OID	Type
avCmMeasIpVoStatSumJitterYest	enterprises.6889.2.73.8.1.68	Table

Description

The avCmMeasIpVoStatSumJitterLstHr MIB group displays the jitter recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumJitterLstHr	SAT	list measurements ip voice-stats summary jitter last-hour	IP VOICE STATISTICS SUMMARY JITTER REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterLstHrTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumJitterLstHrEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterLstHr entries.
avCmMeasIpVoStatSumJitterLstHrEntry	.1.1.	n/a	avCmMeasIpVoStatSumJitterLstHrEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterLstHr entry with the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information that the switch sent.
avCmMeasIpVoStatSumJitterLstHrRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumJitterLstHrHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index containing the measurements of the jitter voice statistics.
avCmMeasIpVoStatSumJitterLstHrIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the jitter voice statistics.
avCmMeasIpVoStatSumJitterLstHrIdx	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufSize	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufOrn	.1.1.15	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufUrn	.1.1.16	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrAvgJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrPeakJitter	.1.1.18	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrFarIpAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Sample output of forms

list measurements ip voice-stats summary jitter last-hour											Page 1	
Switch Name:						Date: 2:24 am MON JUN 1, 2015						
IP VOICE STATISTICS SUMMARY						JITTER REPORT						
Src Meas	Board	Calling Number/	Dst	Pkt	Time	Jitter-Buffer	Jitter					
Reg Hour	Loc	Called#/FEAddr	Reg Codec	Size of	Size	Orn	Urn	Avg	Peak			
2	100	01A14 5020097	2 g711m	20	2123	62	4	99	54	62		
		5020197	10.129.137.197									
2	100	01A14 5020084	2 g711m	20	3117	61	5	6	48	61		
		5020184	10.129.137.184									
2	100	01A14 5020021	2 g711m	20	2359	61	5	99	51	61		
		5020121	10.129.137.121									
2	100	01A14 5020023	2 g711m	20	3059	60	8	64	49	60		
		5020123	10.129.137.123									
2	100	01A14 5020086	2 g711m	20	2915	60	6	99	49	60		
		5020186	10.129.137.186									
1	100	01A06 5020047	3 g711m	20	3535	63	4	99	48	63		
		5020147	10.129.137.47									
1	100	01A06 5020028	3 g711m	20	4403	61	7	99	46	61		
		5020128	10.129.137.28									
press CANCEL to quit -- press NEXT PAGE to continue												
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg												

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterLstHr
avCmMeasIpVoStatSumJitterLstHrRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumJitterLstHrRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumJitterLstHrRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumJitterLstHrMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumJitterLstHrMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatSumJitterLstHrMeasHour.2.100.5 = INTEGER: 100
```



```

avCmMeasIpVoStatSumJitterLstHrRunTime.1.100.1 = STRING: 2:27 am MON JUN 1, 2015
avCmMeasIpVoStatSumJitterLstHrRunTime.1.100.2 = STRING: 2:27 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumJitterLstHrRunTime.2.100.5 = STRING: 2:27 am MON JUN 1, 2015
avCmMeasIpVoStatSumJitterLstHrBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumJitterLstHrBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumJitterLstHrBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumJitterLstHrCallingNum.1.100.1 = STRING: 5020047
avCmMeasIpVoStatSumJitterLstHrCallingNum.1.100.2 = STRING: 5020028
:
:
avCmMeasIpVoStatSumJitterLstHrCallingNum.2.100.5 = STRING: 5020086
avCmMeasIpVoStatSumJitterLstHrCalledNum.1.100.1 = STRING: 5020147
avCmMeasIpVoStatSumJitterLstHrCalledNum.1.100.2 = STRING: 5020128
:
:
avCmMeasIpVoStatSumJitterLstHrCalledNum.2.100.5 = STRING: 5020186
avCmMeasIpVoStatSumJitterLstHrDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterLstHrDstReg.1.100.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumJitterLstHrDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumJitterLstHrCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumJitterLstHrCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumJitterLstHrCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumJitterLstHrPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterLstHrPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumJitterLstHrPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumJitterLstHrTimeCall.1.100.1 = STRING: 3535
avCmMeasIpVoStatSumJitterLstHrTimeCall.1.100.2 = STRING: 4403
:
:
avCmMeasIpVoStatSumJitterLstHrTimeCall.2.100.5 = STRING: 2915
avCmMeasIpVoStatSumJitterLstHrBufSize.1.100.1 = STRING: 63
avCmMeasIpVoStatSumJitterLstHrBufSize.1.100.2 = STRING: 61
:
:
avCmMeasIpVoStatSumJitterLstHrBufSize.2.100.5 = STRING: 60
avCmMeasIpVoStatSumJitterLstHrBufOrn.1.100.1 = STRING: 4
avCmMeasIpVoStatSumJitterLstHrBufOrn.1.100.2 = STRING: 7
:
:
avCmMeasIpVoStatSumJitterLstHrBufOrn.2.100.5 = STRING: 6
avCmMeasIpVoStatSumJitterLstHrBufUrn.1.100.1 = STRING: 99
avCmMeasIpVoStatSumJitterLstHrBufUrn.1.100.2 = STRING: 99
:
:
avCmMeasIpVoStatSumJitterLstHrBufUrn.2.100.5 = STRING: 99
avCmMeasIpVoStatSumJitterLstHrAvgJitter.1.100.1 = STRING: 48
avCmMeasIpVoStatSumJitterLstHrAvgJitter.1.100.2 = STRING: 46
:
:
avCmMeasIpVoStatSumJitterLstHrAvgJitter.2.100.5 = STRING: 49
avCmMeasIpVoStatSumJitterLstHrPeakJitter.1.100.1 = STRING: 63
avCmMeasIpVoStatSumJitterLstHrPeakJitter.1.100.2 = STRING: 61
:
:
avCmMeasIpVoStatSumJitterLstHrPeakJitter.2.100.5 = STRING: 60

```



```

avCmMeasIpVoStatSumJitterLstHrFarIpAddr.1.100.1 = STRING: 10.129.137.47
avCmMeasIpVoStatSumJitterLstHrFarIpAddr.1.100.2 = STRING: 10.129.137.28
:
:
avCmMeasIpVoStatSumJitterLstHrFarIpAddr.2.100.5 = STRING: 10.129.137.186

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumJitterToday

MIB group name	OID	Type
avCmMeasIpVoStatSumJitterYest	enterprises.6889.2.73.8.1.70	Table

Description

The avCmMeasIpVoStatSumJitterToday MIB group displays the jitter recorded during calls in the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour..

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumJitterToday	SAT	<code>list measurements ip voice-stats summary jitter today</code>	IP VOICE STATISTICS SUMMARY JITTER REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterTodayTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumJitterTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterToday entries.
avCmMeasIpVoStatSumJitterTodayEntry	.1.1.	n/a	avCmMeasIpVoStatSumJitterTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterToday entry with the information that the switch sent.
avCmMeasIpVoStatSumJitterTodayRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumJitterTodayHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index containing the measurements of the jitter voice statistics.
avCmMeasIpVoStatSumJitterTodayIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the jitter voice statistics.
avCmMeasIpVoStatSumJitterTodayIdx	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufSize	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufOrn	.1.1.15	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufUrn	.1.1.16	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayAvgJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayPeakJitter	.1.1.18	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayFarIpAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Sample output of forms

```
list measurements ip voice-stats summary jitter today
```

Switch Name:						Date: 7:52 am FRI MAY 29, 2015					
IP VOICE STATISTICS SUMMARY						JITTER REPORT					
Src Meas	Board	Calling Number/	Dst	Pkt	Time	Jitter-Buffer	Jitter				
Reg Hour	Loc	Called#/FEAddr	Reg Codec	Size of	Size	Orn	Urn	Avg	Peak		
(ms)	Call	(ms)						(ms)			
1	100	01A06	5021618	3	g711m	20	4051	1198	19	11	1092 1198
			5022210	10.216.0.251							
1	100	01A06	5021618	3	g711m	20	4041	996	8	3	996 996
			5022210	10.216.0.252							
1	100	01A06	5021618	3	g711m	20	4043	987	19	11	987 987
			5022210	10.216.0.251							
1	100	01A06	5021678	3	g711m	20	4017	596	10	12	596 596
			5022682	10.216.0.252							
1	100	01A06	5021985	3	g711m	20	4009	595	10	11	595 595
			5022661	10.216.0.252							
3	300	01A03	5021708	3	g711m	20	0055	268	0	15	242 268
			5022010	10.216.0.252							

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterToday
avCmMeasIpVoStatSumJitterTodayRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.2 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.3 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.4 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.5 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.3.300.1 = INTEGER: 300
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.2 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.3 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.4 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.5 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.3.300.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.2 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.3 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.4 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.5 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.3.300.1 = STRING: 01A03
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.1 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.2 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.3 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.4 = STRING: 5021678
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.5 = STRING: 5021985
avCmMeasIpVoStatSumJitterTodayCallingNum.3.300.1 = STRING: 5021708
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.1 = STRING: 5022210
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.2 = STRING: 5022210
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.3 = STRING: 5022210
```

```

avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.4 = STRING: 5022682
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.5 = STRING: 5022661
avCmMeasIpVoStatSumJitterTodayCalledNum.3.300.1 = STRING: 5022010
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.3 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.4 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.5 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.2 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.3 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.4 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.5 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.3.300.1 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.2 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.3 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.4 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.5 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.3.300.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.1 = STRING: 4051
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.2 = STRING: 4041
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.3 = STRING: 4043
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.4 = STRING: 4017
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.5 = STRING: 4009
avCmMeasIpVoStatSumJitterTodayTimeCall.3.300.1 = STRING: 0055
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.1 = STRING: 119
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayBufSize.3.300.1 = STRING: 268
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.1 = STRING: 19
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.2 = STRING: 8
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.3 = STRING: 19
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.4 = STRING: 10
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.5 = STRING: 10
avCmMeasIpVoStatSumJitterTodayBufOrn.3.300.1 = STRING: 0
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.1 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.2 = STRING: 3
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.3 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.4 = STRING: 12
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.5 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.3.300.1 = STRING: 15
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.1 = STRING: 1092
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayAvgJitter.3.300.1 = STRING: 242
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.1 = STRING: 1198
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayPeakJitter.3.300.1 = STRING: 268
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.1 = STRING: 10.216.0.251
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.2 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.3 = STRING: 10.216.0.251
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.4 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.5 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.3.300.1 = STRING: 10.216.0.252

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumJitterYest

MIB group name	OID	Type
avCmMeasIpVoStatSumJitterYest	enterprises.6889.2.73.8.1.70	Table

Description

The avCmMeasIpVoStatSumJitterYest MIB group displays the jitter recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. The data is updated at 12.00 AM.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumJitterYest	SAT	list measurements ip voice-stats summary jitter yesterday	IP VOICE STATISTICS SUMMARY JITTER REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

Command permissions or user profile

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterYestTable	.1	n/a	SEQUENCE OF AvCmMeasIpVoStatSumJitterYestEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterYest entries.
avCmMeasIpVoStatSumJitterYestEntry	.1.1.	n/a	AvCmMeasIpVoStatSumJitterYestEntry	n/a	An object containing the avCmMeasIpVoStatSumJitterYest entry with the information that the switch sent.
avCmMeasIpVoStatSumJitterYestRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumJitterYestHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index containing the measurements of the jitter voice statistics.
avCmMeasIpVoStatSumJitterYestIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the jitter voice statistics.
avCmMeasIpVoStatSumJitterYestIdx	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterYestBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBufSize	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumJitterYestBufOrn	.1.1.15	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBufUrn	.1.1.16	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestAvgJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestPeakJitter	.1.1.18	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestFarIpAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Sample output of forms

```
list measurements ip voice-stats summary jitter yesterday

Switch Name:                               Date: 7:58 am  FRI MAY 29, 2015
                                IP VOICE STATISTICS SUMMARY  JITTER REPORT
Src Meas  Board  Calling Number/  Dst      Pkt  Time  Jitter-Buffer  Jitter
Reg Hour  Loc   Called#/FEAddr  Reg  Codec  Size of Size Orn  Urn  Avg Peak
          (ms) Call (ms)
3   1000  01A03  5021143    3    g711m   20   1139  267  0   15  256  267
          5022468    10.216.0.252
3   1000  01A03  5021143    3    g711m   20   1129  246  0   15  246  246
          5022468    10.216.0.252

Command successfully completed
Command: █
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterYest
avCmMeasIpVoStatSumJitterYestRegion.3.1000.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestRegion.3.1000.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestMeasHour.3.1000.1 = INTEGER: 1000
avCmMeasIpVoStatSumJitterYestMeasHour.3.1000.2 = INTEGER: 1000
avCmMeasIpVoStatSumJitterYestRunTime.3.1000.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterYestRunTime.3.1000.2 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterYestBoardLoc.3.1000.1 = STRING: 01A03
avCmMeasIpVoStatSumJitterYestBoardLoc.3.1000.2 = STRING: 01A03
avCmMeasIpVoStatSumJitterYestCallingNum.3.1000.1 = STRING: 5021143
avCmMeasIpVoStatSumJitterYestCallingNum.3.1000.2 = STRING: 5021143
avCmMeasIpVoStatSumJitterYestCalledNum.3.1000.1 = STRING: 5022468
avCmMeasIpVoStatSumJitterYestCalledNum.3.1000.2 = STRING: 5022468
avCmMeasIpVoStatSumJitterYestDstReg.3.1000.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestDstReg.3.1000.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestCodec.3.1000.1 = STRING: g711m
avCmMeasIpVoStatSumJitterYestCodec.3.1000.2 = STRING: g711m
avCmMeasIpVoStatSumJitterYestPktSize.3.1000.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterYestPktSize.3.1000.2 = INTEGER: 20
avCmMeasIpVoStatSumJitterYestTimeCall.3.1000.1 = STRING: 1139
avCmMeasIpVoStatSumJitterYestTimeCall.3.1000.2 = STRING: 1129
avCmMeasIpVoStatSumJitterYestBufSize.3.1000.1 = STRING: 267
avCmMeasIpVoStatSumJitterYestBufSize.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestBufOrn.3.1000.1 = STRING: 0
avCmMeasIpVoStatSumJitterYestBufOrn.3.1000.2 = STRING: 0
avCmMeasIpVoStatSumJitterYestBufUrn.3.1000.1 = STRING: 15
avCmMeasIpVoStatSumJitterYestBufUrn.3.1000.2 = STRING: 15
avCmMeasIpVoStatSumJitterYestAvgJitter.3.1000.1 = STRING: 256
avCmMeasIpVoStatSumJitterYestAvgJitter.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestPeakJitter.3.1000.1 = STRING: 267
avCmMeasIpVoStatSumJitterYestPeakJitter.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestFarIpAddr.3.1000.1 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterYestFarIpAddr.3.1000.2 = STRING: 10.216.0.252
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumPkLosLstHr

MIB group name	OID	Type
avCmMeasIpVoStatSumPkLosYest	enterprises.6889.2.73.8.1.71	Table

Description

The avCmMeasIpVoStatSumPkLosLstHr MIB group displays the packet loss recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumPkLosLstHr	SAT	list measurements ip voice-stats pktloss last-hour	IP VOICE STATISTICS SUMMARY PKTLOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosLstHrTable	..1	n/a	SEQUENCE OF avCmMeasIpVoStatSumPkLosLstHrEntry	n/a	An object containing the avCmMeasIpVoStatSumPkLosLstHr entries.
avCmMeasIpVoStatSumPkLosLstHrEntry	..1.1	n/a	avCmMeasIpVoStatSumPkLosLstHrEntry	n/a	An object containing the avCmMeasIpVoStatSumPkLosLstHr entry with the information that the switch sent.
avCmMeasIpVoStatSumPkLosLstHrRegIdx	..1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumPkLosLstHrHourIdx	..1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the PktLoss voice statistics.
avCmMeasIpVoStatSumPkLosLstHrIdx	..1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the pktloss voice statistics.
avCmMeasIpVoStatSumPkLosLstHrRegion	..1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrMeasHour	..1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrRunTime	..1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrBoardLoc	..1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrCallingNum	..1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrCalledNum	..1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrDstReg	..1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrCodec	..1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrTimeCall	..1.1.12	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrUDPPort	..1.1.13		SnmpAdminString (SIZE (0..6))	UDP Port	An object containing the port used by the media processor for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrPktSize	..1.1.14	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosLstHrTotnumLossPkts	..1.1.15	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosLstHrPktLossPercentage	..1.1.16		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The packet loss is measured at 10-second intervals.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosLstHrSilSup	..1.1.17	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosLstHrFEAddr	..1.1.18	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Sample output of forms

list measurements ip voice-stats summary pktloss last-hour											Page	1
Switch Name:					Date: 2:24 am MON JUN 1, 2015							
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT												
Src Reg	Meas Hour	Board Loc	Calling Number/ Called#	FEAddr	Dst Reg	Codec	Time of Call	UDP Port	Pkt Size (ms)	Total #lost Pkts	Packet Loss %	Sil Sup
2	100	01A14	5020055		2	g711m	4205	3030820		292	31	n
			5020155				10.129.137.155					
2	100	01A14	5020076		2	g711m	5311	3035020		268	30	n
			5020176				10.129.137.176					
2	100	01A14	5020097		2	g711m	3751	3039220		374	30	n
			5020197				10.129.137.197					
2	100	01A14	5020069		2	g711m	1327	3033620		1170	30	n
			5020169				10.129.137.169					
2	100	01A14	5020082		2	g711m	0625	3036220		618	30	n
			5020182				10.129.137.182					
1	100	01A06	5020036		3	g711m	3743	3007020		811	30	n
			5020136				10.129.137.36					
1	100	01A06	5020047		3	g711m	1957	3009220		963	30	n
			5020147				10.129.137.47					
press CANCEL to quit -- press NEXT PAGE to continue												
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg												

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosLstHr
avCmMeasIpVoStatSumPkLosLstHrRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosLstHrRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosLstHrRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosLstHrMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumPkLosLstHrMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatSumPkLosLstHrMeasHour.2.100.5 = INTEGER: 100
avCmMeasIpVoStatSumPkLosLstHrRunTime.1.100.1 = STRING: 2:21 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosLstHrRunTime.1.100.2 = STRING: 2:21 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumPkLosLstHrRunTime.2.100.5 = STRING: 2:21 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosLstHrCallingNum.1.100.1 = STRING: 5020036
avCmMeasIpVoStatSumPkLosLstHrCallingNum.1.100.2 = STRING: 5020047
:
:
avCmMeasIpVoStatSumPkLosLstHrCallingNum.2.100.5 = STRING: 5020082
avCmMeasIpVoStatSumPkLosLstHrCalledNum.1.100.1 = STRING: 5020136
avCmMeasIpVoStatSumPkLosLstHrCalledNum.1.100.2 = STRING: 5020147
:
:
avCmMeasIpVoStatSumPkLosLstHrCalledNum.2.100.5 = STRING: 5020182
avCmMeasIpVoStatSumPkLosLstHrDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosLstHrDstReg.1.100.2 = INTEGER: 3
:
:
```



```

avCmMeasIpVoStatSumPkLosLstHrDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosLstHrCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosLstHrCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosLstHrCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosLstHrTimeCall.1.100.1 = STRING: 3743
avCmMeasIpVoStatSumPkLosLstHrTimeCall.1.100.2 = STRING: 1957
:
:
avCmMeasIpVoStatSumPkLosLstHrTimeCall.2.100.5 = STRING: 0625
avCmMeasIpVoStatSumPkLosLstHrUDPPort.1.100.1 = STRING: 30070
avCmMeasIpVoStatSumPkLosLstHrUDPPort.1.100.2 = STRING: 30092
:
:
avCmMeasIpVoStatSumPkLosLstHrUDPPort.2.100.5 = STRING: 30362
avCmMeasIpVoStatSumPkLosLstHrPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosLstHrPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosLstHrPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.1.100.1 = INTEGER: 811
369
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.1.100.2 = INTEGER: 963
:
:
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.2.100.5 = INTEGER: 618
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.1.100.1 = STRING: 30
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.1.100.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosLstHrSilSup.1.100.1 = STRING: n
avCmMeasIpVoStatSumPkLosLstHrSilSup.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosLstHrSilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosLstHrFEAddr.1.100.1 = STRING: 10.129.137.36
avCmMeasIpVoStatSumPkLosLstHrFEAddr.1.100.2 = STRING: 10.129.137.47
:
:
avCmMeasIpVoStatSumPkLosLstHrFEAddr.2.100.5 = STRING: 10.129.137.182

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumPkLosToday

MIB group name	OID	Type
avCmMeasIpVoStatSumPkLosToday	enterprises.6889.2.73.8.1.72	Table

Description

The avCmMeasIpVoStatSumPkLosToday MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

The avCmMeasIpVoStatSumPkLosToday MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumPkLosToday	SAT	<code>list measurements ip voice-stats pktloss today</code>	IP VOICE STATISTICS SUMMARY PKTLOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosTodayTable	..1	n/a	SEQUENCE OF avCmMeasIpVoStatSumPkLosTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumPkLosToday entries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosTodayEntry	..1.1	n/a	avCmMeasIpVoStatSumPkLosTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumPkLosToday entry with the information that the switch sent.
avCmMeasIpVoStatSumPkLosTodayRegIdx	..1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumPkLosTodayHourIdx	..1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the PktLoss voice statistics.
avCmMeasIpVoStatSumPkLosTodayIdx	..1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the pktloss voice statistics.
avCmMeasIpVoStatSumPkLosTodayRegion	..1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayMeasHour	.1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayBoardLoc	..1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosTodayCallingNum	..1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayCalledNum	..1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayDstReg	..1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayCodec	..1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayTimeCall	..1.1.12	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayUDPPort	..1.1.13		SnmpAdminString (SIZE (0..6))	UDP Port	An object containing the port used by the media processor for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayPktSize	..1.1.14	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPktLosTodayTotnumLossPkts	..1.1.15	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayPktLossPercent	..1.1.16		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The packet loss is measured at 10-second intervals.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodaySilSup	..1.1.17	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayFEAddr	..1.1.18	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Sample output of forms

list measurements ip voice-stats summary pktloss yesterday										Page 1	
Switch Name:					Date: 2:16 am					MON JUN 1, 2015	
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT											
Src Meas	Board	Calling Number/	Dst	Time	Pkt	Total	Packet				
Reg Hour	Loc	Called#/FEAddr	Reg Codec	Call Port (ms)	Size	#lost	Loss	Sil			
2	100	01A14 5020028	2 g711m	3737	3025420	1237	33	n			
		5020128	10.129.137.128								
2	100	01A14 5020045	2 g711m	5557	3028820	487	30	n			
		5020145	10.129.137.145								
2	100	01A14 5020038	2 g711m	4701	3027420	265	30	n			
		5020138	10.129.137.138								
2	100	01A14 5020053	2 g711m	0925	3030420	605	30	n			
		5020153	10.129.137.153								
2	100	01A14 5020005	2 g711m	0713	3020820	501	30	n			
		5020105	10.129.137.105								
1	300	01A06 5020012	3 g711m	5022	3002220	400	32	n			
		5020112	10.129.137.12								
1	300	01A06 5020029	3 g711m	4634	3005620	607	30	n			
		5020129	10.129.137.29								
press CANCEL to quit -- press NEXT PAGE to continue											
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg											

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosToday
avCmMeasIpVoStatSumPkLosTodayRegion.1.300.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosTodayRegion.1.300.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosTodayRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosTodayMeasHour.1.300.1 = INTEGER: 300
avCmMeasIpVoStatSumPkLosTodayMeasHour.1.300.2 = INTEGER: 300
:
:
avCmMeasIpVoStatSumPkLosTodayMeasHour.2.100.5 = INTEGER: 100
avCmMeasIpVoStatSumPkLosTodayRunTime.1.300.1 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosTodayRunTime.1.300.2 = STRING: 2:11 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumPkLosTodayRunTime.2.100.5 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosTodayBoardLoc.1.300.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosTodayBoardLoc.1.300.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosTodayBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosTodayCallingNum.1.300.1 = STRING: 5020012
avCmMeasIpVoStatSumPkLosTodayCallingNum.1.300.2 = STRING: 5020029
:
:
avCmMeasIpVoStatSumPkLosTodayCallingNum.2.100.5 = STRING: 5020005
avCmMeasIpVoStatSumPkLosTodayCalledNum.1.300.1 = STRING: 5020112
avCmMeasIpVoStatSumPkLosTodayCalledNum.1.300.2 = STRING: 5020129
:
:
avCmMeasIpVoStatSumPkLosTodayCalledNum.2.100.5 = STRING: 5020105
avCmMeasIpVoStatSumPkLosTodayDstReg.1.300.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosTodayDstReg.1.300.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumPkLosTodayDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosTodayCodec.1.300.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosTodayCodec.1.300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosTodayCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosTodayTimeCall.1.300.1 = STRING: 5022
avCmMeasIpVoStatSumPkLosTodayTimeCall.1.300.2 = STRING: 4634
:
:
avCmMeasIpVoStatSumPkLosTodayTimeCall.2.100.5 = STRING: 0713
avCmMeasIpVoStatSumPkLosTodayUDPPort.1.300.1 = STRING: 30022
avCmMeasIpVoStatSumPkLosTodayUDPPort.1.300.2 = STRING: 30056
:
:
avCmMeasIpVoStatSumPkLosTodayUDPPort.2.100.5 = STRING: 30208
avCmMeasIpVoStatSumPkLosTodayPktSize.1.300.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosTodayPktSize.1.300.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosTodayPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.1.300.1 = INTEGER: 400
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.1.300.2 = INTEGER: 607
:
:
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.2.100.5 = INTEGER: 501
avCmMeasIpVoStatSumPkLosTodayPktLossPerc.1.300.1 = STRING: 32

```

```

avCmMeasIpVoStatSumPkLosTodayPktLossPerc.1.300.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosTodayPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosTodaySilSup.1.300.1 = STRING: n
avCmMeasIpVoStatSumPkLosTodaySilSup.1.300.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosTodaySilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosTodayFEAddr.1.300.1 = STRING: 10.129.137.12
avCmMeasIpVoStatSumPkLosTodayFEAddr.1.300.2 = STRING: 10.129.137.29
:
:
avCmMeasIpVoStatSumPkLosTodayFEAddr.2.100.5 = STRING: 10.129.137.105

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumPkLosYest

MIB group name	OID	Type
avCmMeasIpVoStatSumPkLosYest	enterprises.6889.2.73.8.1.73	Table

Description

The avCmMeasIpVoStatSumPkLosYest MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

The avCmMeasIpVoStatSumPkLosYest MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumPkJosYest	SAT	<code>list measurements ip voice-stats pktloss yesterday</code>	IP VOICE STATISTICS SUMMARY PKTLOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkJosYestTable	..1	n/a	SEQUENCE OF AvCmMeasIpVoStatSumPkJosYestEntry	n/a	An object containing the avCmMeasIpVoStatSumPkJosYest entries.
avCmMeasIpVoStatSumPkJosYestEntry	..1.1	n/a	AvCmMeasIpVoStatSumPkJosYestEntry	n/a	An object containing the avCmMeasIpVoStatSumPkJosYest entry with the information that the switch sent.
avCmMeasIpVoStatSumPkJosYestRegIdx	..1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumPkJosYestHourIdx	..1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the PktLoss voice statistics.
avCmMeasIpVoStatSumPkJosYestIdx	..1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the pktloss voice statistics.
avCmMeasIpVoStatSumPkJosYestRegion	..1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestMeasHour	..1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestRunTime	..1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestBoardLoc	..1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestCallingNum	..1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestCalledNum	..1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestDstReg	..1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestCodec	..1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestTimeCall	..1.1.12	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.
avCmMeasIpVoStatSumPktLosYestUDPPort	..1.1.13		SnmpAdminString (SIZE (0..6))	UDP Port	An object containing the port used by the media processor for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosYestPktSize	..1.1.14	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosYestTotnumLosPkts	..1.1.15	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosYestPktLossPerc	..1.1.16		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The packet loss is measured at 10-second intervals.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosYestSilSup	..1.1.17	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosYestFEAddr	..1.1.18	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Sample output of forms

list measurements ip voice-stats summary pktloss yesterday										Page 1
Switch Name:					Date: 2:16 am MON JUN 1, 2015					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT										
Src Meas	Board	Calling Number/	Dst	Time	Pkt	Total	Packet			
Reg Hour	Loc	Called#/FEAddr	Reg Codec	Call Port	Size (ms)	#lost Pkts	Loss %	Sil	Sup	
2	100	01A14 5020028	2 g711m	3737	3025420	1237	33	n		
		5020128	10.129.137.128							
2	100	01A14 5020045	2 g711m	5557	3028820	487	30	n		
		5020145	10.129.137.145							
2	100	01A14 5020038	2 g711m	4701	3027420	265	30	n		
		5020138	10.129.137.138							
2	100	01A14 5020053	2 g711m	0925	3030420	605	30	n		
		5020153	10.129.137.153							
2	100	01A14 5020005	2 g711m	0713	3020820	501	30	n		
		5020105	10.129.137.105							
1	300	01A06 5020012	3 g711m	5022	3002220	400	32	n		
		5020112	10.129.137.12							
1	300	01A06 5020029	3 g711m	4634	3005620	607	30	n		
		5020129	10.129.137.29							
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosYest
avCmMeasIpVoStatSumPkLosYestRegion.1.300.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosYestRegion.1.300.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosYestRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosYestMeasHour.1.300.1 = INTEGER: 300
avCmMeasIpVoStatSumPkLosYestMeasHour.1.300.2 = INTEGER: 300
:
:
avCmMeasIpVoStatSumPkLosYestMeasHour.2.100.5 = INTEGER: 100
avCmMeasIpVoStatSumPkLosYestRunTime.1.300.1 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosYestRunTime.1.300.2 = STRING: 2:11 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumPkLosYestRunTime.2.100.5 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosYestBoardLoc.1.300.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosYestBoardLoc.1.300.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosYestBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosYestCallingNum.1.300.1 = STRING: 5020012
avCmMeasIpVoStatSumPkLosYestCallingNum.1.300.2 = STRING: 5020029
:
:
avCmMeasIpVoStatSumPkLosYestCallingNum.2.100.5 = STRING: 5020005
avCmMeasIpVoStatSumPkLosYestCalledNum.1.300.1 = STRING: 5020112
avCmMeasIpVoStatSumPkLosYestCalledNum.1.300.2 = STRING: 5020129
:
:
avCmMeasIpVoStatSumPkLosYestCalledNum.2.100.5 = STRING: 5020105
avCmMeasIpVoStatSumPkLosYestDstReg.1.300.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosYestDstReg.1.300.2 = INTEGER: 3
:
:
```

```

avCmMeasIpVoStatSumPkLosYestDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosYestCodec.1.300.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosYestCodec.1.300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosYestCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosYestTimeCall.1.300.1 = STRING: 5022
avCmMeasIpVoStatSumPkLosYestTimeCall.1.300.2 = STRING: 4634
:
:
avCmMeasIpVoStatSumPkLosYestTimeCall.2.100.5 = STRING: 0713
avCmMeasIpVoStatSumPkLosYestUDPPort.1.300.1 = STRING: 30022
avCmMeasIpVoStatSumPkLosYestUDPPort.1.300.2 = STRING: 30056
:
:
avCmMeasIpVoStatSumPkLosYestUDPPort.2.100.5 = STRING: 30208
avCmMeasIpVoStatSumPkLosYestPktSize.1.300.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosYestPktSize.1.300.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosYestPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.1.300.1 = INTEGER: 400
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.1.300.2 = INTEGER: 607
:
:
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.2.100.5 = INTEGER: 501
avCmMeasIpVoStatSumPkLosYestPktLossPerc.1.300.1 = STRING: 32
avCmMeasIpVoStatSumPkLosYestPktLossPerc.1.300.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosYestPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosYestSilSup.1.300.1 = STRING: n
avCmMeasIpVoStatSumPkLosYestSilSup.1.300.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosYestSilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosYestFEAddr.1.300.1 = STRING: 10.129.137.12
avCmMeasIpVoStatSumPkLosYestFEAddr.1.300.2 = STRING: 10.129.137.29
:
:
avCmMeasIpVoStatSumPkLosYestFEAddr.2.100.5 = STRING: 10.129.137.105

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumRtdelLstHr

MIB group name	OID	Type
avCmMeasIpVoStatSumRtdelLstHr	enterprises.6889.2.73.8.1.74	Table

Description

The avCmMeasIpVoStatSumRtdelLstHr MIB group displays the packet delay recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumRtdelLstHr	SAT	list measurements ip voice-stats rtdelay last-hour	IP VOICE STATISTICS SUMMARY RTDELAY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelLstHrTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStat SumRtdelLstHrEntry	n/a	An object containing the avCmMeasIpVoStat SumRtdelLstHr entries.
avCmMeasIpVoStatSumRtdelLstHrEntry	.1.1	n/a	avCmMeasIpVoStat SumRtdelLstHrEntry	n/a	An object containing the avCmMeasIpVoStat SumRtdelLstHr entry with the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information that the switch sent.
avCmMeasIpVoStatSumRtdelLstHrRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumRtdelLstHrHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumRtdelLstHrHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumRtdelLstHrRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelLstHrCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDstReg	.1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDstReg	.1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrCodec	.1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrAvg	.1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrPeak	.1.1.14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the peak two-way packet delay during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrTimeCall	.1.1.15	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format..
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDataCallr	.1.1.16	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrEncryp	.1.1.17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrEC	.1.1.18	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrFEAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Sample output of forms

list measurements ip voice-stats summary rtdelay last-hour											Page 1	
Switch Name:					Date: 9:16 am FRI MAY 29, 2015							
IP VOICE STATISTICS SUMMARY RTDELAY REPORT												
Src	Meas	Board	Calling Number/	Pkt	RT-Delay	Time						
Reg	Hour	Loc	Called#/FE-Addr	Size Dst	Avg Peak	of Data	Call	Call	Encr	EC		
2	800	01A14	5020065	20 2 g711m	424 568	5922	n	n	n			
			5020165	10.129.137.165								
2	800	01A14	5020053	20 2 g711m	365 563	5742	n	n	n			
			5020153	10.129.137.153								
2	800	01A14	5020041	20 2 g711m	312 545	5722	n	n	n			
			5020141	10.129.137.141								
2	800	01A14	5020004	20 2 g711m	290 544	5452	n	n	n			
			5020104	10.129.137.104								
2	800	01A14	5020006	20 2 g711m	352 518	4442	n	n	n			
			5020106	10.129.137.106								
1	800	01A06	5020060	20 3 g711m	343 520	5038	n	n	n			
			5020160	10.129.137.60								
1	800	01A06	5020083	20 3 g711m	333 456	4852	n	n	n			
			5020183	10.129.137.83								
press CANCEL to quit -- press NEXT PAGE to continue												
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg												

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelLstHr
avCmMeasIpVoStatSumRtdelLstHrRegion.1.800.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelLstHrRegion.1.800.2 = INTEGER: 1
:
```



```

:
avCmMeasIpVoStatSumRtdelLstHrRegion.4.800.5 = INTEGER: 4
avCmMeasIpVoStatSumRtdelLstHrMeasHour.1.800.1 = INTEGER: 800
avCmMeasIpVoStatSumRtdelLstHrMeasHour.1.800.2 = INTEGER: 800
:
:
avCmMeasIpVoStatSumRtdelLstHrMeasHour.4.800.5 = INTEGER: 800
avCmMeasIpVoStatSumRtdelLstHrRunTime.1.800.1 = STRING: 9:18 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrRunTime.1.800.2 = STRING: 9:18 am FRI MAY 29, 2015
:
:
MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrRunTime.4.800.5 = STRING: 9:18 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.1.800.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.1.800.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.4.800.5 = STRING: 01A04
avCmMeasIpVoStatSumRtdelLstHrCallingNum.1.800.1 = STRING: 5020060
avCmMeasIpVoStatSumRtdelLstHrCallingNum.1.800.2 = STRING: 5020083
:
:
avCmMeasIpVoStatSumRtdelLstHrCallingNum.4.800.5 = STRING: 5020100
avCmMeasIpVoStatSumRtdelLstHrCalledNum.1.800.1 = STRING: 5020160
avCmMeasIpVoStatSumRtdelLstHrCalledNum.1.800.2 = STRING: 5020183
:
:
avCmMeasIpVoStatSumRtdelLstHrCalledNum.4.800.5 = STRING: 5020200
avCmMeasIpVoStatSumRtdelLstHrPktSize.1.800.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelLstHrPktSize.1.800.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumRtdelLstHrPktSize.4.800.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelLstHrDstReg.1.800.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelLstHrDstReg.1.800.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumRtdelLstHrDstReg.4.800.5 = INTEGER: 4
avCmMeasIpVoStatSumRtdelLstHrCodec.1.800.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelLstHrCodec.1.800.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumRtdelLstHrCodec.4.800.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelLstHrAvg.1.800.1 = INTEGER: 343
avCmMeasIpVoStatSumRtdelLstHrAvg.1.800.2 = INTEGER: 333
:
:
avCmMeasIpVoStatSumRtdelLstHrAvg.4.800.5 = INTEGER: 117
avCmMeasIpVoStatSumRtdelLstHrPeak.1.800.1 = INTEGER: 520
avCmMeasIpVoStatSumRtdelLstHrPeak.1.800.2 = INTEGER: 456
:
:
avCmMeasIpVoStatSumRtdelLstHrPeak.4.800.5 = INTEGER: 277
avCmMeasIpVoStatSumRtdelLstHrTimeCall.1.800.1 = STRING: 5038
avCmMeasIpVoStatSumRtdelLstHrTimeCall.1.800.2 = STRING: 4852
:
:
avCmMeasIpVoStatSumRtdelLstHrTimeCall.4.800.5 = STRING: 4456
avCmMeasIpVoStatSumRtdelLstHrDataCall.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrDataCall.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrDataCall.4.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.1.800.2 = STRING: n

```

```

:
:
avCmMeasIpVoStatSumRtdelLstHrEncryp.2.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.3.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.3.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrEncryp.4.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEC.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEC.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrEC.4.800.5 = STRING: y
avCmMeasIpVoStatSumRtdelLstHrFEAddr.1.800.1 = STRING: 10.129.137.60
avCmMeasIpVoStatSumRtdelLstHrFEAddr.1.800.2 = STRING: 10.129.137.83
:
:
avCmMeasIpVoStatSumRtdelLstHrFEAddr.4.800.5 = STRING: 10.129.137.100
vit@server1>

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumRtdelToday

MIB group name	OID	Type
avCmMeasIpVoStatSumRtdelToday	enterprises.6889.2.73.8.1.75	Table

Description

The avCmMeasIpVoStatSumRtdelToday MIB group displays the packet delay recorded during calls in the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumRtdelToday	SAT	list measurements ip voice-stats rtdelay last-hour	IP VOICE STATISTICS SUMMARY RTDELAY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelTodayTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStat SumRtdelTodayEntry	n/a	An object containing the avCmMeasIpVoStat SumRtdelToday entries.
avCmMeasIpVoStatSumRtdelTodayEntry	.1.1	n/a	avCmMeasIpVoStat SumRtdelTodayEntry	n/a	An object containing the avCmMeasIpVoStat SumRtdelToday entry with the information that the switch sent.
avCmMeasIpVoStatSumRtdelTodayRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumRtdelTodayHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumRtdelTodayHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelTodayRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDstReg	.1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDstReg	.1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCodec	.1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayAvg	.1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayPeak	.1.1.14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the peak two-way packet delay during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayTimeCall	.1.1.15	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format..
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDataCallr	.1.1.16	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayEncryp	.1.1.17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayEC	.1.1.18	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelTodayFEAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Sample output of forms

```
list measurements ip voice-stats summary rtdelay today
```

Switch Name:										Date: 8:45 am FRI MAY 29, 2015			
IP VOICE STATISTICS SUMMARY RTDELAY REPORT													
Src	Meas	Board	Calling	Number/	Pkt	Dst	RT-Delay	Time					
Reg	Hour	Loc	Called#	FE-Addr	Size	Reg	Codec	Avg	Peak	of	Data		
					(ms)			(ms)	(ms)	Call	Call	Encr	EC
1	100	01A06	5021678		20	3	g711m	1	2	4027	n	n	n
			5022682		10.216.0.252								
1	100	01A06	5021618		20	3	g711m	0	1	4035	n	n	n
			5022210		10.216.0.251								
1	100	01A06	5021678		20	3	g711m	1	1	4023	n	n	n
			5022682		10.216.0.252								
1	100	01A06	5021106		20	3	g711m	0	1	4015	n	n	n
			5022097		10.216.0.251								
1	100	01A06	5021181		20	3	g711m	0	1	3955	n	n	n
			5022777		10.216.0.251								
3	300	01A03	5021915		20	3	g711m	5	5	4252	n	n	y
			5022223		10.216.0.251								

```
Command successfully completed
Command: █
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelToday
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.2 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.3 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.4 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.5 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.3.300.1 = INTEGER: 300
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.1 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.2 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.3 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.4 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.5 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.3.300.1 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.2 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.3 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.4 = STRING: 01A06
```

```

avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.5 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.3.300.1 = STRING: 01A03
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.1 = STRING: 5021678
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.2 = STRING: 5021618
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.3 = STRING: 5021678
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.4 = STRING: 5021106
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.5 = STRING: 5021181
avCmMeasIpVoStatSumRtdelTodayCallingNum.3.300.1 = STRING: 5021915
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.1 = STRING: 5022682
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.2 = STRING: 5022210
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.3 = STRING: 5022682
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.4 = STRING: 5022097
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.5 = STRING: 5022777
avCmMeasIpVoStatSumRtdelTodayCalledNum.3.300.1 = STRING: 5022223
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.2 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.3 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.4 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.3.300.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.2 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.3 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.4 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.2 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.3 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.4 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.3.300.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.2 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.4 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.5 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.3.300.1 = INTEGER: 5
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.1 = INTEGER: 2
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.3.300.1 = INTEGER: 5
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.1 = STRING: 4027
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.2 = STRING: 4035
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.3 = STRING: 4023
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.4 = STRING: 4015
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.5 = STRING: 3955
avCmMeasIpVoStatSumRtdelTodayTimeCall.3.300.1 = STRING: 4252
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.3 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.3.300.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.3 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.3.300.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.3 = STRING: n

```

```

avCmMeasIpVoStatSumRtdelTodayEC.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.3.300.1 = STRING: y
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.1 = STRING: 10.216.0.252
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.2 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.3 = STRING: 10.216.0.252
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.4 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.5 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.3.300.1 = STRING: 10.216.0.251

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumRtdelYest

MIB group name	OID	Type
avCmMeasIpVoStatSumRtdelYest	enterprises.6889.2.73.8.1.76	Table

Description

The avCmMeasIpVoStatSumRtdelYest MIB group displays the packet delay recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumRtdelYest	SAT	<code>list measurements ip voice-stats rtdelay last-hour</code>	IP VOICE STATISTICS SUMMARY RTDELAY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelYestTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumRtdelYestEntry	n/a	An object containing the avCmMeasIpVoStatSumRtdelYest entries.
avCmMeasIpVoStatSumRtdelYestEntry	.1.1	n/a	avCmMeasIpVoStatSumRtdelYestEntry	n/a	An object containing the avCmMeasIpVoStatSumRtdelYest entry with the information that the switch sent.
avCmMeasIpVoStatSumRtdelYestRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumRtdelYestHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumRtdelYestHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumRtdelYestRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelYestRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestDstReg	.1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestDstReg	.1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCodec	.1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestAvg	.1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelYestPeak	.1.1.14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the peak two-way packet delay during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestTimeCall	.1.1.15	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format..
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestDataCallr	.1.1.16	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestEncryp	.1.1.17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestEC	.1.1.18	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestFEAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Sample output of forms

list measurements ip voice-stats summary rtdelay yesterday												Page 1
Switch Name:				Date: 2:39 am MON JUN 1, 2015								
IP VOICE STATISTICS SUMMARY RTDELAY REPORT												
Src	Meas	Board	Calling Number/	Pkt	Dst	Avg	Peak	Time	Data			
Reg	Hour	Loc	Called#/FE-Addr	Size (ms)	Reg Codec	(ms)	(ms)	of Call	Call	Encr	EC	
2	500	01A14	5020033	20	2 g711m	496	675	5429	n	n	n	
			5020133	10.129.137.133								
2	500	01A14	5020047	20	2 g711m	354	599	1513	n	n	n	
			5020147	10.129.137.147								
2	500	01A14	5020067	20	2 g711m	315	593	5109	n	n	n	
			5020167	10.129.137.167								
2	500	01A14	5020053	20	2 g711m	390	591	2219	n	n	n	
			5020153	10.129.137.153								
2	500	01A14	5020010	20	2 g711m	309	570	2159	n	n	n	
			5020110	10.129.137.110								
1	800	01A06	5020005	20	3 g711m	458	705	1728	n	n	n	
			5020105	10.129.137.5								
1	800	01A06	5020013	20	3 g711m	304	531	4224	n	n	n	
			5020113	10.129.137.13								
press CANCEL to quit -- press NEXT PAGE to continue												
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg												

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelYest
avCmMeasIpVoStatSumRtdelYestRegion.1.800.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelYestRegion.1.800.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumRtdelYestRegion.3.500.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestMeasHour.1.800.1 = INTEGER: 800
avCmMeasIpVoStatSumRtdelYestMeasHour.1.800.2 = INTEGER: 800
:
:
avCmMeasIpVoStatSumRtdelYestMeasHour.3.500.5 = INTEGER: 500
avCmMeasIpVoStatSumRtdelYestRunTime.1.800.1 = STRING: 2:36 am MON JUN 1, 2015
avCmMeasIpVoStatSumRtdelYestRunTime.1.800.2 = STRING: 2:36 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumRtdelYestRunTime.3.500.5 = STRING: 2:36 am MON JUN 1, 2015
avCmMeasIpVoStatSumRtdelYestBoardLoc.1.800.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelYestBoardLoc.1.800.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumRtdelYestBoardLoc.3.500.5 = STRING: 01A03
avCmMeasIpVoStatSumRtdelYestCallingNum.1.800.1 = STRING: 5020005
avCmMeasIpVoStatSumRtdelYestCallingNum.1.800.2 = STRING: 5020013
:
:
avCmMeasIpVoStatSumRtdelYestCallingNum.3.500.5 = STRING: 5020049
avCmMeasIpVoStatSumRtdelYestCalledNum.1.800.1 = STRING: 5020105
avCmMeasIpVoStatSumRtdelYestCalledNum.1.800.2 = STRING: 5020113
:
:
avCmMeasIpVoStatSumRtdelYestCalledNum.3.500.5 = STRING: 5020149
avCmMeasIpVoStatSumRtdelYestPktSize.1.800.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelYestPktSize.1.800.2 = INTEGER: 20
:
:
```

```

avCmMeasIpVoStatSumRtdelYestPktSize.3.500.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelYestDstReg.1.800.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestDstReg.1.800.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumRtdelYestDstReg.3.500.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestCodec.1.800.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelYestCodec.1.800.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumRtdelYestCodec.3.500.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelYestAvg.1.800.1 = INTEGER: 458
avCmMeasIpVoStatSumRtdelYestAvg.1.800.2 = INTEGER: 304
:
:
avCmMeasIpVoStatSumRtdelYestAvg.3.500.5 = INTEGER: 221
avCmMeasIpVoStatSumRtdelYestPeak.1.800.1 = INTEGER: 705
avCmMeasIpVoStatSumRtdelYestPeak.1.800.2 = INTEGER: 531
:
:
avCmMeasIpVoStatSumRtdelYestPeak.3.500.5 = INTEGER: 419
avCmMeasIpVoStatSumRtdelYestTimeCall.1.800.1 = STRING: 1728
avCmMeasIpVoStatSumRtdelYestTimeCall.1.800.2 = STRING: 4224
:
:
avCmMeasIpVoStatSumRtdelYestTimeCall.3.500.5 = STRING: 0620
avCmMeasIpVoStatSumRtdelYestDataCall.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestDataCall.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestDataCall.3.500.5 = STRING: n
avCmMeasIpVoStatSumRtdelYestEncryp.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestEncryp.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestEncryp.3.500.5 = STRING: n
avCmMeasIpVoStatSumRtdelYestEC.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestEC.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestEC.3.500.5 = STRING: y
avCmMeasIpVoStatSumRtdelYestFEAddr.1.800.1 = STRING: 10.129.137.5
avCmMeasIpVoStatSumRtdelYestFEAddr.1.800.2 = STRING: 10.129.137.13
:
:
avCmMeasIpVoStatSumRtdelYestFEAddr.3.500.5 = STRING: 10.129.137.49

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumDataLstHr

MIB group name	OID	Type
avCmMeasIpVoStatSumLstHr	enterprises.6889.2.73.8.1.77	Table

Description

The avCmMeasIpVoStatSumRtdelLstHr MIB group displays the packet delay recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form..

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumDataLstHr	SAT	list measurements ip voice-stats summary data yesterday	IP VOICE STATISTICS SUMMARY DATA REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataLstHrTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumDataLstHrEntry	n/a	An object containing the avCmMeasIpVoStatSumDataLstHr entries.
avCmMeasIpVoStatSumDataLstHrEntry	.1.1	n/a	avCmMeasIpVoStatSumDataLstHrEntry	n/a	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					avCmMeasIpVoStatSumDataLstHr entry with the information that the switch sent.
avCmMeasIpVoStatSumDataLstHrRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumDataLstHrHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataLstHrHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataLstHrRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrDstReg	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrCodec	.1.1.11	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrDataType	.1.1.12	R	SnmpAdminString (SIZE (0..7))	Data Type	An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay)
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrPktSize	.1.1.13	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstLossPerc	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Loss %	An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataLstHrPeakJitter	.1.1.15	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrPeakDly	.1.1.16	R	SnmpAdminString (SIZE (0..9999))	Dly	An object containing the peak two-way packet delay during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrEC	.1.1.17	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrFEAddr	.1.1.18	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Sample output of forms

list measurements ip voice-stats summary data today										Page 1
Switch Name:					Date: 3:38 pm MON JUL 13, 2015					
IP VOICE STATISTICS SUMMARY DATA REPORT										
Src Meas	Board	Calling Number/	Dst	Data	Packet	Peak				
Reg Hour	Loc	Called#/FE IPAdr	Reg Codec	Type	Size (ms)	Loss %	Jit (ms)	Dly	EC	
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.247							
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.247							
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.247							
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.247							
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.247							
12	1400	07A03 4010	3 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.205							
12	1400	07A03 4010	3 g711m	mod-pt	10	0	0	1	n	
		4042	135.9.78.205							
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumDataLstHr
```

```

avCmMeasIpVoStatSumDataLstHrRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatSumDataLstHrRegion.3.1400.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumDataLstHrRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatSumDataLstHrMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatSumDataLstHrMeasHour.3.1400.2 = INTEGER: 1400
:
:
avCmMeasIpVoStatSumDataLstHrMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatSumDataLstHrRunTime.3.1400.1 = STRING: 3:25 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataLstHrRunTime.3.1400.2 = STRING: 3:25 pm MON JUL 13, 2015
:
:
avCmMeasIpVoStatSumDataLstHrRunTime.12.1400.5 = STRING: 3:25 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataLstHrBoardLoc.3.1400.1 = STRING: 01A05
avCmMeasIpVoStatSumDataLstHrBoardLoc.3.1400.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataLstHrBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatSumDataLstHrCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatSumDataLstHrCallingNum.3.1400.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataLstHrCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatSumDataLstHrCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatSumDataLstHrCalledNum.3.1400.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataLstHrCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatSumDataLstHrDstReg.3.1400.1 = INTEGER: 12
avCmMeasIpVoStatSumDataLstHrDstReg.3.1400.2 = INTEGER: 12
:
:
avCmMeasIpVoStatSumDataLstHrDstReg.12.1400.5 = INTEGER: 3
avCmMeasIpVoStatSumDataLstHrCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatSumDataLstHrCodec.3.1400.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataLstHrCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatSumDataLstHrDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataLstHrDataType.3.1400.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataLstHrDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataLstHrPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatSumDataLstHrPktSize.3.1400.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataLstHrPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatSumDataLstHrLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatSumDataLstHrLossPerc.3.1400.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataLstHrLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatSumDataLstHrPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatSumDataLstHrPeakJitter.3.1400.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataLstHrPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatSumDataLstHrPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatSumDataLstHrPeakDly.3.1400.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumDataLstHrPeakDly.12.1400.5 = INTEGER: 1

```

```

avCmMeasIpVoStatSumDataLstHrEC.3.1400.1 = STRING: n
avCmMeasIpVoStatSumDataLstHrEC.3.1400.2 = STRING: n
:
:
avCmMeasIpVoStatSumDataLstHrEC.12.1400.5 = STRING: n
avCmMeasIpVoStatSumDataLstHrFEAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataLstHrFEAddr.3.1400.2 = STRING: 135.9.78.247
:
:
avCmMeasIpVoStatSumDataLstHrFEAddr.12.1400.5 = STRING: 135.9.78.205

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumDataToday

MIB group name	OID	Type
avCmMeasIpVoStatSumDataYest	enterprises.6889.2.73.8.1.78	Table

Description

The avCmMeasIpVoStatSumDataToday MIB group displays the data of the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumDataToday	SAT	list measurements ip voice-stats summary data yesterday	IP VOICE STATISTICS SUMMARY DATA REPORT.

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataTodayTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumDataTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumDataToday entries.
avCmMeasIpVoStatSumDataTodayEntry	.1.1	n/a	avCmMeasIpVoStatSumDataTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumDataToday entry with the information that the switch sent..
avCmMeasIpVoStatSumDataTodayRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumDataTodayHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataTodayHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataTodayRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayDstReg	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCodec	.1.1.11	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayDataType	.1.1.12	R	SnmpAdminString (SIZE (0..7))	Data Type	An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through),

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY DATA REPORT					tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay)
avCmMeasIpVoStatSumDataTodayPktSize	.1.1.13	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstLossPerc	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Loss %	An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayPeakJitter	.1.1.15	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayPeakDly	.1.1.16	R	SnmpAdminString (SIZE (0..9999))	Dly	An object containing the peak two-way packet delay during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayEC	.1.1.17	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayFEAddr	.1.1.18	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Sample output of forms

list measurements ip voice-stats summary data today											Page 1
Switch Name:					Date: 3:38 pm MON JUL 13, 2015						
IP VOICE STATISTICS SUMMARY					DATA REPORT						
Src Meas	Board	Calling Number/	Dst	Data	Packet	Peak					
Reg Hour	Loc	Called#/FE IPAdr	Reg Codec	Type	Size (ms)	Loss %	Jit (ms)	Dly	EC		
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.247								
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.247								
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.247								
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.247								
3	1400	01A05 4010	12 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.247								
12	1400	07A03 4010	3 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.205								
12	1400	07A03 4010	3 g711m	mod-pt	10	0	0	1	n		
		4042	135.9.78.205								
press CANCEL to quit -- press NEXT PAGE to continue											
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg											

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumDataToday
avCmMeasIpVoStatSumDataTodayRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatSumDataTodayRegion.3.1400.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumDataTodayRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatSumDataTodayMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatSumDataTodayMeasHour.3.1400.2 = INTEGER: 1400
:
:
avCmMeasIpVoStatSumDataTodayMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatSumDataTodayRunTime.3.1400.1 = STRING: 3:40 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataTodayRunTime.3.1400.2 = STRING: 3:40 pm MON JUL 13, 2015
:
:
avCmMeasIpVoStatSumDataTodayRunTime.12.1400.5 = STRING: 3:40 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataTodayBoardLoc.3.1400.1 = STRING: 01A05
410
avCmMeasIpVoStatSumDataTodayBoardLoc.3.1400.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataTodayBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatSumDataTodayCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatSumDataTodayCallingNum.3.1400.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataTodayCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatSumDataTodayCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatSumDataTodayCalledNum.3.1400.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataTodayCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatSumDataTodayDstReg.3.1400.1 = INTEGER: 12
avCmMeasIpVoStatSumDataTodayDstReg.3.1400.2 = INTEGER: 12
:
```

```

:
avCmMeasIpVoStatSumDataTodayDstReg.12.1400.5 = INTEGER: 3
avCmMeasIpVoStatSumDataTodayCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatSumDataTodayCodec.3.1400.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataTodayCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatSumDataTodayDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataTodayDataType.3.1400.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataTodayDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataTodayPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatSumDataTodayPktSize.3.1400.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataTodayPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatSumDataTodayLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatSumDataTodayLossPerc.3.1400.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataTodayLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatSumDataTodayPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatSumDataTodayPeakJitter.3.1400.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataTodayPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatSumDataTodayPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatSumDataTodayPeakDly.3.1400.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumDataTodayPeakDly.12.1400.5 = INTEGER: 1
avCmMeasIpVoStatSumDataTodayEC.3.1400.1 = STRING: n
avCmMeasIpVoStatSumDataTodayEC.3.1400.2 = STRING: n
:
411
:
avCmMeasIpVoStatSumDataTodayEC.12.1400.5 = STRING: n
avCmMeasIpVoStatSumDataTodayFEAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataTodayFEAddr.3.1400.2 = STRING: 135.9.78.247
:
:
avCmMeasIpVoStatSumDataTodayFEAddr.12.1400.5 = STRING: 135.9.78.205

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasIpVoStatSumDataYest

MIB group name	OID	Type
avCmMeasIpVoStatSumDataYest	enterprises.6889.2.73.8.1.79	Table

Description

The avCmMeasIpVoStatSumDataYest MIB group displays the data of the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasIpVoStatSumDataYest	SAT	list measurements ip voice-stats summary data yesterday	IP VOICE STATISTICS SUMMARY DATA REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed. The default super user can run this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataYestTable	.1	n/a	SEQUENCE OF AvCmMeasIpVoStatSumDataYestEntry	n/a	An object containing the avCmMeasIpVoStatSumDataYest entries.
avCmMeasIpVoStatSumDataYestEntry	.1.1	n/a	AvCmMeasIpVoStatSumDataYestEntry	n/a	An object containing the avCmMeasIpVoStatSumDataYest entry with the information

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					that the switch sent..
avCmMeasIpVoStatSumDataYestRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumDataYestHourIdx	.1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataYestHourIdx	.1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the packet loss voice statistics in the 24-hour format.
avCmMeasIpVoStatSumDataYestRegion	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number\	An object containing the calling number.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestDstReg	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestCodec	.1.1.11	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestDataType	.1.1.12	R	SnmpAdminString (SIZE (0..7))	Data Type	An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay)
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestPktSize	.1.1.13	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstLossPerc	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Loss %	An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestPeakJitter	.1.1.15	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestPeakDly	.1.1.16	R	SnmpAdminString (SIZE (0..9999))	Dly	An object containing the peak two-way packet delay during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestEC	.1.1.17	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestFEAddr	.1.1.18	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Sample output of forms

list measurements ip voice-stats summary data yesterday										Page 1
Switch Name:					Date: 12:21 am TUE JUL 14, 2015					
IP VOICE STATISTICS SUMMARY DATA REPORT										
Src Meas Reg	Board Hour	Loc	Calling Number/ Called#	Dst FE IPAdr	Data Reg Codec	Type	Packet Size (ms)	Loss %	Peak Jit (ms)	Dly EC
3	2300	01A05	4010	12	g711m	mod-pt	10	0	0	2 n
			4042	135.9.78.247						
3	2300	01A05	4010	12	g711m	mod-pt	10	0	0	2 n
			4042	135.9.78.247						
3	2300	01A05	4010	12	g711m	mod-pt	10	0	0	1 n
			4042	135.9.78.247						
3	2300	01A05	4010	12	g711m	mod-pt	10	0	0	1 n
			4042	135.9.78.247						
3	2300	01A05	4010	12	g711m	mod-pt	10	0	0	1 n
			4042	135.9.78.247						
12	2300	07A03	4010	3	g711m	mod-pt	10	0	0	2 n
			4042	135.9.78.205						
12	2300	07A03	4010	3	g711m	mod-pt	10	0	0	2 n
			4042	135.9.78.205						
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumDataYest
avCmMeasIpVoStatSumDataYestRegion.3.2300.1 = INTEGER: 3
avCmMeasIpVoStatSumDataYestRegion.3.2300.2 = INTEGER: 3
:
```

```

avCmMeasIpVoStatSumDataYestRegion.12.2300.5 = INTEGER: 12
avCmMeasIpVoStatSumDataYestMeasHour.3.2300.1 = INTEGER: 2300
avCmMeasIpVoStatSumDataYestMeasHour.3.2300.2 = INTEGER: 2300
:
:
avCmMeasIpVoStatSumDataYestMeasHour.12.2300.5 = INTEGER: 2300
avCmMeasIpVoStatSumDataYestRunTime.3.2300.1 = STRING: 12:19 am TUE JUL 14, 2015
avCmMeasIpVoStatSumDataYestRunTime.3.2300.2 = STRING: 12:19 am TUE JUL 14, 2015
:
:
avCmMeasIpVoStatSumDataYestRunTime.12.2300.5 = STRING: 12:19 am TUE JUL 14, 2015
avCmMeasIpVoStatSumDataYestBoardLoc.3.2300.1 = STRING: 01A05
avCmMeasIpVoStatSumDataYestBoardLoc.3.2300.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataYestBoardLoc.12.2300.5 = STRING: 07A03
avCmMeasIpVoStatSumDataYestCallingNum.3.2300.1 = STRING: 4010
avCmMeasIpVoStatSumDataYestCallingNum.3.2300.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataYestCallingNum.12.2300.5 = STRING: 4010
avCmMeasIpVoStatSumDataYestCalledNum.3.2300.1 = STRING: 4042
avCmMeasIpVoStatSumDataYestCalledNum.3.2300.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataYestCalledNum.12.2300.5 = STRING: 4042
avCmMeasIpVoStatSumDataYestDstReg.3.2300.1 = INTEGER: 12
avCmMeasIpVoStatSumDataYestDstReg.3.2300.2 = INTEGER: 12
:
:
avCmMeasIpVoStatSumDataYestDstReg.12.2300.5 = INTEGER: 3
avCmMeasIpVoStatSumDataYestCodec.3.2300.1 = STRING: g711m
avCmMeasIpVoStatSumDataYestCodec.3.2300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataYestCodec.12.2300.5 = STRING: g711m
avCmMeasIpVoStatSumDataYestDataType.3.2300.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataYestDataType.3.2300.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataYestDataType.12.2300.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataYestPktSize.3.2300.1 = INTEGER: 10
avCmMeasIpVoStatSumDataYestPktSize.3.2300.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataYestPktSize.12.2300.5 = INTEGER: 10
avCmMeasIpVoStatSumDataYestLossPerc.3.2300.1 = STRING: 0
avCmMeasIpVoStatSumDataYestLossPerc.3.2300.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataYestLossPerc.12.2300.5 = STRING: 0
avCmMeasIpVoStatSumDataYestPeakJitter.3.2300.1 = INTEGER: 0
avCmMeasIpVoStatSumDataYestPeakJitter.3.2300.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataYestPeakJitter.12.2300.5 = INTEGER: 0
avCmMeasIpVoStatSumDataYestPeakDly.3.2300.1 = INTEGER: 2
avCmMeasIpVoStatSumDataYestPeakDly.3.2300.2 = INTEGER: 2
:
:
avCmMeasIpVoStatSumDataYestPeakDly.12.2300.5 = INTEGER: 1
avCmMeasIpVoStatSumDataYestEC.3.2300.1 = STRING: n
avCmMeasIpVoStatSumDataYestEC.3.2300.2 = STRING: n
:
:

```

```

avCmMeasIpVoStatSumDataYestEC.12.2300.5 = STRING: n
avCmMeasIpVoStatSumDataYestFEAddr.3.2300.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataYestFEAddr.3.2300.2 = STRING: 135.9.78.247
:
:
avCmMeasIpVoStatSumDataYestFEAddr.12.2300.5 = STRING: 135.9.78.205

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnAllLstHr

MIB group name	OID	Type
avCmMeasAnnAllLstHr	enterprises.6889.2.73.8.1.80	Table

Description

The avCmMeasAnnAllLstHr MIB group displays all announcements in the previous hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. The date is updated only at the beginning of each hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnAllLstHr	SAT	list measurements announcement all last-hour	VOICE ANNOUNCEMENTS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnAllLstHr Table	.1	n/a	SEQUENCE OF avCmMeasAnnAllLstHrEntry	n/a	An object containing the avCmMeasAnnAllLstHr entries.
avCmMeasAnnAllLstHr Entry	.1.1	n/a	avCmMeasAnnAllLstHrEntry	n/a	An object containing the avCmMeasAnnAllLstHrEntry with the information that the switch sent.
avCmMeasAnnAllLstHrIdx	.1.1.1	n/a	Integer32 (0..17))	n/a	An object that uniquely identifies all data increments.
avCmMeasAnnAllLstHr Extension	.1.1.2	n/a	Integer32 (0..17))	Extension	An index containing the announcement extension.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr RunDate	.1.1.3	R	Integer32(0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr Name	.1.1.4	R	Integer32(0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MeasHou	.1.1.5	R	Integer32(0..9999))	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr PlayRequests	.1.1.6	R	Integer32(0..9999))	Play Repts	An object containing the number of play requests for the announcement.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr CallsQueued	.1.1. 7	R	Integer32 (0..9999))	Calls Que	An object containing the number of calls in queue to be assigned a port.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr ASP	.1.1. 8	R	Integer32 (0..9999))	ASP	An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the queue are not included.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr PSP	.1.1. 9	R	Integer32 (0..9999))	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr QueueDrops	1.1.1 0	R	Integer32 (0..9999))	Queue Drops	An object containing the number of calls in the queue that were disconnected. Calls abandoned by the caller and aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MportPlays	1.1.1 1	R	Integer32 (0..9999))	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MxPorts	1.1.1 2	R	Integer32(0..99))	Mx Pt	An object containing the peak numbers

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					of ports used for announcements in a specific period.
avCmMeasAnnAllLstHr MaxCallers	1.1.1 3	R	Integer32 (0..999)	Max Cls	An object containing the peak number callers simultaneously connected to a port for an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					

Sample output of forms

list measurements announcement all last-hour										Page 1
Switch Name:					Date: 2:58 pm FRI MAY 29, 2015					
VOICE ANNOUNCEMENT MEASUREMENTS										
Ext	Name (first 24 chars)	Meas Hour	Play Reqts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max Cls
88040	ann88040	1300	0	0	0	0	0	0	0	0
88041	ann88041	1300	0	0	0	0	0	0	0	0
88010	ann88010	1300	0	0	0	0	0	0	0	0
88011	ann88011	1300	0	0	0	0	0	0	0	0
88012	ann88012	1300	0	0	0	0	0	0	0	0
88013	ann88013	1300	0	0	0	0	0	0	0	0
88014	ann88014	1300	0	0	0	0	0	0	0	0
88015	ann88015	1300	0	0	0	0	0	0	0	0
88016	ann88016	1300	0	0	0	0	0	0	0	0
88017	ann88017	1300	0	0	0	0	0	0	0	0
88018	ann88018	1300	0	0	0	0	0	0	0	0
88019	ann88019	1300	0	0	0	0	0	0	0	0
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllLstHr
avCmMeasAnnAllLstHrExtension."88010" = STRING: 88010
avCmMeasAnnAllLstHrExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllLstHrExtension."88041" = STRING: 88041
avCmMeasAnnAllLstHrRunDate."88010" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllLstHrRunDate."88011" = STRING: 3:00 pm FRI MAY 29, 2015
:
:
avCmMeasAnnAllLstHrRunDate."88041" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllLstHrName."88010" = STRING: ann88010
avCmMeasAnnAllLstHrName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllLstHrName."88041" = STRING: ann88041
avCmMeasAnnAllLstHrMeasHour."88010" = INTEGER: 1400
```

```

avCmMeasAnnAllLstHrMeasHour."88011" = INTEGER: 1400
:
:
avCmMeasAnnAllLstHrMeasHour."88041" = INTEGER: 1400
avCmMeasAnnAllLstHrPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllLstHrPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllLstHrCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllLstHrCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllLstHrASP."88010" = INTEGER: 0
avCmMeasAnnAllLstHrASP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrASP."88041" = INTEGER: 0
avCmMeasAnnAllLstHrPSP."88010" = INTEGER: 0
avCmMeasAnnAllLstHrPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrPSP."88041" = INTEGER: 0
avCmMeasAnnAllLstHrQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllLstHrQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnAllToday

MIB group name	OID	Type
avCmMeasAnnAllToday	enterprises.6889.2.73.8.1.81	Table

Description

The avCmMeasAnnAllToday MIB group displays all announcements in the present day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Fault

Polling Interval

No more than once an hour. The date is updated only at the beginning of each hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnAllToday	SAT	list measurements announcement all yesterday-peak	VOICE ANNOUNCEMENTS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnAllTodayTable	.1	n/a	SEQUENCE OF avCmMeasAnnAllTodayEntry	n/a	An object containing the avCmMeasAnnAllToday entries.
avCmMeasAnnAllTodayEntry	.1.1	n/a	avCmMeasAnnAllTodayEntry	n/a	An object containing the avCmMeasAnnAllTodayentry with the information that the switch sent.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnAllTodayIdx	.1.1.1	n/a	Integer32 (0..17))	n/a	An object that uniquely identifies all data increments.
avCmMeasAnnAllTodayExtension	.1.1.2	n/a	Integer32 (0..17))	Extension	An index containing the announcement extension.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayRunDate	.1.1.3	R	Integer32(0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayName	.1.1.4	R	Integer32(0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayMeasHou	.1.1.5	R	Integer32(0..9999))	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayPlayRequests	.1.1.6	R	Integer32(0..9999))	Play Reqt	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayCallsQueued	.1.1.7	R	Integer32 (0..9999))	Calls Que	An object containing the number of calls in queue to be assigned a port.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayASP	.1.1.8	R	Integer32 (0..9999))	ASP	An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					queue are not included.
avCmMeasAnnAllTodayPSP	.1.1.9	R	Integer32 (0..9999))	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayQueueDrops	1.1.10	R	Integer32 (0..9999))	Queue Drops	An object containing the number of calls in the queue that were disconnected. Calls abandoned by the caller and aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayMportPlays	1.1.11	R	Integer32 (0..9999))	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayMxPorts	1.1.12	R	Integer32(0..99))	Mx Pt	An object containing the peak numbers of ports used for announcements in a specific period.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllTodayMaxCallers	1.1.13	R	Integer32 (0..999))	Max Cls	An object containing the peak number callers simultaneously connected to a port for an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					

Sample output of forms

list measurements announcement all today-peak										Page 1
Switch Name:				Date: 3:03 pm FRI MAY 29, 2015						
VOICE ANNOUNCEMENT MEASUREMENTS										
Ext	Name (first 24 chars)	Meas Hour	Play Repts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max Cls
88040	ann88040	1400	0	0	0	0	0	0	0	0
88041	ann88041	1400	0	0	0	0	0	0	0	0
88010	ann88010	1400	0	0	0	0	0	0	0	0
88011	ann88011	1400	0	0	0	0	0	0	0	0
88012	ann88012	1400	0	0	0	0	0	0	0	0
88013	ann88013	1400	0	0	0	0	0	0	0	0
88014	ann88014	1400	0	0	0	0	0	0	0	0
88015	ann88015	1400	0	0	0	0	0	0	0	0
88016	ann88016	1400	0	0	0	0	0	0	0	0
88017	ann88017	1400	0	0	0	0	0	0	0	0
88018	ann88018	1400	0	0	0	0	0	0	0	0
88019	ann88019	1400	0	0	0	0	0	0	0	0
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllToday
avCmMeasAnnAllTodayExtension."88010" = STRING: 88010
avCmMeasAnnAllTodayExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllTodayExtension."88041" = STRING: 88041
avCmMeasAnnAllTodayRunDate."88010" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllTodayRunDate."88011" = STRING: 3:00 pm FRI MAY 29, 2015
:
:
avCmMeasAnnAllTodayRunDate."88041" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllTodayName."88010" = STRING: ann88010
avCmMeasAnnAllTodayName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllTodayName."88041" = STRING: ann88041
avCmMeasAnnAllTodayMeasHour."88010" = INTEGER: 1400
avCmMeasAnnAllTodayMeasHour."88011" = INTEGER: 1400
:
:
avCmMeasAnnAllTodayMeasHour."88041" = INTEGER: 1400
avCmMeasAnnAllTodayPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllTodayPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllTodayCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllTodayCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllTodayASP."88010" = INTEGER: 0
avCmMeasAnnAllTodayASP."88011" = INTEGER: 0
:
:
```

```

avCmMeasAnnAllTodayASP."88041" = INTEGER: 0
avCmMeasAnnAllTodayPSP."88010" = INTEGER: 0
avCmMeasAnnAllTodayPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayPSP."88041" = INTEGER: 0
avCmMeasAnnAllTodayQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllTodayQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllTodayMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllTodayMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllTodayMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllTodayMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllTodayMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllTodayMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasAnnAllYest

MIB group name	OID	Type
avCmMeasAnnAllYest	enterprises.6889.2.73.8.1.82	Table

Description

The avCmMeasAnnAllYest MIB group displays all announcements in the previous day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Fault

Polling Interval

No more than once an hour. The date is updated only at the beginning of each day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasAnnAllYest	SAT	<code>list measurements announcement all yesterday-peak</code>	VOICE ANNOUNCEMENTS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnAllYestT able	.1	n/a	SEQUENCE OF AvCmMeasAnnAllY estEntry	n/a	An object containing the avCmMeasAnnAllY est entries.
avCmMeasAnnAllYestE ntry	.1.1	n/a	AvCmMeasAnnAllY estEntry	n/a	An object containing the avCmMeasAnnAllY est entry with the information that the switch sent.
avCmMeasAnnAllYestI dx	.1.1. 1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies all data increments.
avCmMeasAnnAllYestE xtension	.1.1. 2	n/a	SnmpAdminString (SIZE (0..17))	Extension	An index containing the announcement extension.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest RunDate	.1.1. 3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest Name	.1.1. 4	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest MeasHou	.1.1. 5	R	Integer32 (0..9999))	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestP layRequests	.1.1. 6	R	Integer32 (0..9999))	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest CallsQueued	.1.1. 7	R	Integer32 (0..9999))	Calls Que	An object containing the number of calls in queue to be assigned a port.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestA SP	.1.1. 8	R	Integer32 (0..9999))	ASP	An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the queue are not included.
VOICE ANNOUNCEMENTS MEASUREMENTS					
AvCmMeasAnnAllYest PSP	.1.1. 9	R	Integer32 (0..9999))	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest QueueDrops	1.1.1 0	R	Integer32 (0..9999))	Queue Drops	An object containing the number of calls in the queue that were disconnected. Calls abandoned

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					by the caller and aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included.
avCmMeasAnnAllYest MportPlays	1.1.1 1	R	Integer32 (0..9999))	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest MxPorts	1.1.1 2	R	Integer32 (0..99))	Mx Pt	An object containing the peak numbers of ports used for announcements in a specific period.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest MaxCallers	1.1.1 3	R	Integer32 (0..999))	Max Cls	An object containing the peak number callers simultaneously connected to a port for an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					

Sample output of forms

```
list measurements announcement all yesterday-peak                                     Page 1
```

```
Switch Name:                                                                    Date: 8:34 am  MON JUN 1, 2015
```

```
                                VOICE ANNOUNCEMENT MEASUREMENTS
```

Ext	Name (first 24 chars)	Meas Hour	Play Reqts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max Cls
88040	ann88040	2300	0	0	0	0	0	0	0	0
88041	ann88041	2300	0	0	0	0	0	0	0	0
88010	ann88010	2300	0	0	0	0	0	0	0	0
88011	ann88011	2300	0	0	0	0	0	0	0	0
88012	ann88012	2300	0	0	0	0	0	0	0	0
88013	ann88013	2300	0	0	0	0	0	0	0	0
88014	ann88014	2300	0	0	0	0	0	0	0	0
88015	ann88015	2300	0	0	0	0	0	0	0	0
88016	ann88016	2300	0	0	0	0	0	0	0	0
88017	ann88017	2300	0	0	0	0	0	0	0	0
88018	ann88018	2300	0	0	0	0	0	0	0	0
88019	ann88019	2300	0	0	0	0	0	0	0	0

```
                                press CANCEL to quit --  press NEXT PAGE to continue
```

```
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllYest
avCmMeasAnnAllYestExtension."88010" = STRING: 88010
avCmMeasAnnAllYestExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllYestExtension."88041" = STRING: 88041
avCmMeasAnnAllYestRunDate."88010" = STRING: 8:36 am MON JUN 1, 2015
avCmMeasAnnAllYestRunDate."88011" = STRING: 8:36 am MON JUN 1, 2015
:
:
avCmMeasAnnAllYestRunDate."88041" = STRING: 8:36 am MON JUN 1, 2015
avCmMeasAnnAllYestName."88010" = STRING: ann88010
avCmMeasAnnAllYestName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllYestName."88041" = STRING: ann88041
avCmMeasAnnAllYestMeasHour."88010" = INTEGER: 2300
avCmMeasAnnAllYestMeasHour."88011" = INTEGER: 2300
:
:
avCmMeasAnnAllYestMeasHour."88041" = INTEGER: 2300
avCmMeasAnnAllYestPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllYestPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllYestCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllYestCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllYestASP."88010" = INTEGER: 0
avCmMeasAnnAllYestASP."88011" = INTEGER: 0
:
:
```

```

avCmMeasAnnAllYestASP."88041" = INTEGER: 0
avCmMeasAnnAllYestPSP."88010" = INTEGER: 0
avCmMeasAnnAllYestPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestPSP."88041" = INTEGER: 0
avCmMeasAnnAllYestQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllYestQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllYestMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllYestMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllYestMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllYestMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllYestMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllYestMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMaxCallers."88041" = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmPlatCmds

MIB group name	OID	Type
avCmPlatCmds	enterprises.6889.2.73.8.1.83	Table

Description

The avCmPlatCmds MIB group displays the bash command history.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmPlatCmds	Bash	logc cmds	Command History

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmPlatCmdsTable	.1	n/a	SEQUENCE OF AvCmPlatCmdsEntry	n/a	An object containing the avCmPlatCmds entries.
avCmPlatCmdsEntry	.1.1	n/a	AvCmPlatCmdsEntry	n/a	An object containing the avCmPlatCmds entry with the information that the switch sent.
avCmPlatCmdsSeqIdx	.1.1.1	R	SnmpAdminString (SIZE (0..201))	n/a	An object that uniquely identifies all data increments.
avCmPlatCmdsDate	.1.1.2	R	SnmpAdminString (SIZE (0..99999))	Date	An object containing the date when the command was run.
Command History					
avCmPlatCmdsRunTime	.1.1.3	R	SnmpAdminString (SIZE (0..9))	Time	An object containing the time when the command was run.
Command History					
avCmPlatCmdsSeqNumber	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Sequence Number	An object containing the sequence number of the command.
Command History					
avCmPlatCmdsPriority	.1.1.5	R	SnmpAdminString (SIZE (0..99999))	Priority	An object containing the priority of the command.
Command History					
avCmPlatCmdsServerName	.1.1.6	R	SnmpAdminString (SIZE (0..26))	Server Name	An object containing the server name

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
Command History					where the command was run.
avCmPlatCmdsLoginId	.1.1.7	R	SnmpAdminString (SIZE (0..26))	Login Id	An object containing the login ID of the user who ran the command.
Command History					
avCmPlatCmdsCommand	.1.1.8	R	SnmpAdminString (SIZE (0..201))	Command	An object containing the command that was run.
Command History					

Sample output of forms

```
server1> logc cmds
20150515:024711000:1:cmds:MED:server1 logger: ramdisk -s
20150515:024713000:2:cmds:MED:server1 logger: hardware_info
20150515:024714000:3:cmds:MED:server1 logger: swversion
434
20150515:024714000:4:cmds:MED:server1 logger: fips_mode -q
20150515:024714000:5:cmds:MED:server1 logger: /opt/ecs/bin/fips_mode: FIPS mode
is disabled in the OS.
20150515:024716000:6:cmds:MED:server1 root: filesync -d
20150515:024739000:7:cmds:MED:server1 root: /opt/ecs/bin/productid
20150515:024802000:8:cmds:MED:server1 root: hostscfg -c
20150515:024810000:9:cmds:MED:server1 update_tool: update_guard:Couldn't open /o
pt/updates/update-info
20150515:024837000:10:cmds:MED:server1 root: add
20150515:024847000:11:cmds:MED:server1 craft: server_setup -s x509
20150515:024848000:12:cmds:MED:server1 craft: server_setup -s x509
20150515:024849000:13:cmds:MED:server1 craft: server_setup -s x509
20150515:024912000:14:cmds:MED:server1 -bash: HISTORY: PPID=11344 PID=11597 UID=
780 ping 135.9.1.2
```

Sample Output of SNMP Walk command:

```
vit@server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmPlatCmds
vCmPlatCmdsDate.1 = STRING: 20150515
avCmPlatCmdsDate.2 = STRING: 20150515
avCmPlatCmdsDate.3 = STRING: 20150515
avCmPlatCmdsDate.4 = STRING: 20150515
avCmPlatCmdsDate.5 = STRING: 20150515
avCmPlatCmdsDate.6 = STRING: 20150515
avCmPlatCmdsDate.7 = STRING: 20150515
avCmPlatCmdsDate.8 = STRING: 20150515
avCmPlatCmdsDate.9 = STRING: 20150515
avCmPlatCmdsDate.10 = STRING: 20150515
avCmPlatCmdsDate.11 = STRING: 20150515
avCmPlatCmdsDate.12 = STRING: 20150515
avCmPlatCmdsDate.13 = STRING: 20150515
avCmPlatCmdsDate.14 = STRING: 20150515
avCmPlatCmdsTime.1 = STRING: 024711000
avCmPlatCmdsTime.2 = STRING: 024713000
avCmPlatCmdsTime.3 = STRING: 024714000
avCmPlatCmdsTime.4 = STRING: 024714000
avCmPlatCmdsTime.5 = STRING: 024714000
avCmPlatCmdsTime.6 = STRING: 024716000
avCmPlatCmdsTime.7 = STRING: 024739000
avCmPlatCmdsTime.8 = STRING: 024802000
```

```

avCmPlatCmdsTime.9 = STRING: 024810000
avCmPlatCmdsTime.10 = STRING: 024837000
avCmPlatCmdsTime.11 = STRING: 024847000
avCmPlatCmdsTime.12 = STRING: 024848000
avCmPlatCmdsTime.13 = STRING: 024849000
avCmPlatCmdsTime.14 = STRING: 024912000
avCmPlatCmdsSeqNumber.1 = INTEGER: 1
avCmPlatCmdsSeqNumber.2 = INTEGER: 2
avCmPlatCmdsSeqNumber.3 = INTEGER: 3
avCmPlatCmdsSeqNumber.4 = INTEGER: 4
avCmPlatCmdsSeqNumber.5 = INTEGER: 5
avCmPlatCmdsSeqNumber.6 = INTEGER: 6
avCmPlatCmdsSeqNumber.7 = INTEGER: 7
avCmPlatCmdsSeqNumber.8 = INTEGER: 8
avCmPlatCmdsSeqNumber.9 = INTEGER: 9
avCmPlatCmdsSeqNumber.10 = INTEGER: 10
avCmPlatCmdsSeqNumber.11 = INTEGER: 11
avCmPlatCmdsSeqNumber.12 = INTEGER: 12
avCmPlatCmdsSeqNumber.13 = INTEGER: 13
avCmPlatCmdsSeqNumber.14 = INTEGER: 14
avCmPlatCmdsPriority.1 = STRING: MED
avCmPlatCmdsPriority.2 = STRING: MED
avCmPlatCmdsPriority.3 = STRING: MED
avCmPlatCmdsPriority.4 = STRING: MED
avCmPlatCmdsPriority.5 = STRING: MED
avCmPlatCmdsPriority.6 = STRING: MED
avCmPlatCmdsPriority.7 = STRING: MED
avCmPlatCmdsPriority.8 = STRING: MED
avCmPlatCmdsPriority.9 = STRING: MED
avCmPlatCmdsPriority.10 = STRING: MED
avCmPlatCmdsPriority.11 = STRING: MED
avCmPlatCmdsPriority.12 = STRING: MED
avCmPlatCmdsPriority.13 = STRING: MED
avCmPlatCmdsPriority.14 = STRING: MED
avCmPlatCmdsServerName.1 = STRING: server1
avCmPlatCmdsServerName.2 = STRING: server1
avCmPlatCmdsServerName.3 = STRING: server1
avCmPlatCmdsServerName.4 = STRING: server1
avCmPlatCmdsServerName.5 = STRING: server1
avCmPlatCmdsServerName.6 = STRING: server1
avCmPlatCmdsServerName.7 = STRING: server1
avCmPlatCmdsServerName.8 = STRING: server1
avCmPlatCmdsServerName.9 = STRING: server1
avCmPlatCmdsServerName.10 = STRING: server1
avCmPlatCmdsServerName.11 = STRING: server1
avCmPlatCmdsServerName.12 = STRING: server1
avCmPlatCmdsServerName.13 = STRING: server1
avCmPlatCmdsServerName.14 = STRING: server1
avCmPlatCmdsLoginId.1 = STRING: logger
avCmPlatCmdsLoginId.2 = STRING: logger
avCmPlatCmdsLoginId.3 = STRING: logger
avCmPlatCmdsLoginId.4 = STRING: logger
avCmPlatCmdsLoginId.5 = STRING: logger
avCmPlatCmdsLoginId.6 = STRING: root
avCmPlatCmdsLoginId.7 = STRING: root
avCmPlatCmdsLoginId.8 = STRING: root
avCmPlatCmdsLoginId.9 = STRING: update_tool
avCmPlatCmdsLoginId.10 = STRING: root
avCmPlatCmdsLoginId.11 = STRING: craft
avCmPlatCmdsLoginId.12 = STRING: craft
avCmPlatCmdsLoginId.13 = STRING: craft
avCmPlatCmdsLoginId.14 = STRING: -bash
avCmPlatCmdsCommand.1 = STRING: ramdisk -s
avCmPlatCmdsCommand.2 = STRING: hardware_info
avCmPlatCmdsCommand.3 = STRING: swversion

```

```

avCmPlatCmdsCommand.4 = STRING: fips_mode -q
avCmPlatCmdsCommand.5 = STRING: /opt/ecs/bin/fips_mode: FIPS mode is disabled in
the OS.
avCmPlatCmdsCommand.6 = STRING: filesync -d
avCmPlatCmdsCommand.7 = STRING: /opt/ecs/bin/productid
avCmPlatCmdsCommand.8 = STRING: hostscfg -c
avCmPlatCmdsCommand.9 = STRING: update_guard:Couldn't open /opt/updates/update-i
nfo
avCmPlatCmdsCommand.10 = STRING: add
avCmPlatCmdsCommand.11 = STRING: server_setup -s x509
avCmPlatCmdsCommand.12 = STRING: server_setup -s x509
avCmPlatCmdsCommand.13 = STRING: server_setup -s x509
avCmPlatCmdsCommand.14 = STRING: HISTORY: PPID=11344 PID=11597 UID=780 ping 135.
9.1.2

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListSigGrp

MIB group name	OID	Type
avCmListSigGrp	enterprises.6889.2.73.8.1.84	Table

Description

The avCmListSigGrp MIB group displays information about the system-administered signaling groups.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

No more than once a day when the signaling group administration is changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListSigGrp	SAT	<code>list signaling-group</code>	SIGNALING GROUPS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListSigGrpTable	.1	n/a	SEQUENCE OF AvCmListSigGrpEntry	n/a	An object containing the avCmListSigGrp entries.
avCmListSigGrpEntry	.1.1	n/a	AvCmListSigGrpEntry	n/a	An object containing the avCmListSigGrp entry with the information that the switch sent.
avCmListSigGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each SigGrp group.
avCmListSigGrpGrpNumber	.1.1.2	R	SnmpAdminString (SIZE (0..9999))	List Command: Grp No	An object that uniquely identifies each signaling group.
SIGNALING GROUPS					
avCmListSigGrpType	.1.1.3	R	SnmpAdminString (SIZE (0..14))	List Command: Group Type	An object containing the signaling group type.
SIGNALING GROUPS					
avCmListSigGrpFAS	.1.1.4	R	SnmpAdminString (SIZE (0..2))	List command: FAS	An object containing the status of FAS for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpTrkBrd s	.1.1.5	R	SnmpAdminString (SIZE (0..99))	List command: Trunk Brds	An object containing the number of trunk boards that the signaling group uses.
SIGNALING GROUPS					
avCmListSigGrpPriDChannel	.1.1.6	R	SnmpAdminString (SIZE (0..11))	List command: Pri D-Ch	An object containing the primary D

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SIGNALING GROUPS					Channel of the signaling group.
avCmListSigGrpSecDC hannel	.1.1.7	R	SnmpAdminString (SIZE (0..11))	List command Sec D-Ch	An object containing the primary D Channel of the signaling group.
SIGNALING GROUPS					
avCmListSigGrpMaxN CATSC	.1.1.8	R	SnmpAdminString (SIZE (0..999))	List command: Max NCA TSC	An object containing the maximum NCA TSC for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpMaxC ATSC	.1.1.9	R	SnmpAdminString (SIZE (0..999))	List command: Max CA TSC	An object containing the maximum CA TSC for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpMaxN CATSCs	.1.1.10	R	SnmpAdminString (SIZE (0..999))	List command: No. Adm'd NCA TSCs	An object containing the number of administered NCA TSCs for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpNearNode	.1.1.11	R	SnmpAdminString (SIZE (0..16))	List command: Near-node	An object containing the name of the near-end node of the signaling group.
SIGNALING GROUPS					
avCmListSigGrpFarNode	.1.1.12	R	SnmpAdminString (SIZE (0..16))	List command: Far-node	An object containing the name of the far-end node of the signaling group.
SIGNALING GROUPS					

Sample output of forms

```
list signaling-group
```

SIGNALING GROUPS											
Grp No.	Group Type	FAS?	Trunk Brds	Pri D-Ch/ Near-node	Sec D-Ch/ Far-node	Max NCA	TSC	Max CA	TSC	No. NCA	Adm'd TSCs
1	isdn-pri	y	1	01A1324		0		0		0	
3	sip	y	1	procr	vit-sys1-sm2	0		0		0	
4	sip	y	1	clan-1a02	vit-sys1-sm2	0		0		0	
11	h.323	y	1	clan-1a02	cm1-procr	0		0		0	

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmListSigGrp
avCmListSigGrpGrpNumber.1 = INTEGER: 1
avCmListSigGrpGrpNumber.3 = INTEGER: 3
avCmListSigGrpGrpNumber.4 = INTEGER: 4
avCmListSigGrpGrpNumber.11 = INTEGER: 11
avCmListSigGrpGrpType.1 = STRING: isdn-pri
avCmListSigGrpGrpType.3 = STRING: sip
avCmListSigGrpGrpType.4 = STRING: sip
avCmListSigGrpGrpType.11 = STRING: h.323
avCmListSigGrpFAS.1 = STRING: y
avCmListSigGrpFAS.3 = STRING: y
avCmListSigGrpFAS.4 = STRING: y
avCmListSigGrpFAS.11 = STRING: y
avCmListSigGrpTrkBrds.1 = INTEGER: 1
avCmListSigGrpTrkBrds.3 = INTEGER: 1
avCmListSigGrpTrkBrds.4 = INTEGER: 1
avCmListSigGrpTrkBrds.11 = INTEGER: 1
avCmListSigGrpPriDChannel.1 = STRING: 01A1324
avCmListSigGrpPriDChannel.3 = STRING:
avCmListSigGrpPriDChannel.4 = STRING:
avCmListSigGrpPriDChannel.11 = STRING:
avCmListSigGrpSecDChannel.1 = STRING:
avCmListSigGrpSecDChannel.3 = STRING:
avCmListSigGrpSecDChannel.4 = STRING:
avCmListSigGrpSecDChannel.11 = STRING:
avCmListSigGrpMaxNCATSC.1 = INTEGER: 0
avCmListSigGrpMaxNCATSC.3 = INTEGER: 0
avCmListSigGrpMaxNCATSC.4 = INTEGER: 0
avCmListSigGrpMaxNCATSC.11 = INTEGER: 0
avCmListSigGrpMaxCATSC.1 = INTEGER: 0
avCmListSigGrpMaxCATSC.3 = INTEGER: 0
avCmListSigGrpMaxCATSC.4 = INTEGER: 0
avCmListSigGrpMaxCATSC.11 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.1 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.3 = INTEGER: 0
```

```

avCmListSigGrpNoAdmdNCATSCs.4 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.11 = INTEGER: 0
avCmListSigGrpNearNode.1 = STRING:
avCmListSigGrpNearNode.3 = STRING: procr
avCmListSigGrpNearNode.4 = STRING: clan-1a02
avCmListSigGrpNearNode.11 = STRING: clan-1a02
avCmListSigGrpFarNode.1 = STRING:
avCmListSigGrpFarNode.3 = STRING: vit-sys1-sm2
avCmListSigGrpFarNode.4 = STRING: vit-sys1-sm2
avCmListSigGrpFarNode.11 = STRING: cml-procr

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusSigGrp

MIB group name	OID	Type
avCmStatusSigGrp	enterprises.6889.2.73.8.1.85	Table

Description

The avCmStatusSigGrp MIB group displays information about the status of signaling groups.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

No more than once an hour or when the signaling administration is changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusSigGrp	SAT	list signaling-group	SIGNALING GROUPS

Table continues...

MIB group name	Bash/SAT	Associated command	Form/Report name
	SAT	status signaling-group	SIGNALING GROUPS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusSigGrpTable	.1	n/a	SEQUENCE OF AvCmStatusSigGrp Entry	n/a	An object containing the avCmStatusSigGrp entries.
avCmStatusSigGrpEntry	.1.1	n/a	AvCmStatusSigGrp Entry	n/a	An object containing the avCmStatusSigGrp entry with the information that the switch sent.
avCmStatusSigGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each SigGrp group.
avCmStatusSigGrpGrpNumber	.1.1.2	R	Integer32 (0..9999)	Status command: Group State	An object that uniquely identifies each signaling group.
SIGNALING GROUPS					
	.1.1.3	R	SnmpAdminString (SIZE (0..14))	Status command: Group State	An object containing the signaling group type.
SIGNALING GROUPS					
	.1.1.4	R	SnmpAdminString (SIZE (0..22))	Status command: Group State	An object containing the status of the signaling groups.
SIGNALING GROUPS					

Sample output of forms

```

status signaling-group 1
STATUS SIGNALING GROUP

Group ID: 1                               Active NCA-TSC Count: 0
Group Type: isdn-pri                       Active CA-TSC Count: 0
Signaling Type: facility associated signaling
Group State: out-of-service

Primary D-Channel

Port: 01A1324          Level 3 State: out-of-service

Secondary D-Channel

Port:                  Level 3 State: no-link

Command:

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmStatusSigGrp
avCmStatusSigGrpGrpNumber.1 = INTEGER: 1
avCmStatusSigGrpGrpNumber.3 = INTEGER: 3
avCmStatusSigGrpGrpNumber.4 = INTEGER: 4
avCmStatusSigGrpGrpNumber.11 = INTEGER: 11
avCmStatusSigGrpGrpType.1 = STRING: isdn-pri
avCmStatusSigGrpGrpType.3 = STRING: sip
avCmStatusSigGrpGrpType.4 = STRING: sip
avCmStatusSigGrpGrpType.11 = STRING: h.323
avCmStatusSigGrpGrpState.1 = STRING: out-of-service
avCmStatusSigGrpGrpState.3 = STRING: in-service
avCmStatusSigGrpGrpState.4 = STRING: in-service
avCmStatusSigGrpGrpState.11 = STRING: far-end bypass

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListHuntGrp

MIB group name	OID	Type
avCmListHuntGrp	enterprises.6889.2.73.8.1.86	Table

Description

The avCmListHuntGrp MIB group displays information about hunt groups.

Releases Supported

7.0 and later

Polling Type

Inventory and Configuration

Configuration and Inventory

Polling Interval

No more than once an hour when the hunt group administration is changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListHuntGrp	SAT	list hunt-group	HUNT GROUPS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListHuntGrpTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmListHuntGrp entries.
avCmListHuntGrpEntry	.1.1	n/a	AvCmStatushuntGrpYestEntry	n/a	An object containing the avCmListHuntGrpe ntry with the information that the switch sent.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListHuntGrpHuntGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each hunt group.
avCmListHuntGrpHuntGrpNo	.1.1.2	R	Integer32 (0..9999)	Grp No	An object that uniquely identifies each hunt group.
HUNT GROUPS					
avCmListHuntGrpRunDate	.1.1.3	R	Integer32 (0..28)	Grp Name	An object containing the hunt group name.
HUNT GROUPS					
avCmListHuntGrpGrpName	.1.1.4	R	Integer32 (0..17)	Ext	An object containing the extension of the hunt group.
HUNT GROUPS					
avCmListHuntGrpGroupSize	.1.1.5	R	Integer32 (0..8)	Grp Type	An object containing the extension of the hunt group.
HUNT GROUPS					
avCmListHuntGrpMeasureHour	.1.1.6	R	Integer32 (0..4)	ACD/MEAS	An object containing the indication whether the hunt group is ACD and measured.
HUNT GROUPS					
avCmListHuntGrpTotalUsage	.1.1.7	R	Integer32 (0..2)	Vec	An object containing the indication whether the hunt group is a vector.
HUNT GROUPS					
avCmListHuntGrpCallsAns	.1.1.8	R	Integer32 (0..5)	MCH	An object containing the indication whether the hunt group is Multiple Call Handling.
HUNT GROUPS					
avCmListHuntGrpQueue	.1.1.9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUPS					
avCmListHuntGrpCallsQueue	.1.1.10	R	Integer32 (0..9999)	No Mem	An object containing the number of group members.
HUNT GROUPS					
avCmListHuntGrpQueueOverflow	.1.1.11	R	SnmpAdminString (SIZE (0..5))	Cov Pathl	An object containing the indication whether the hunt group has a coverage path.
HUNT GROUPS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListHuntGrpTime Avail	.1.1.12	R	SnmpAdminString (SIZE (0..5))	Cov Pathl	An object containing the indication whether the hunt group has NotifCtgAdj.
HUNT GROUPS					
avCmListHuntGrpSpeedAns	.1.1.13	R	SnmpAdminString (SIZE (0..3))	Dom Ctrl	An object containing the indication whether the hunt group has Domain Control.
HUNT GROUPS					
avCmListHuntGrpType	.1.1.14	R	SnmpAdminString (SIZE (0..2))	Message Center	An object containing the indication whether the hunt group has Message Center.
HUNT GROUPS					
avCmListHuntGrpAban	.1.1.15	R	SnmpAdminString (SIZE (0..8))	Message Center Name	An object containing the name of Message Center.
HUNT GROUPS					

Sample output of forms

list hunt-group											Page 1
HUNT GROUPS											
Grp No.	Grp Name/ Ext	Grp Type	ACD/ MEAS	Vec	MCH	Que	No. Mem	Cov Path	Notif/ Ctg Adj	Dom Ctrl	Message Center
1	test 10000	ucd-mia	n/-	n	none	n	3		n		n
2	test 2 10001	ucd-mia	n/-	n	none	n	2		n		n
3	test 3 10003	ucd-mia	n/-	n	none	n	2		n		n
4	test 4 10004	ucd-mia	y/N	n	none	n	0		n		n
5	test 5 10005	ucd-mia	n/-	n	none	y	5		n		n
6	123456789012345678901234567 10006	ucd-mia	n/-	n	none	n	2		n		n
7	test 7 10007	ucd-mia	n/-	n	none	n	3		n		n
press CANCEL to quit -- press NEXT PAGE to continue											
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d F5=Help F6=Update F7=Nxt Pg F8=Prv Pg											

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmListHuntGrp
avCmListHuntGrpGrpNumber.1 = INTEGER: 1
avCmListHuntGrpGrpNumber.2 = INTEGER: 2
:
:
avCmListHuntGrpGrpNumber.10 = INTEGER: 10
```

```

avCmListHuntGrpGrpName.1 = STRING: test
avCmListHuntGrpGrpName.2 = STRING: test 2
:
:
avCmListHuntGrpGrpName.10 = STRING: test 10
avCmListHuntGrpGrpExt.1 = STRING: 10000
avCmListHuntGrpGrpExt.2 = STRING: 10001
:
:
avCmListHuntGrpGrpExt.10 = STRING: 10010
avCmListHuntGrpGrpType.1 = STRING: ucd-mia
avCmListHuntGrpGrpType.2 = STRING: ucd-mia
:
:
avCmListHuntGrpGrpType.10 = STRING: ucd-mia
avCmListHuntGrpGrpAcidMeas.1 = STRING: n/-
avCmListHuntGrpGrpAcidMeas.2 = STRING: n/-
:
:
avCmListHuntGrpGrpAcidMeas.10 = STRING: n/-
avCmListHuntGrpGrpVec.1 = STRING:
avCmListHuntGrpGrpVec.2 = STRING:
:
:
avCmListHuntGrpGrpVec.10 = STRING:
avCmListHuntGrpGrpMch.1 = STRING:
avCmListHuntGrpGrpMch.2 = STRING:
:
:
avCmListHuntGrpGrpMch.10 = STRING:
avCmListHuntGrpGrpQue.1 = STRING: n
avCmListHuntGrpGrpQue.2 = STRING: n
:
:
avCmListHuntGrpGrpQue.10 = STRING: n
avCmListHuntGrpGrpNoMem.1 = INTEGER: 3
avCmListHuntGrpGrpNoMem.2 = INTEGER: 2
:
:
avCmListHuntGrpGrpNoMem.10 = INTEGER: 2
avCmListHuntGrpCovPath.1 = STRING:
avCmListHuntGrpCovPath.2 = STRING:
:
:
avCmListHuntGrpCovPath.10 = STRING:
avCmListHuntGrpNotifCtgAdj.1 = STRING: n
avCmListHuntGrpNotifCtgAdj.2 = STRING: n
:
:
avCmListHuntGrpNotifCtgAdj.10 = STRING: n
avCmListHuntGrpDomCtrl.1 = STRING:
avCmListHuntGrpDomCtrl.2 = STRING:
:
:
avCmListHuntGrpDomCtrl.10 = STRING:
avCmListHuntGrpMsgCtr.1 = STRING: n
avCmListHuntGrpMsgCtr.2 = STRING: n
:
:
avCmListHuntGrpMsgCtr.10 = STRING: n
avCmListHuntGrpMsgCtrName.1 = STRING:
avCmListHuntGrpMsgCtrName.2 = STRING:
:
:
avCmListHuntGrpMsgCtrName.10 = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasHuntGrpLstHr

MIB group name	OID	Type
avCmMeasHuntGrpLstHr	enterprises.6889.2.73.8.1.59	Table

Description

The avCmMeasHuntGrpLstHr MIB group displays information about hunt groups from the previous day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasHuntGrpLstHr	SAT	list measurements hunt-group yesterday	HUNT GROUP MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpLstHrTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpLstHr entries.
avCmMeasHuntGrpLstHrEntry	.1.1	n/a	AvCmStatushuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpLstHr entry with the information that the switch sent.
avCmMeasHuntGrpLstHrHuntGrpIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each increment of data.
avCmMeasHuntGrpLstHrHuntGrpNo	.1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrRunDate	.1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpName	.1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGroupSiz	.1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrMeasHour	.1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrTotalUsage	.1.1.7	R	Integer32 (0..99999)	Total Usage	An object containing the total amount of time hunt groups are busy processing calls.
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpLst HrCallsAns	.1.1. 8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrGrpQue	.1.1. 9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrCallsQue	.1.1. 10	R	Integer32 (0..99999)	Calls Que	An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrQueOvfl	.1.1. 11	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrTimeAvail	.1.1. 12	R	Integer32 (0..9999)	Time Avail	An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrSpeedAns	.1.1. 13	R	Integer32 (0..9999)	Speed Ans	An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the forced first

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					announcement is not included.
avCmMeasHuntGrpLstHrTyp	.1.1.14	R	Integer32 (0..4)	Typ	An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: expert agent distribution.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrAban	.1.1.15	R	Integer32 (0..999)	Aban	An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included.
HUNT GROUP MEASUREMENTS					

Sample output of forms

list measurements hunt-group last-hour										Page 1
Switch Name:				Date: 3:11 am MON JUN 1, 2015						
HUNT GROUP MEASUREMENTS										
Grp No.	Grp Name	Grp Siz/ Typ	Meas Hour	Total Usage	Calls Ans/ Aban	Que	Calls Que	Que Ovfl	Time Avail	Speed Ans (sec)
1	test	3 ucd	200	0	0	n	0	0	108	0
2	test 2	2 ucd	200	0	0	n	0	0	72	0
3	test 3	2 ucd	200	0	0	n	0	0	72	0
4	test 4	0 ucd	200	0	0	n	0	0	0	0
5	test 5	5 ucd	200	0	0	y	0	0	180	0
6	123456789012345678901234567	2 ucd	200	0	0	n	0	0	72	0
press CANCEL to quit -- press NEXT PAGE to continue										
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg										

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmMeasHuntGrpLstHr
avCmMeasHuntGrpLstHrHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpLstHrHuntGrpNo.2 = INTEGER: 2
:
:
avCmMeasHuntGrpLstHrHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpLstHrRunDate.1 = STRING: 3:09 am MON JUN 1, 2015
avCmMeasHuntGrpLstHrRunDate.2 = STRING: 3:09 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpLstHrRunDate.10 = STRING: 3:09 am MON JUN 1, 2015
avCmMeasHuntGrpLstHrGrpName.1 = STRING: test
avCmMeasHuntGrpLstHrGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpLstHrGrpName.10 = STRING: test 10
avCmMeasHuntGrpLstHrGroupSiz.1 = INTEGER: 3
avCmMeasHuntGrpLstHrGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpLstHrGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpLstHrMeasHour.1 = INTEGER: 200
avCmMeasHuntGrpLstHrMeasHour.2 = INTEGER: 200
:
:
avCmMeasHuntGrpLstHrMeasHour.10 = INTEGER: 200
avCmMeasHuntGrpLstHrTotalUsage.1 = INTEGER: 0
453
avCmMeasHuntGrpLstHrTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsAns.2 = INTEGER: 0
:
```

```

:
avCmMeasHuntGrpLstHrCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpLstHrGrpQue.1 = STRING: n
avCmMeasHuntGrpLstHrGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpLstHrGrpQue.10 = STRING: n
avCmMeasHuntGrpLstHrCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpLstHrQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpLstHrQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpLstHrTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpLstHrTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpLstHrTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpLstHrSpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpLstHrSpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrSpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpLstHrTyp.1 = STRING: ucd
avCmMeasHuntGrpLstHrTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpLstHrTyp.10 = STRING: ucd
avCmMeasHuntGrpLstHrAban.1 = INTEGER: 0
avCmMeasHuntGrpLstHrAban.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrAban.10 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasHuntGrpToday

MIB group name	OID	Type
avCmMeasHuntGrpToday	enterprises.6889.2.73.8.1.88	Table

Description

The avCmMeasHuntGrpToday MIB group displays information about hunt groups from the present day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasHuntGrpToday	SAT	<code>list measurements hunt-group yesterday</code>	HUNT GROUP MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpTodayTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGroupYestEntry	n/a	An object containing the avCmMeasHuntGrp Todayentries.
avCmMeasHuntGrpTodayEntry	.1.1	n/a	AvCmStatushuntGroupYestEntry	n/a	An object containing the avCmMeasHuntGrp Today entry with the information that the switch sent.
avCmMeasHuntGrpTodayHuntGrpIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each increment of data.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpTodayHuntGrpNo	.1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayRunDate	.1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGrpName	.1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGroupSiz	.1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayMeasHour	.1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTotalUsage	.1.1.7	R	Integer32 (0..99999)	Total Usage	An object containing the total amount of time hunt groups are busy processing calls.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayCallsAns	.1.1.8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGrpQue	.1.1.9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayCallsQue	.1.1.10	R	Integer32 (0..99999)	Calls Que	An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included.
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpTodayQueOvfl	.1.1.11	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTimeAvail	.1.1.12	R	Integer32 (0..9999)	Time Avail	An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodaySpeedAns	.1.1.13	R	Integer32 (0..9999)	Speed Ans	An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the forced first announcement is not included.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTyp	.1.1.14	R	Integer32 (0..4)	Typ	An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: expert agent distribution.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayAban	.1.1.15	R	Integer32 (0..999)	Aban	An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included.

Sample output of forms

list measurements hunt-group today-peak

Switch Name:

Date: 3:16 am MON JUN 1, 2015

HUNT GROUP MEASUREMENTS

Grp No.	Grp Name	Grp Siz/ Typ	Meas Hour	Total Usage	Calls Ans/ Aban	Que	Calls Que	Que Ovfl	Time Avail	Speed Ans (sec)
1	test	3 ucd	200	0	0	n	0	0	108	0
2	test 2	2 ucd	200	0	0	n	0	0	72	0
3	test 3	2 ucd	200	0	0	n	0	0	72	0
4	test 4	0 ucd	200	0	0	n	0	0	0	0
5	test 5	5 ucd	200	0	0	y	0	0	180	0
6	123456789012345678901234567	2 ucd	200	0	0	n	0	0	72	0

press CANCEL to quit -- press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasHuntGrpToday
avCmMeasHuntGrpTodayHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpTodayHuntGrpNo.2 = INTEGER: 2
:
:
avCmMeasHuntGrpTodayHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpTodayRunDate.1 = STRING: 3:12 am MON JUN 1, 2015
avCmMeasHuntGrpTodayRunDate.2 = STRING: 3:12 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpTodayRunDate.10 = STRING: 3:12 am MON JUN 1, 2015
avCmMeasHuntGrpTodayGrpName.1 = STRING: test
avCmMeasHuntGrpTodayGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpTodayGrpName.10 = STRING: test 10
avCmMeasHuntGrpTodayGroupSiz.1 = INTEGER: 3
```

```

avCmMeasHuntGrpTodayGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpTodayGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpTodayMeasHour.1 = INTEGER: 200
avCmMeasHuntGrpTodayMeasHour.2 = INTEGER: 200
:
:
avCmMeasHuntGrpTodayMeasHour.10 = INTEGER: 200
avCmMeasHuntGrpTodayTotalUsage.1 = INTEGER: 0
avCmMeasHuntGrpTodayTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpTodayCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpTodayCallsAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpTodayGrpQue.1 = STRING: n
avCmMeasHuntGrpTodayGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpTodayGrpQue.10 = STRING: n
avCmMeasHuntGrpTodayCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpTodayCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpTodayQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpTodayQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpTodayTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpTodayTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpTodayTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpTodaySpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpTodaySpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodaySpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpTodayTyp.1 = STRING: ucd
avCmMeasHuntGrpTodayTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpTodayAban.10 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasHuntGrpYest

MIB group name	OID	Type
avCmMeasHuntGrpYest	enterprises.6889.2.73.8.1.89	Table

Description

The avCmMeasHuntGrpYest MIB group displays information about hunt groups from the previous day.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasHuntGrpYest	SAT	<code>list measurements hunt-group yesterday</code>	HUNT GROUP MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpYestTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpYestentries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasHuntGrpYestEntry	.1.1	n/a	AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpYest entry with the information that the switch sent.
avCmMeasHuntGrpYestHuntGrpIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each increment of data.
avCmMeasHuntGrpYestHuntGrpNo	.1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrRunDate	.1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpName	.1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGroupSiz	.1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrMeasHour	.1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrTotalUsage	.1.1.7	R	Integer32 (0..99999)	Total Usage	An object containing the total amount of time hunt groups are busy processing calls.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrCallsAns	.1.1.8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpQue	.1.1.9	R	Integer32 (0..2)	Que	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					indication whether the hunt group has a queue.
avCmMeasHuntGrpLstHrCallsQue	.1.1.10	R	Integer32 (0..99999)	Calls Que	An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrQueOvfl	.1.1.11	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrTimeAvail	.1.1.12	R	Integer32 (0..9999)	Time Avail	An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrSpeedAns	.1.1.13	R	Integer32 (0..9999)	Speed Ans	An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the forced first announcement is not included.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrTyp	.1.1.14	R	Integer32 (0..4)	Typ	An object containing the type

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: expert agent distribution.
avCmMeasHuntGrpLst HrAban	.1.1. 15	R	Integer32 (0..999)	Aban	An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included.
HUNT GROUP MEASUREMENTS					

Sample output of forms

list measurements hunt-group yesterday-peak									
Switch Name: Date: 3:35 am MON JUN 1, 2015									
HUNT GROUP MEASUREMENTS									
Grp No.	Grp Name	Grp Siz/ Typ	Meas Hour	Total Usage	Calls Ans/ Aban	Calls Que	Que	Time Ovfl	Speed Ans (sec)
1	test	3	2300	0	0	n	0	0	108 0
2	test 2	2	2300	0	0	n	0	0	72 0
3	test 3	2	2300	0	0	n	0	0	72 0
4	test 4	0	2300	0	0	n	0	0	0 0
5	test 5	5	2300	0	0	y	0	0	180 0
6	123456789012345678901234567	2	2300	0	0	n	0	0	72 0
press CANCEL to quit -- press NEXT PAGE to continue									
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg									

Sample Output of SNMP Walk command:

```

snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-AURA-CM-
MIB.txt avCmMeasHuntGrpYestHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpYestHuntGrpNo.2 = INTEGER: 2
:
:
avCmMeasHuntGrpYestHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpYestRunDate.1 = STRING: 3:36 am MON JUN 1, 2015
avCmMeasHuntGrpYestRunDate.2 = STRING: 3:36 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpYestRunDate.10 = STRING: 3:36 am MON JUN 1, 2015
avCmMeasHuntGrpYestGrpName.1 = STRING: test
avCmMeasHuntGrpYestGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpYestGrpName.10 = STRING: test 10
avCmMeasHuntGrpYestGroupSiz.1 = INTEGER: 3
avCmMeasHuntGrpYestGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpYestGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpYestMeasHour.1 = INTEGER: 2300
avCmMeasHuntGrpYestMeasHour.2 = INTEGER: 2300
:
:
avCmMeasHuntGrpYestMeasHour.10 = INTEGER: 2300
avCmMeasHuntGrpYestTotalUsage.1 = INTEGER: 0
avCmMeasHuntGrpYestTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpYestCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpYestCallsAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpYestGrpQue.1 = STRING: n
avCmMeasHuntGrpYestGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpYestGrpQue.10 = STRING: n
avCmMeasHuntGrpYestCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpYestCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpYestQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpYestQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpYestTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpYestTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpYestTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpYestSpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpYestSpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestSpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpYestTyp.1 = STRING: ucd

```

```

avCmMeasHuntGrpYestTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpYestTyp.3 = STRING: ucd
avCmMeasHuntGrpYestTyp.10 = STRING: ucd
avCmMeasHuntGrpYestAban.1 = INTEGER: 0
avCmMeasHuntGrpYestAban.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestAban.10 = INTEGER: 0

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIpInterfaceAll Group

MIB group name	OID	Type
avCmListIpInterfaceAll Group	6889.2.73.8.1.90	Table

Description

The avCmListIpInterfaceAll Group MIB Group uses the **list ip-interface all** command to retrieve all ip-interface data.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIpInterfaceAll Group	SAT	list ip-interface all	IP INTERFACES

Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpInterfaceAll Table	.1	R	SEQUENCE OF AvCmMeasToneRecYestEntry	n/a	A list of the avCmListIpInterface All entries
avCmListIpInterfaceAll Table					
avCmListIpInterfaceAll Entry	.1.1	R	avCmListIpInterface AllEntry	n/a	A avCmListIpInterface AllEntry entry containing objects of the avCmListIpInterface AllEntry information sent by the switch.
avCmListIpInterfaceAll SlotIdx	.1.1.1	R	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceAll Idx	.1.1.2	R	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceAll On	.1.1.3	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the ip-interface is enabled.
IP INTERFACES					
avCmListIpInterfaceAll Type	.1.1.4	R	SnmpAdminString (SIZE (0..7))	Type	An object containing the type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceAll Slot	.1.1.5	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceAll Code	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN code of the board.
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpInterfaceAllSfx	.1.1.7	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the suffix of the board.
IP INTERFACES					
avCmListIpInterfaceAllNodeName	.1.1.8	R	SnmpAdminString (SIZE (0..6))	Node Name	An object containing the Node Name used by the ip-interface..
IP INTERFACES					
avCmListIpInterfaceAllMask	.1.1.9	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the mask of the ip-interface..
IP INTERFACES					
avCmListIpInterfaceAllNetRgn	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllVlan	.1.1.11	R	SnmpAdminString (SIZE (0..2))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllIpAddress	.1.1.12	R	SnmpAdminString (SIZE (0..41))	IP Adress	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllGatewayNode	.1.1.13	R	SnmpAdminString (SIZE (0..41))	Gateway Node	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllOn2	.1.1.14	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the duplicated ip-interface is enabled.
IP INTERFACES					
avCmListIpInterfaceAllType	.1.1.15	R	SnmpAdminString (SIZE (0..2))	Type	An object containing the duplicated type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllSlot2	.1.1.16	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the duplicated ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceAllCode2	.1.1.17	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN code of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceAllSfx2	.1.1.18	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the TN code of the duplicate board.
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpInterfaceAll NodeName2	.1.1. 19	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name used by the duplicated ip- intereface.
IP INTERFACES					
avCmListIpInterfaceAll Mask2	.1.1. 20	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the Node Name used by the duplicate ip- intereface.
IP INTERFACES					
avCmListIpInterfaceAll NetRgn2	.1.1. 21	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAll Vlan2	.1.1. 22	R	SnmpAdminString (SIZE (0..2))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAll pAddress2	.1.1. 23	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the duplicate ip- interface.
IP INTERFACES					
avCmListIpInterfaceAll GatewayNode2	.1.1. 24	R	SnmpAdminString (SIZE (0..41))	Gateway Node	The IP Address associated with the ip-interface.
IP INTERFACES					

Sample output of forms

list ip-interface all						Page 1	
IP INTERFACES							
ON Type	Slot	Code/Sfx	Node Name/ IP-Address/ Gateway Node	Mask	Net Rgn	VLAN	
---	---	---	---	---	---	---	
y	PROCR		procr 10.129.136.20 10.129.136.1	/23	1		
n	PROCR		procr6 :: ::	/64	1		
y	C-LAN	01A02 TN799 D	clan-1a02 10.129.136.51 gateway	/23	2	n	
y	MEDPRO	01A14 TN2602	xF-1a14 10.129.136.52 gateway	/23	2	n	
press CANCEL to quit -- press NEXT PAGE to continue							
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg							

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmListIpInterfaceAll
avCmListIpInterfaceAllOn."00000".1 = STRING: y
avCmListIpInterfaceAllOn."01A02".1 = STRING: y
avCmListIpInterfaceAllOn."01A03".1 = STRING: y
avCmListIpInterfaceAllOn."01A04".1 = STRING: y
avCmListIpInterfaceAllOn."01A06".1 = STRING: y
avCmListIpInterfaceAllOn."01A14".1 = STRING: y
avCmListIpInterfaceAllType."00000".1 = STRING: PROCR
avCmListIpInterfaceAllType."01A02".1 = STRING: C-LAN
avCmListIpInterfaceAllType."01A03".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A04".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A06".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A14".1 = STRING: MEDPRO
avCmListIpInterfaceAllSlot."00000".1 = STRING: 00000
avCmListIpInterfaceAllSlot."01A02".1 = STRING: 01A02
avCmListIpInterfaceAllSlot."01A03".1 = STRING: 01A03
avCmListIpInterfaceAllSlot."01A04".1 = STRING: 01A04
avCmListIpInterfaceAllSlot."01A06".1 = STRING: 01A06
avCmListIpInterfaceAllSlot."01A14".1 = STRING: 01A14
avCmListIpInterfaceAllCode."00000".1 = STRING:
avCmListIpInterfaceAllCode."01A02".1 = STRING: TN799
avCmListIpInterfaceAllCode."01A03".1 = STRING: TN2302
avCmListIpInterfaceAllCode."01A04".1 = STRING: TN2302
avCmListIpInterfaceAllCode."01A06".1 = STRING: TN2602
avCmListIpInterfaceAllCode."01A14".1 = STRING: TN2602
avCmListIpInterfaceAllSfx."00000".1 = STRING:
avCmListIpInterfaceAllSfx."01A02".1 = STRING: D
avCmListIpInterfaceAllSfx."01A03".1 = STRING:
avCmListIpInterfaceAllSfx."01A04".1 = STRING:
avCmListIpInterfaceAllSfx."01A06".1 = STRING:
avCmListIpInterfaceAllSfx."01A14".1 = STRING:
avCmListIpInterfaceAllNodeName."00000".1 = STRING: procr
avCmListIpInterfaceAllNodeName."01A02".1 = STRING: clan-1a02
avCmListIpInterfaceAllNodeName."01A03".1 = STRING: pr-1a03
avCmListIpInterfaceAllNodeName."01A04".1 = STRING: pr-1a04
avCmListIpInterfaceAllNodeName."01A06".1 = STRING: xf-1a06
avCmListIpInterfaceAllNodeName."01A14".1 = STRING: xf-1a14
avCmListIpInterfaceAllMask."00000".1 = STRING: 23
avCmListIpInterfaceAllMask."01A02".1 = STRING: 23
avCmListIpInterfaceAllMask."01A03".1 = STRING: 23
avCmListIpInterfaceAllMask."01A04".1 = STRING: 23
avCmListIpInterfaceAllMask."01A06".1 = STRING: 23
avCmListIpInterfaceAllMask."01A14".1 = STRING: 23
avCmListIpInterfaceAllNetRgn."00000".1 = INTEGER: 1
avCmListIpInterfaceAllNetRgn."01A02".1 = INTEGER: 2
avCmListIpInterfaceAllNetRgn."01A03".1 = INTEGER: 3
avCmListIpInterfaceAllNetRgn."01A04".1 = INTEGER: 4
avCmListIpInterfaceAllNetRgn."01A06".1 = INTEGER: 1
avCmListIpInterfaceAllNetRgn."01A14".1 = INTEGER: 2
avCmListIpInterfaceAllVlan."00000".1 = STRING:
avCmListIpInterfaceAllVlan."01A02".1 = STRING: n
avCmListIpInterfaceAllVlan."01A03".1 = STRING: n
avCmListIpInterfaceAllVlan."01A04".1 = STRING: n
avCmListIpInterfaceAllVlan."01A06".1 = STRING: n
avCmListIpInterfaceAllVlan."01A14".1 = STRING: n
avCmListIpInterfaceAllIpAddress."00000".1 = STRING: 10.129.136.20
avCmListIpInterfaceAllIpAddress."01A02".1 = STRING: 10.129.136.51
avCmListIpInterfaceAllIpAddress."01A03".1 = STRING: 10.129.136.54
avCmListIpInterfaceAllIpAddress."01A04".1 = STRING: 10.129.136.55
avCmListIpInterfaceAllIpAddress."01A06".1 = STRING: 10.129.136.53
avCmListIpInterfaceAllIpAddress."01A14".1 = STRING: 10.129.136.52
avCmListIpInterfaceAllGatewayNode."00000".1 = STRING: 10.129.136.1

```

```

avCmListIpInterfaceAllGatewayNode."01A02".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A03".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A04".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A06".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A14".1 = STRING: gateway
avCmListIpInterfaceAllOn2."00000".1 = STRING:
avCmListIpInterfaceAllOn2."01A02".1 = STRING:
avCmListIpInterfaceAllOn2."01A03".1 = STRING:
avCmListIpInterfaceAllOn2."01A04".1 = STRING:
avCmListIpInterfaceAllOn2."01A06".1 = STRING:
avCmListIpInterfaceAllOn2."01A14".1 = STRING:
avCmListIpInterfaceAllType2."00000".1 = STRING:
avCmListIpInterfaceAllType2."01A02".1 = STRING:
avCmListIpInterfaceAllType2."01A03".1 = STRING:
avCmListIpInterfaceAllType2."01A04".1 = STRING:
avCmListIpInterfaceAllType2."01A06".1 = STRING:
avCmListIpInterfaceAllType2."01A14".1 = STRING:
avCmListIpInterfaceAllSlot2."00000".1 = STRING:
avCmListIpInterfaceAllSlot2."01A02".1 = STRING:
avCmListIpInterfaceAllSlot2."01A03".1 = STRING:
avCmListIpInterfaceAllSlot2."01A04".1 = STRING:
avCmListIpInterfaceAllSlot2."01A06".1 = STRING:
avCmListIpInterfaceAllSlot2."01A14".1 = STRING:
avCmListIpInterfaceAllCode2."00000".1 = STRING:
avCmListIpInterfaceAllCode2."01A02".1 = STRING:
avCmListIpInterfaceAllCode2."01A03".1 = STRING:
avCmListIpInterfaceAllCode2."01A04".1 = STRING:
avCmListIpInterfaceAllCode2."01A06".1 = STRING:
avCmListIpInterfaceAllCode2."01A14".1 = STRING:
avCmListIpInterfaceAllSfx2."00000".1 = STRING:
avCmListIpInterfaceAllSfx2."01A02".1 = STRING:
avCmListIpInterfaceAllSfx2."01A03".1 = STRING:
avCmListIpInterfaceAllSfx2."01A04".1 = STRING:
avCmListIpInterfaceAllSfx2."01A06".1 = STRING:
avCmListIpInterfaceAllSfx2."01A14".1 = STRING:
avCmListIpInterfaceAllNodeName2."00000".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A02".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A03".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A04".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A06".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A14".1 = STRING:
avCmListIpInterfaceAllMask2."00000".1 = STRING:
avCmListIpInterfaceAllMask2."01A02".1 = STRING:
avCmListIpInterfaceAllMask2."01A03".1 = STRING:
avCmListIpInterfaceAllMask2."01A04".1 = STRING:
avCmListIpInterfaceAllMask2."01A06".1 = STRING:
avCmListIpInterfaceAllMask2."01A14".1 = STRING:
avCmListIpInterfaceAllNetRgn2."00000".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A02".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A03".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A04".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A06".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A14".1 = INTEGER: 0
avCmListIpInterfaceAllVlan2."00000".1 = STRING:
avCmListIpInterfaceAllVlan2."01A02".1 = STRING:
avCmListIpInterfaceAllVlan2."01A03".1 = STRING:
avCmListIpInterfaceAllVlan2."01A04".1 = STRING:
avCmListIpInterfaceAllVlan2."01A06".1 = STRING:
avCmListIpInterfaceAllVlan2."01A14".1 = STRING:
avCmListIpInterfaceAllIpAddress2."00000".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A02".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A03".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A04".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A06".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A14".1 = STRING:

```



```

avCmListIpInterfaceAllGatewayNode2."00000".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A02".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A03".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A04".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A06".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A14".1 = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIpInterfaceMedpro Group

MIB group name	OID	Type
avCmListIpInterfaceMedpro Group	enterprises.6889.2.73.8.1.91	Table

Description

The avCmListIpInterfaceMedpro MIB Group uses the `list ip-interface medpro` command to retrieve media-processor ip-interface data.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIpInterfaceMedpro Group	SAT	<code>list ip-interface medpro</code>	IP INTERFACES

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpInterfaceMedproTable	.1	n/a	AvCmListIpInterfaceMedproEntry	n/a	A list of the avCmListIpInterfaceMedpro entries
avCmListIpInterfaceMedproEntry	.1.1	n/a	AvCmListIpInterfaceMedproEntry	n/a	A avCmListIpInterfaceMedpro entry containing objects of the avCmListIpInterfaceMedpro information sent by the switch.
avCmListIpInterfaceMedproSlotIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceMedproOldx	.1.1.2	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceMedproOn	.1.1.3	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the ip-interface is enabled.
avCmListIpInterfaceMedproType	.1.1.4	R	SnmpAdminString (SIZE (0..7))	ON	An object containing the type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproSlot	.1.1.5	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the slot where the ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceMedproCode	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Slot	An object containing the TN code of the board.
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpInterfaceMe dproSfx	.1.1. 7	R	SnmpAdminString (SIZE (0..2))	Code/	An object containing the suffix of the board.
IP INTERFACES					
avCmListIpInterfaceMe dproNodeName	.1.1. 8	R	SnmpAdminString (SIZE (0..4))	Node Name	An object containing the mask of the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproMask	.1.1. 9	R	Integer32 (0..9999)	Mask	Field that displays network region used by the ip- interface.
IP INTERFACES					
avCmListIpInterfaceMe dproNetRgn	.1.1. 10	R	SnmpAdminString (SIZE (0..5))	Net Rgn	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVlan	.1.1. 11	R	SnmpAdminString (SIZE (0..41))	VLAN	The virtual node associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVirtualNode	.1.1. 12	R	SnmpAdminString (SIZE (0..41))	Virtual Node	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproIpAddress	.1.1. 13	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproGatewayNode	.1.1. 14	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproOn2	.1.1. 15	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the duplicate ip-interface is enabled.
IP INTERFACES					
avCmListIpInterfaceMe dproType2	.1.1. 16	R	SnmpAdminString (SIZE (0..7))	Type	An object containing the type of the duplicate ip- interface.
IP INTERFACES					
avCmListIpInterfaceMe dproSlot2	.1.1. 17	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the duplicate ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceMe dproCode2	.1.1. 18	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP INTERFACES					code of the duplicate board.
avCmListIpInterfaceMe dproSfx2	.1.1. 19	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the suffix of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceMe dproNodeName2	.1.1. 20	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name used by the duplicate ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproMask2	.1.1. 21	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the mask of the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproNetRgn2	.1.1. 22	R	Integer32 (0..9999)	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVlan2	.1.1. 23	R	SnmpAdminString (SIZE (0..5))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVirtualNode2	.1.1. 24	R	SnmpAdminString (SIZE (0..41))	Virtual Node	The virtual node associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproIpAddress2	.1.1. 25	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproGatewayNode2	.1.1. 26	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					

Sample output of forms

```
list ip-interface medpro
```

IP INTERFACES										
ON	Slot	Code/Sfx	Node Name/ IP-Address	Mask	Gateway	Node	Net Rgn	VLAN	Virtual	Node
y	01A14	TN2602	xf-1a14 10.129.136.52	/23	gateway		2	n		
y	01A06	TN2602	xf-1a06 10.129.136.53	/23	gateway		1	n		
y	01A03	TN2302	pr-1a03 10.129.136.54	/23	gateway		3	n		
y	01A04	TN2302	pr-1a04 10.129.136.55	/23	gateway		4	n		

```
Command successfully completed
```

```
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmListIpInterfaceMedpro
avCmListIpInterfaceMedproOn."01A03".1 = STRING: y
avCmListIpInterfaceMedproOn."01A04".1 = STRING: y
avCmListIpInterfaceMedproOn."01A06".1 = STRING: y
avCmListIpInterfaceMedproOn."01A14".1 = STRING: y
avCmListIpInterfaceMedproType."01A03".1 = STRING:
avCmListIpInterfaceMedproType."01A04".1 = STRING:
avCmListIpInterfaceMedproType."01A06".1 = STRING:
avCmListIpInterfaceMedproType."01A14".1 = STRING:
avCmListIpInterfaceMedproSlot."01A03".1 = STRING: 01A03
avCmListIpInterfaceMedproSlot."01A04".1 = STRING: 01A04
avCmListIpInterfaceMedproSlot."01A06".1 = STRING: 01A06
avCmListIpInterfaceMedproSlot."01A14".1 = STRING: 01A14
avCmListIpInterfaceMedproCode."01A03".1 = STRING: TN2302
avCmListIpInterfaceMedproCode."01A04".1 = STRING: TN2302
avCmListIpInterfaceMedproCode."01A06".1 = STRING: TN2602
avCmListIpInterfaceMedproCode."01A14".1 = STRING: TN2602
avCmListIpInterfaceMedproSfx."01A03".1 = STRING:
avCmListIpInterfaceMedproSfx."01A04".1 = STRING:
avCmListIpInterfaceMedproSfx."01A06".1 = STRING:
avCmListIpInterfaceMedproSfx."01A14".1 = STRING:
avCmListIpInterfaceMedproNodeName."01A03".1 = STRING: pr-1a03
avCmListIpInterfaceMedproNodeName."01A04".1 = STRING: pr-1a04
avCmListIpInterfaceMedproNodeName."01A06".1 = STRING: xf-1a06
avCmListIpInterfaceMedproNodeName."01A14".1 = STRING: xf-1a14
avCmListIpInterfaceMedproMask."01A03".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A04".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A06".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A14".1 = STRING: 23
avCmListIpInterfaceMedproNetRgn."01A03".1 = INTEGER: 3
avCmListIpInterfaceMedproNetRgn."01A04".1 = INTEGER: 4
avCmListIpInterfaceMedproNetRgn."01A06".1 = INTEGER: 1
avCmListIpInterfaceMedproNetRgn."01A14".1 = INTEGER: 2
avCmListIpInterfaceMedproVlan."01A03".1 = STRING: n
avCmListIpInterfaceMedproVlan."01A04".1 = STRING: n
```

```

avCmListIpInterfaceMedproVlan."01A06".1 = STRING: n
avCmListIpInterfaceMedproVlan."01A14".1 = STRING: n
avCmListIpInterfaceMedproVirtualNode."01A03".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A04".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A06".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A14".1 = STRING:
avCmListIpInterfaceMedproIpAddress."01A03".1 = STRING: 10.129.136.54
avCmListIpInterfaceMedproIpAddress."01A04".1 = STRING: 10.129.136.55
avCmListIpInterfaceMedproIpAddress."01A06".1 = STRING: 10.129.136.53
avCmListIpInterfaceMedproIpAddress."01A14".1 = STRING: 10.129.136.52
avCmListIpInterfaceMedproGatewayNode."01A03".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A04".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A06".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A14".1 = STRING: gateway
avCmListIpInterfaceMedproOn2."01A03".1 = STRING:
avCmListIpInterfaceMedproOn2."01A04".1 = STRING:
avCmListIpInterfaceMedproOn2."01A06".1 = STRING:
avCmListIpInterfaceMedproOn2."01A14".1 = STRING:
avCmListIpInterfaceMedproType2."01A03".1 = STRING:
avCmListIpInterfaceMedproType2."01A04".1 = STRING:
avCmListIpInterfaceMedproType2."01A06".1 = STRING:
avCmListIpInterfaceMedproType2."01A14".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A03".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A04".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A06".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A14".1 = STRING:
avCmListIpInterfaceMedproCode2."01A03".1 = STRING:
avCmListIpInterfaceMedproCode2."01A04".1 = STRING:
avCmListIpInterfaceMedproCode2."01A06".1 = STRING:
avCmListIpInterfaceMedproCode2."01A14".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A03".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A04".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A06".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A14".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A03".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A04".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A06".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A14".1 = STRING:
avCmListIpInterfaceMedproMask2."01A03".1 = STRING:
avCmListIpInterfaceMedproMask2."01A04".1 = STRING:
avCmListIpInterfaceMedproMask2."01A06".1 = STRING:
avCmListIpInterfaceMedproMask2."01A14".1 = STRING:
avCmListIpInterfaceMedproNetRgn2."01A03".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A04".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A06".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A14".1 = INTEGER: 0
avCmListIpInterfaceMedproVlan2."01A03".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A04".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A06".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A14".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A03".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A04".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A06".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A14".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A03".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A04".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A06".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A14".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A03".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A04".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A06".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A14".1 = STRING:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusMedproBrd

MIB group name	OID	Type
avCmStatusMedproBrd Group	enterprises.6889.2.73.8.1.92	Table

Description

The avCmStatusMedproBrd MIB Group uses the `list ip-interface medpro` command to retrieve media-processor ip-interface status data.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of boards in the system increase. Consequently, this data could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusMedproBrd Group	SAT	<code>status medpro board</code>	MEDIA-PROCESSOR STATUS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd Table	.1	n/a	AvCmStatusMedproBrdEntry	n/a	A list of the avCmStatusMedproBrd entries
avCmStatusMedproBrd Entry	.1.1	n/a	AvCmStatusMedproBrdEntry	n/a	A avCmStatusMedproBrd entry containing objects of the avCmStatusMedproBrd information sent by the switch.
avCmStatusMedproBrd BoardLocIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each Increment of data.
avCmStatusMedproBrd BoardLoc	.1.1.2	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing whether the ip-interface is located.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd State	.1.1.3	R	SnmpAdminString (SIZE (0..8))	State	A DisplayString Object that contains state of the media processor board (values can be 'active', 'standby' or 'init').
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd NodeName	.1.1.4	R	SnmpAdminString (SIZE (0..16))	Node Name	A DisplayString Object that contains the node name for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IpAddress	.1.1.5	R	SnmpAdminString (SIZE (0..20))	IP Address	A DisplayString Object that contains the IPV4 address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd SubnetMask	.1.1.6	R	SnmpAdminString (SIZE (0..16))	Subnet Mask	Object that contains the IPV4 subnet mask for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd GatewayAddr	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Gateway Address	An object containing the Gateway

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MEDIA-PROCESSOR STATUS					Address of the media processor board.
avCmStatusMedproBrd	.1.1.8	R	SnmpAdminString (SIZE (0..19))	MAC Address	Field that displays the MAC Address used by the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd EtherEnabled	.1.1.9	R	SnmpAdminString (SIZE (0..4))	Ethernet Enabled	A DisplayString Object that designates whether or not the IP interface is enabled (yes or no) for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus1	.1.1.10	R	SnmpAdminString (SIZE (0..36))	DSP 1 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus2	.1.1.11	R	SnmpAdminString (SIZE (0..36))	DSP 2 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus3	.1.1.12	R	SnmpAdminString (SIZE (0..36))	DSP 3 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus4	.1.1.13	R	SnmpAdminString (SIZE (0..36))	DSP 4 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd DupDSPChanStatus5	.1.1. 14	R	SnmpAdminString (SIZE (0..36))	DSP 5 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus6	.1.1. 15	R	SnmpAdminString (SIZE (0..36))	DSP 6 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus7	.1.1. 16	R	SnmpAdminString (SIZE (0..36))	DSP 7 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus8	.1.1. 17	R	SnmpAdminString (SIZE (0..36))	DSP 8 Channel Status	A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd NetworkRegion	.1.1. 18	R	SnmpAdminString (SIZE (0..5))	Network Region	A DisplayString Object that contains the network region for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupNetworkRegion	.1.1. 19	R	SnmpAdminString (SIZE (0..5))	Duplicate Network Region	A DisplayString Object that contains the alternate network region number for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd StandbyRefreshed	.1.1. 20	R	SnmpAdminString (SIZE (0..4))	Standby Refreshed	Object that indicates whether the standby board in a duplicated pair

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MEDIA-PROCESSOR STATUS					of media processor boards is in sync with the active board (yes or no).
avCmStatusMedproBrd SharedIP	.1.1.21	R	SnmpAdminString (SIZE (0..17))	Shared IP Address	Object that contains the shared virtual IP address between two duplicated media processor boards.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd SharedVirtMAC	.1.1.22	R	SnmpAdminString (SIZE (0..19))	Type	Object that contains the shared virtual MAC address between two duplicated media processor boards.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupBoardLoc	.1.1.23	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the location where the duplicate media processor resides.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupState	.1.1.24	R	SnmpAdminString (SIZE (0..8))	State	DisplayString Object that contains state of the duplicate media processor board (values can be 'active', 'standby' or 'init').
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupNodeName	.1.1.25	R	SnmpAdminString (SIZE (0..16))	Node Name	Object that contains the node name for the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupIpAddress	.1.1.26	R	SnmpAdminString (SIZE (0..20))	IP Address	A DisplayString Object that contains the IPV4 address for the duplicated media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupSubnetMask	.1.1.27	R	SnmpAdminString (SIZE (0..16))	Subnet Mask	Object that contains the IPV4 subnet mask for the duplicated media processor board.
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd DupGatewayAddr	.1.1. 28	R	SnmpAdminString (SIZE (0..17))	Gateway Address	An object containing the Gateway Address of the duplicated media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupMACAddress	.1.1. 29	R	SnmpAdminString (SIZE (0..19))	MAC Address	Field that displays the MAC Address used by the duplicated media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupEtherEnabled	.1.1. 30	R	SnmpAdminString (SIZE (0..4))	Ethernet Enabled	A DisplayString Object that designates whether or not the IP interface is enabled (yes or no) for the duplicatedmedia processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd LinkMPCL	.1.1. 31	R	SnmpAdminString (SIZE (0..3))	Link MPCL	Object that indicates the status of the Media Processor Control Link ('up' or 'dn') for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd LinkEth	.1.1. 32	R	SnmpAdminString (SIZE (0..3))	Link ETH	Object that indicates the status of the Ethernet Link ('up' or 'dn') for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd LinkPeer	.1.1. 33	R	SnmpAdminString (SIZE (0..3))	Link Peer	A DisplayString Object that indicates the status of the Peer Link ('up' or 'dn') for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd AlarmMaj	.1.1. 34	R	SnmpAdminString (SIZE (0..3))	Alarms MAJ	Object that indicates the number of major alarms active on the media processor board.
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd AlarmMin	.1.1. 35	R	SnmpAdminString (SIZE (0..3))	Alarms MIN	Object that indicates the number of minor alarms active on the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd AlarmWrn	.1.1. 36	R	SnmpAdminString (SIZE (0..3))	Alarms WRN	Object that indicates the number of warning active on the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupLinkMPCL	.1.1. 37	R	SnmpAdminString (SIZE (0..3))	Dup Link MPCL	Object that indicates the status of the Media Processor Control Link ('up' or 'dn') for the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupLinkEth	.1.1. 38	R	SnmpAdminString (SIZE (0..3))	Dup Link ETH	Object that indicates the status of the Ethernet Link ('up' or 'dn') for the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupLinkPeer	.1.1. 39	R	SnmpAdminString (SIZE (0..3))	Dup Link Peer	Object that indicates the status of the Peer Link ('up' or 'dn') for the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmMaj	.1.1. 40	R	SnmpAdminString (SIZE (0..3))	Dup Alarm MAJ	Object that indicates the number of major alarms active on the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmMin	.1.1. 41	R	SnmpAdminString (SIZE (0..3))	Dup Alarm MIN	Object that indicates the number of major alarms active on the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmWrn	.1.1. 42	R	SnmpAdminString (SIZE (0..3))	Alarm WRN	Object that indicates the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MEDIA-PROCESSOR STATUS					number of major alarms active on the duplicate media processor board.
avCmStatusMedproBrd Locked	.1.1.43	R	SnmpAdminString (SIZE (0..4))	Locked	Object that indicates whether the set medpro override and lock command argument is in use (yes or no).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IPV6Address	.1.1.44	R	SnmpAdminString (SIZE (0..45))	IPV6 Address	Object that contains the source IPV6 address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IPV6SubnetMask	.1.1.45	R	SnmpAdminString (SIZE (0..4))	IPV6 Subnet Mask	Object that contains the IPV6 subnet mask for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IPV6GatewayAddr	.1.1.46	R	SnmpAdminString (SIZE (0..41))	IPV6 Gateway Address	Object that contains the IPV6 gateway address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IPV6NodeName	.1.1.47	R	SnmpAdminString (SIZE (0..16))	IPV6 Node Name	The IPV6 Node Name associated with the ip-interface.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd IPV6EtherEnable	.1.1.48	R	SnmpAdminString (SIZE (0..4))	IPV6 Ethernet Enabled	The IPV6 Ethernet Enabled associated with the media processor.
MEDIA-PROCESSOR STATUS					

Sample output of forms

```

status media-processor board 01a03
                                MEDIA-PROCESSOR STATUS

Board Loc   Code      Vintage      MAC Address
01A03      TN2302AP   HW20 FW122    00:04:0d:6e:95:c5

                                IPV4 PARAMETERS
Ethernet Enabled? yes          Node Name: pr-1a03
IP Address/Mask: 10.129.136.54/23  Gateway Address: 10.129.136.1

Link Status: connected          Network Region: 3

                                Alarms
                                MAJ MIN WRN
                                0    0    0

                                DSP Channel Status
DSP 1: in-service/active, 16 calls
DSP 3: in-service/active, 16 calls
DSP 5: in-service/active, 16 calls
DSP 7: in-service/active, 14 calls

Command:

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibss/AVAYA-
AURA-CM-MIB.txt avCmStatusMedproBrd
avCmStatusMedproBrdBoardLoc."01A03" = STRING: 01A03
avCmStatusMedproBrdBoardLoc."01A04" = STRING: 01A04
avCmStatusMedproBrdBoardLoc."01A06" = STRING: 01A06
avCmStatusMedproBrdBoardLoc."01A14" = STRING: 01A14
avCmStatusMedproBrdState."01A03" = STRING:
avCmStatusMedproBrdState."01A04" = STRING:
avCmStatusMedproBrdState."01A06" = STRING: active
avCmStatusMedproBrdState."01A14" = STRING: active
avCmStatusMedproBrdNodeName."01A03" = STRING: pr-1a03
avCmStatusMedproBrdNodeName."01A04" = STRING: pr-1a04
avCmStatusMedproBrdNodeName."01A06" = STRING: xf-1a06
avCmStatusMedproBrdNodeName."01A14" = STRING: xf-1a14
avCmStatusMedproBrdIpAddress."01A03" = STRING: 10.129.136.54/23
avCmStatusMedproBrdIpAddress."01A04" = STRING: 10.129.136.55/23
avCmStatusMedproBrdIpAddress."01A06" = STRING: 10.129.136.53/23
avCmStatusMedproBrdIpAddress."01A14" = STRING: 10.129.136.52/23
avCmStatusMedproBrdSubnetMask."01A03" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A04" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A06" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A14" = STRING: /23
avCmStatusMedproBrdGatewayAddr."01A03" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A04" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A06" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A14" = STRING: 10.129.136.1
avCmStatusMedproBrdMACAddress."01A03" = STRING: 00:04:0d:6e:95:c5
avCmStatusMedproBrdMACAddress."01A04" = STRING: 00:04:0d:6e:98:3a
avCmStatusMedproBrdMACAddress."01A06" = STRING: 00:1b:4f:01:c7:f8
avCmStatusMedproBrdMACAddress."01A14" = STRING: 00:07:3b:90:41:95
avCmStatusMedproBrdEtherEnabled."01A03" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A04" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A06" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A14" = STRING: yes
avCmStatusMedproBrdDSPChanStatus1."01A03" = STRING: DSP 1: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus1."01A04" = STRING: DSP 1: in-service/idle

```



```

avCmStatusMedproBrdDSPChanStatus1."01A06" = STRING: DSP 1: in-service/active, 23 calls
avCmStatusMedproBrdDSPChanStatus1."01A14" = STRING: DSP 1: in-service/active, 25 calls
avCmStatusMedproBrdDSPChanStatus2."01A03" = STRING: DSP 3: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus2."01A04" = STRING: DSP 3: in-service/idle
avCmStatusMedproBrdDSPChanStatus2."01A06" = STRING: DSP 2: in-service/active, 22 calls
avCmStatusMedproBrdDSPChanStatus2."01A14" = STRING: DSP 2: in-service/active, 24 calls
avCmStatusMedproBrdDSPChanStatus3."01A03" = STRING: DSP 5: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus3."01A04" = STRING: DSP 5: in-service/idle
avCmStatusMedproBrdDSPChanStatus3."01A06" = STRING:
avCmStatusMedproBrdDSPChanStatus3."01A14" = STRING: DSP 3: in-service/active, 21 calls
avCmStatusMedproBrdDSPChanStatus4."01A03" = STRING: DSP 7: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus4."01A04" = STRING: DSP 7: in-service/idle
avCmStatusMedproBrdDSPChanStatus4."01A06" = STRING:
avCmStatusMedproBrdDSPChanStatus4."01A14" = STRING: DSP 4: in-service/active, 25 calls
avCmStatusMedproBrdDupDSPChanStatus5."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A14" = STRING:
avCmStatusMedproBrdNetworkRegion."01A03" = STRING: 3
avCmStatusMedproBrdNetworkRegion."01A04" = STRING: 4
avCmStatusMedproBrdNetworkRegion."01A06" = STRING: 1
avCmStatusMedproBrdNetworkRegion."01A14" = STRING: 2
avCmStatusMedproBrdDupNetworkRegion."01A03" = STRING: 3
avCmStatusMedproBrdDupNetworkRegion."01A04" = STRING: 4
avCmStatusMedproBrdDupNetworkRegion."01A06" = STRING: 1
avCmStatusMedproBrdDupNetworkRegion."01A14" = STRING: 2
avCmStatusMedproBrdStandbyRefreshed."01A03" = STRING:
avCmStatusMedproBrdStandbyRefreshed."01A04" = STRING:
avCmStatusMedproBrdStandbyRefreshed."01A06" = STRING: no
avCmStatusMedproBrdStandbyRefreshed."01A14" = STRING: no
avCmStatusMedproBrdSharedIP."01A03" = STRING:
avCmStatusMedproBrdSharedIP."01A04" = STRING:
avCmStatusMedproBrdSharedIP."01A06" = STRING:
avCmStatusMedproBrdSharedIP."01A14" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A03" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A04" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A06" = STRING: 00:00:00:00:00:00
avCmStatusMedproBrdSharedVirtMAC."01A14" = STRING: 00:00:00:00:00:00
avCmStatusMedproBrdDupBoardLoc."01A03" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A04" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A06" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A14" = STRING:
avCmStatusMedproBrdDupState."01A03" = STRING:
avCmStatusMedproBrdDupState."01A04" = STRING:
avCmStatusMedproBrdDupState."01A06" = STRING:
avCmStatusMedproBrdDupState."01A14" = STRING:
avCmStatusMedproBrdDupNodeName."01A03" = STRING:
avCmStatusMedproBrdDupNodeName."01A04" = STRING:
avCmStatusMedproBrdDupNodeName."01A06" = STRING:
avCmStatusMedproBrdDupNodeName."01A14" = STRING:
avCmStatusMedproBrdDupIpAddress."01A03" = STRING:
avCmStatusMedproBrdDupIpAddress."01A04" = STRING:
avCmStatusMedproBrdDupIpAddress."01A06" = STRING:

```



```

avCmStatusMedproBrdDupIpAddress."01A14" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A03" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A04" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A06" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A14" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A03" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A04" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A06" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A14" = STRING:
avCmStatusMedproBrdDupMACAddress."01A03" = STRING:
avCmStatusMedproBrdDupMACAddress."01A04" = STRING:
avCmStatusMedproBrdDupMACAddress."01A06" = STRING:
avCmStatusMedproBrdDupMACAddress."01A14" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A03" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A04" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A06" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A14" = STRING:
avCmStatusMedproBrdLinkMPCL."01A03" = STRING:
avCmStatusMedproBrdLinkMPCL."01A04" = STRING:
avCmStatusMedproBrdLinkMPCL."01A06" = STRING: up
avCmStatusMedproBrdLinkMPCL."01A14" = STRING: up
avCmStatusMedproBrdLinkEth."01A03" = STRING: ?
avCmStatusMedproBrdLinkEth."01A04" = STRING: ?
avCmStatusMedproBrdLinkEth."01A06" = STRING: up
avCmStatusMedproBrdLinkEth."01A14" = STRING: up
avCmStatusMedproBrdLinkPeer."01A03" = STRING:
avCmStatusMedproBrdLinkPeer."01A04" = STRING:
avCmStatusMedproBrdLinkPeer."01A06" = STRING: dn
avCmStatusMedproBrdLinkPeer."01A14" = STRING: dn
avCmStatusMedproBrdAlarmMaj."01A03" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A04" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A06" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A14" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A03" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A04" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A06" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A14" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A03" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A04" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A06" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A14" = STRING: 0
avCmStatusMedproBrdDupLinkMPCL."01A03" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A04" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A06" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A14" = STRING:
avCmStatusMedproBrdDupLinkEth."01A03" = STRING:
avCmStatusMedproBrdDupLinkEth."01A04" = STRING:
avCmStatusMedproBrdDupLinkEth."01A06" = STRING:
avCmStatusMedproBrdDupLinkEth."01A14" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A03" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A04" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A06" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A14" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A03" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A04" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A06" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A14" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A03" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A04" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A06" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A14" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A03" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A04" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A06" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A14" = STRING:

```

```

avCmStatusMedproBrdLocked."01A03" = STRING: no
avCmStatusMedproBrdLocked."01A04" = STRING: no
avCmStatusMedproBrdLocked."01A06" = STRING: no
avCmStatusMedproBrdLocked."01A14" = STRING: no
avCmStatusMedproBrdIPv6Address."01A03" = STRING:
avCmStatusMedproBrdIPv6Address."01A04" = STRING:
avCmStatusMedproBrdIPv6Address."01A06" = STRING:
avCmStatusMedproBrdIPv6Address."01A14" = STRING:
avCmStatusMedproBrdIPv6SubnetMask."01A03" = STRING:
avCmStatusMedproBrdIPv6SubnetMask."01A04" = STRING:
avCmStatusMedproBrdIPv6SubnetMask."01A06" = STRING:
avCmStatusMedproBrdIPv6SubnetMask."01A14" = STRING:
avCmStatusMedproBrdIPv6GatewayAddr."01A03" = STRING:
avCmStatusMedproBrdIPv6GatewayAddr."01A04" = STRING:
avCmStatusMedproBrdIPv6GatewayAddr."01A06" = STRING:
avCmStatusMedproBrdIPv6GatewayAddr."01A14" = STRING:
avCmStatusMedproBrdIPv6NodeName."01A03" = STRING:
avCmStatusMedproBrdIPv6NodeName."01A04" = STRING:
avCmStatusMedproBrdIPv6NodeName."01A06" = STRING:
avCmStatusMedproBrdIPv6NodeName."01A14" = STRING:
avCmStatusMedproBrdIPv6EtherEnable."01A03" = STRING: no
avCmStatusMedproBrdIPv6EtherEnable."01A04" = STRING: no
avCmStatusMedproBrdIPv6EtherEnable."01A06" = STRING: no
avCmStatusMedproBrdIPv6EtherEnable."01A14" = STRING: no

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIpServerIntf

MIB group name	OID	Type
avCmListIpServerIntf Group	enterprises.6889.2.73.8.1.93	Table

Description

The avCmListIpServerIntf MIB Group uses the **list ipserver-interface** command to retrieve all ip-interface data.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIpServerIntf Group	SAT	<code>list ipserver-interface</code>	IP SERVER INTERFACE INFORMATION

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpServerIntfTable	.1	n/a	AvCmListIpServerIntfEntry	n/a	A list of the avCmListIpServerIntf entries
avCmListIpServerIntfEntry	.1.1	n/a	AvCmListIpServerIntfEntry	n/a	A avCmListIpServerIntf entry containing objects of the avCmListIpServerIntf information sent by the switch.
avCmListIpServerIntfIndex	.1.1.1	n/a	Integer32 (0..999)	n/a	An object that uniquely identifies each Increment of data.
avCmListIpServerIntfPortNtwkNum	.1.1.2	R	Integer32 (0..999)	PortNtwkNum	An object containing the port network associated with the ipserver-interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPriBdLoc	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Pri Bd Loc	An object containing the location of the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP SERVER INTERFACE INFORMATION					primary IP SERVER INTFC board.
avCmListIpServerIntfPr imaryIPAddress	.1.1. 4	R	SnmpAdminString (SIZE (0..16))	Primary IP Address	An object containing the Primary IP Address.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPr imaryHostName	.1.1. 5	R	SnmpAdminString (SIZE (0..17))	Primary Host Name	An object containing the primary host name.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPr imaryDHCPID	.1.1. 6	R	SnmpAdminString (SIZE (0..10))	Primary DHCP ID	An object containing the DHCP ID.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfS ervState	.1.1. 7	R	SnmpAdminString (SIZE (0..4))	Serv State	An object containing the Service State of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfC ontrolState	.1.1. 8	R	SnmpAdminString (SIZE (0..8))	Control State	An object containing the Control State of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSt ateOfHealthCPEG	.1.1. 9	R	SnmpAdminString (SIZE (0..8))	State Of Health C P E G	An object containing the state of health of the IP SERVER
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfS econdaryBdLoc	.1.1. 10	R	SnmpAdminString (SIZE (0..6))	Sec Bd Loc	Field that displays the secondary board location.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfS econdaryIPAddress	.1.1. 11	R	SnmpAdminString (SIZE (0..16))	Secondary IP Address	Field that contains the secondary IP Address.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryHostName	.1.1.12	R	SnmpAdminString (SIZE (0..17))	Secondary Host Name	The Secondary Host Name of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryDHCPID	.1.1.13	R	SnmpAdminString (SIZE (0..10))	Secondary DHCP ID	The Secondary DHCP ID of the IP server interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryServState	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Secondary Serv State	An object containing the service state of the secondary ipserver interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryControlState	.1.1.15	R	SnmpAdminString (SIZE (0..8))	Secondary Control State	An object containing the control state of the secondary ipserver interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryStateOfHealth	.1.1.16	R	SnmpAdminString (SIZE (0..8))	Secondary State Of Health C P E G	An object containing the Secondary State of health.
IP SERVER INTERFACE INFORMATION					

Sample output of forms

```
list ipserver-interface

IP SERVER INTERFACE INFORMATION

Port Pri/  Primary/  Primary/  Primary/  Serv  Control  State Of
Ntwk Sec   Secondary Secondary Secondary Serv  State   Health
Num  Bd Loc  IP Address Host Name DHCP ID  State   C P E G
-----
1    1A01  10.129.136.50  10.129.136.50  ipsi-A01a  IN    actv-aa 0.0.0.0

Command successfully completed
Command: █
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmListIpServerIntf
avCmListIpServerIntfPortNtwkNum.1 = INTEGER: 1
avCmListIpServerIntfPriBdLoc.1 = STRING: 1A01
avCmListIpServerIntfPrimaryIPAddress.1 = STRING: 10.129.136.50
avCmListIpServerIntfPrimaryHostName.1 = STRING: 10.129.136.50
avCmListIpServerIntfPrimaryDHCPIP.1 = STRING: ipsi-A01a
avCmListIpServerIntfServState.1 = STRING: IN
avCmListIpServerIntfControlState.1 = STRING: actv-aa
avCmListIpServerIntfStateOfHealthCPEG.1 = STRING: 0.0.0.0
avCmListIpServerIntfSecondaryBdLoc.1 = STRING:
avCmListIpServerIntfSecondaryIPAddress.1 = STRING:
avCmListIpServerIntfSecondaryHostName.1 = STRING:
avCmListIpServerIntfSecondaryDHCPIP.1 = STRING:
avCmListIpServerIntfSecondaryServState.1 = STRING:
avCmListIpServerIntfSecondaryControlState.1 = STRING:
avCmListIpServerIntfSecondaryStateOfHealth.1 = STRING:
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusLink

MIB group name	OID	Type
avCmStatusLink Group	enterprises.6889.2.73.8.1.94	Table

Description

The avCmStatusLink MIB Group uses the **status link** command to retrieve link status data.

Releases Supported

6.3.100 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

No more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusLink Group	SAT	status link 1-254 or 'procr'	LINK/PORT STATUS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusLinkTable	.1	n/a	AvCmStatusLinkEntry	n/a	A list of the avCmStatusLink entries.
avCmStatusLinkTable	.1.1	n/a	AvCmStatusLinkEntry	n/a	An avCmStatusLink entry containing objects of the avCmStatusLink information sent by the switch.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusLinkIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each Increment of data.
	1				
avCmStatusLinkNum	.1.1.2	R	SnmpAdminString (SIZE (0..6))	Link Number	An object containing the link number.
	2				
	.1.1.3	R	SnmpAdminString (SIZE (0..26))	Link Status	An object containing the link state.
avCmStatusLinkStatus	3				
avCmStatusLinkType	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Type	An object containing the type of link.
	4				
avCmStatusLinkName	.1.1.5	R	SnmpAdminString (SIZE (0..29))	Link Name	An object containing the Link Name.
LINK/PORT STATUS	5				
avCmStatusLinkServicePortLoc	.1.1.6	R	SnmpAdminString (SIZE (0..17))	Service Port Location	An object containing the Service Port Location.
LINK/PORT STATUS	6				
avCmStatusLinkDataExt	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Service Port Data Extension	An object containing the Service Port Data Extension.
LINK/PORT STATUS	7				
avCmStatusLinkServiceState	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Service State	An object containing the Service State of the link.
LINK/PORT STATUS	8				
avCmStatusLinkNodeName	.1.1.9	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name associated with the link.
LINK/PORT STATUS	9				
avCmStatusLinkSourceIpAddress	.1.1.10	R	SnmpAdminString (SIZE (0..45))	Source IP Address	An object containing the Source IP Address.
LINK/PORT STATUS	10				
avCmStatusLinkBroadcastAddress	.1.1.11	R	SnmpAdminString (SIZE (0..41))	Broadcast Address	Field that displays the Broadcast Address.
LINK/PORT STATUS	11				
avCmStatusLinkPhysicalAddress	.1.1.12	R	SnmpAdminString (SIZE (0..18))	Physical Address	Field that contains the Physical Address.
LINK/PORT STATUS	12				
avCmStatusLinkEthernetEnabled	.1.1.13	R	SnmpAdminString (SIZE (0..4))	Enabled	An object containing whether the link is ethernet enabled.
LINK/PORT STATUS	13				

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusLinkEthMaintenanceBusy	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Maintenance Busy	An object containing whether the link is Maintenance Busy.
LINK/PORT STATUS					
avCmStatusLinkEthActiveChannels	.1.1.15	R	SnmpAdminString (SIZE (0..5))	Active Channels	An object containing the number of Active Channels associated with the link.
LINK/PORT STATUS					
avCmStatusLinkPPPEnabled	.1.1.16	R	SnmpAdminString (SIZE (0..4))	PPP Enabled	An object containing whether the link is PPP enabled.
LINK/PORT STATUS					
avCmStatusLinkPPPMaintenanceBusy	.1.1.17	R	SnmpAdminString (SIZE (0..4))	PPP Maintenance Busy	An object containing the link is PPP maintenance busy.
LINK/PORT STATUS					
avCmStatusLinkPPPActiveChannels	.1.1.18	R	SnmpAdminString (SIZE (0..5))	PPP Active Channels	An object containing the number of active channels associated with a PPP link.
LINK/PORT STATUS					
avCmStatusLinkAssociatedC-LANModem	.1.1.19	R	SnmpAdminString (SIZE (0..3))	Associated C-LAN Modem	An object containing the number of Associated C-LAN Modems for the link.
LINK/PORT STATUS					
avCmStatusLinkConnectSpeed	.1.1.20	R	SnmpAdminString (SIZE (0..8))	Connect speed	An object containing the Connect speed for the link.
LINK/PORT STATUS					
avCmStatusLinkV6Status	.1.1.21	R	SnmpAdminString (SIZE (0..26))	Link Status	An object containing the IPV6 link state.
LINK/PORT STATUS					
avCmStatusLinkV6Type	.1.1.22	R	SnmpAdminString (SIZE (0..16))	IPV6 Link Type	An object containing the IPV6 link type.
LINK/PORT STATUS					
avCmStatusLinkV6ServicePortLoc	.1.1.23	R	SnmpAdminString (SIZE (0..16))	IPV6 Service Port Location	An object containing the IPV6 Service Port Location.
LINK/PORT STATUS					
avCmStatusLinkV6NodeName	.1.1.24	R	SnmpAdminString (SIZE (0..16))	IPV6 Node Name	An object containing the IPV6 node name.
LINK/PORT STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusLinkV6SourceIpAddress	.1.1.25	R	SnmpAdminString (SIZE (0..45))	IPv6 Source IP Address	An object containing the Connect speed for the link.
LINK/PORT STATUS					
avCmStatusLinkV6BroadcastAddress	.1.1.26	R	SnmpAdminString (SIZE (0..41))	IPv6 Broadcast Address	An object containing the second broadcast address.
LINK/PORT STATUS					
avCmStatusLinkV6EthEnabled	.1.1.27	R	SnmpAdminString (SIZE (0..4))	IPv6 Enabled	An object containing the link is enabled.
LINK/PORT STATUS					
avCmStatusLinkV6EthMaintBusy	.1.1.28	R	SnmpAdminString (SIZE (0..4))	IPv6 Maintenance Busy	An object containing whether the link is Maintenance Busy.
LINK/PORT STATUS					
avCmStatusLinkV6EthActiveChannels	.1.1.29	R	SnmpAdminString (SIZE (0..5))	IPv6 Active Channels	An object containing the number of active Ethernet channels.
LINK/PORT STATUS					

Sample output of forms

status link 1 Page 1 of 5

LINK/PORT STATUS

Link Number: 1
 Link Status: connected
 Link Type: ethernet

 Service Port Location: 01A0217

 Service State: in-service/idle
 Node Name: kenny-clan
 Source IP Address: 172.28.8.66/24

 Broadcast Address: 172.28.8.255
 Physical Address: 00:04:0d:fe:d5:76
 Enabled? yes
 Maintenance Busy? no
 Active Channels: 0

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmStatusLink
avCmStatusLinkNum."1" = STRING: 1
avCmStatusLinkNum."2" = STRING: 2
avCmStatusLinkNum."procr" = STRING: procr
avCmStatusLinkStatus."1" = STRING: connected
avCmStatusLinkStatus."2" = STRING: connected
```

```

avCmStatusLinkStatus."procr" = STRING: inservice
avCmStatusLinkType."1" = STRING: ethernet
avCmStatusLinkType."2" = STRING: ethernet
avCmStatusLinkType."procr" = STRING: processor
avCmStatusLinkName."1" = STRING: n/a
avCmStatusLinkName."2" = STRING: n/a
avCmStatusLinkName."procr" = STRING: n/a
avCmStatusLinkServicePortLoc."1" = STRING: 01A0217
avCmStatusLinkServicePortLoc."2" = STRING: 01A0617
avCmStatusLinkServicePortLoc."procr" = STRING: eth0:0
avCmStatusLinkDataExt."1" = STRING: n/a
avCmStatusLinkDataExt."2" = STRING: n/a
avCmStatusLinkDataExt."procr" = STRING: n/a
avCmStatusLinkServiceState."1" = STRING: in-service/idle
avCmStatusLinkServiceState."2" = STRING: in-service/idle
avCmStatusLinkServiceState."procr" = STRING: in-service/idle
avCmStatusLinkNodeName."1" = STRING: kenny-clan
avCmStatusLinkNodeName."2" = STRING: kenny-clan2
avCmStatusLinkNodeName."procr" = STRING: procr
avCmStatusLinkSourceIpAddress."1" = STRING: 172.28.8.66/24
avCmStatusLinkSourceIpAddress."2" = STRING: 135.9.78.204/24
avCmStatusLinkSourceIpAddress."procr" = STRING: 10.129.178.77/24
avCmStatusLinkBroadcastAddress."1" = STRING: 172.28.8.255
avCmStatusLinkBroadcastAddress."2" = STRING: 135.9.78.255
avCmStatusLinkBroadcastAddress."procr" = STRING: 10.129.178.255
avCmStatusLinkPhysicalAddress."1" = STRING: 00:04:0d:fe:d5:76
avCmStatusLinkPhysicalAddress."2" = STRING: 00:04:0d:a0:59:d1
avCmStatusLinkPhysicalAddress."procr" = STRING: 00:04:0d:a0:59:d1
avCmStatusLinkEthEnabled."1" = STRING: yes
avCmStatusLinkEthEnabled."2" = STRING: yes
avCmStatusLinkEthEnabled."procr" = STRING: yes
avCmStatusLinkEthMaintBusy."1" = STRING: no
avCmStatusLinkEthMaintBusy."2" = STRING: no
avCmStatusLinkEthMaintBusy."procr" = STRING: no
avCmStatusLinkEthActiveChannels."1" = STRING: 0
avCmStatusLinkEthActiveChannels."2" = STRING: 0
avCmStatusLinkEthActiveChannels."procr" = STRING: 0
avCmStatusLinkPPPEEnabled."1" = STRING: yes
avCmStatusLinkPPPEEnabled."2" = STRING: yes
avCmStatusLinkPPPEEnabled."procr" = STRING: yes
avCmStatusLinkPPPMaintBusy."1" = STRING: no
avCmStatusLinkPPPMaintBusy."2" = STRING: no
avCmStatusLinkPPPMaintBusy."procr" = STRING: no
avCmStatusLinkPPPActiveChannels."1" = STRING: 0
avCmStatusLinkPPPActiveChannels."2" = STRING: 0
avCmStatusLinkPPPActiveChannels."procr" = STRING: 0
avCmStatusLinkAssocClanModem."1" = STRING: no
avCmStatusLinkAssocClanModem."2" = STRING: no
avCmStatusLinkAssocClanModem."procr" = STRING: no
avCmStatusLinkConnSpeed."1" = STRING:
avCmStatusLinkConnSpeed."2" = STRING:
avCmStatusLinkConnSpeed."procr" = STRING:
avCmStatusLinkV6Status."1" = STRING:
avCmStatusLinkV6Status."2" = STRING:
avCmStatusLinkV6Status."procr" = STRING:
avCmStatusLinkV6Type."1" = STRING:
avCmStatusLinkV6Type."2" = STRING:
avCmStatusLinkV6Type."procr" = STRING:
avCmStatusLinkV6ServicePortLoc."1" = STRING:
avCmStatusLinkV6ServicePortLoc."2" = STRING:
avCmStatusLinkV6ServicePortLoc."procr" = STRING:
avCmStatusLinkV6NodeName."1" = STRING:
avCmStatusLinkV6NodeName."2" = STRING:
avCmStatusLinkV6NodeName."procr" = STRING:
avCmStatusLinkV6SourceIpAddress."1" = STRING:

```

```

avCmStatusLinkV6SourceIpAddress."2" = STRING:
avCmStatusLinkV6SourceIpAddress."procr" = STRING:
avCmStatusLinkV6BroadcastAddress."1" = STRING:
avCmStatusLinkV6BroadcastAddress."2" = STRING:
avCmStatusLinkV6BroadcastAddress."procr" = STRING:
avCmStatusLinkV6EthEnabled."1" = STRING:
avCmStatusLinkV6EthEnabled."2" = STRING:
avCmStatusLinkV6EthEnabled."procr" = STRING:
avCmStatusLinkV6EthMaintBusy."1" = STRING:
avCmStatusLinkV6EthMaintBusy."2" = STRING:
avCmStatusLinkV6EthMaintBusy."procr" = STRING:
avCmStatusLinkV6EthActiveChannels."1" = STRING:
avCmStatusLinkV6EthActiveChannels."2" = STRING:
avCmStatusLinkV6EthActiveChannels."procr" = STRING:
init@kenny1>

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListIPNetRegMonitor

MIB group name	OID	Type
avCmListIPNetRegMonitor Group	enterprises.6889.2.73.8.1.95	Table

Description

The avCmListIPNetRegMonitor MIB Group uses the `list ip-network-region monitor` command to retrieve all network-region monitor related data.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Inventory and Configuration

Polling Interval

No more than once daily or when administration is changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListIPNetregMonitorGroup	SAT	<code>list ip-network-region monitor</code>	IP NETWORK REGIONS MONITOR

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIPNetRegMonitorTable	.1	n/a	AvCmListIPNetRegMonitorEntry	n/a	A list of the avCmListIPNetRegMonitor entries.
avCmListIPNetRegMonitorEntry	.1.1	n/a	AvCmListIPNetRegMonitorEntry	n/a	A avCmListIPNetRegMonitor entry containing objects of the avCmListIPNetRegMonitor information sent by the switch.
avCmListIPNetRegMonitorIdx	.1.1.1	R	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListIPNetRegMonitorRegion	.1.1.2	R	Integer32 (0..9999)	Region	An object containing the IP network region number.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorName	.1.1.3	R	SnmpAdminString (SIZE (0..21))	Name	An object containing the region name.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorPortNoIPv4	.1.1.4	R	Integer32 (0..9999)	Port No IPv4	An object containing the IPV4 port number.
IP NETWORK REGIONS MONITOR					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIPNetRegMonitorRTCPMonIPv4Addr	.1.1.5	R	SnmpAdminString (SIZE (0..17))	IPv4 Address	An object containing the RTCP Monitor IPv4 IP Address.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorServiceReportPer	.1.1.6	R	Integer32 (0..99)	Report Period	An object containing the Report Period.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorCodecSet	.1.1.7	R	SnmpAdminString (SIZE (0..5))	Codec Set	An object containing the codec set used by the region.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorUDPPortRangeMin	.1.1.8	R	Integer32 (0..99999)	UDP Port Range Min	An object containing the UDP port range minimum.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorPortNoIPv6	.1.1.9	R	Integer32 (0..99999)	UDP Port Range Max	An object containing the UDP Port Range Maximum.
IP NETWORK REGIONS MONITOR					
	.1.1.10	R	Integer32 (0..99999)	Port No IPv6	An object containing the IPV6 port number.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorRTCPMonIPv6Addr	.1.1.11	R	SnmpAdminString (SIZE (0..41))	IPv6 Address	Field that displays the IPV6 address.
IP NETWORK REGIONS MONITOR					

Sample output of forms

list ip-network-region monitor								
IP NETWORK REGIONS MONITOR								
Region	Name	Port No IPv4/ IPv6	RTCP Monitor IPv4 Address/ IPv6 Address	Report Period	Codec Set	UDP Port Min	Range Max	
1		5005		5	1	2048	3329	
2		5005		5	1	2048	3329	
3		5005		5	1	2048	3329	
4		5005		5	1	2048	3329	
5		5005		5	1	2048	3329	
6		5005		5	1	2048	3329	
7		5005		5	1	2048	3329	
press CANCEL to quit -- press NEXT PAGE to continue								
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg								

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmListIPNetRegMonitor
avCmListIPNetRegMonitorRegion.1 = INTEGER: 1
avCmListIPNetRegMonitorRegion.2 = INTEGER: 2
:
:
avCmListIPNetRegMonitorName.1 = STRING:
avCmListIPNetRegMonitorName.2 = STRING:
:
:
avCmListIPNetRegMonitorPortNoIPv4.1 = INTEGER: 5005
avCmListIPNetRegMonitorPortNoIPv4.2 = INTEGER: 5005
:
:
avCmListIPNetRegMonitorRTCPMonIPv4Addr.1 = STRING:
avCmListIPNetRegMonitorRTCPMonIPv4Addr.2 = STRING:
:
:
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecLstHr

MIB group name	OID	Type
avCmMeasToneRecLstHr Group	enterprises.6889.2.73.8.1.97	Table

Description

The avCmMeasToneRecLstHr MIB Group uses the **list measurements tone-receiver detail last-hour** command to retrieve tone receiver data from the last hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecLstHr Group	SAT	<code>list measurements tone-receiver detail last-hour</code>	TONE RECEIVER DETAIL MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLstHrTable	.1		AvCmMeasToneRecLstHrEntry	n/a	A list of the avCmMeasToneRecLstHr entries.
avCmMeasToneRecLstHrEntry	.1.1		AvCmMeasToneRecLstHrEntry	n/a	A avCmMeasToneRecLstHr entry containing objects of the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					avCmMeasToneRecLstHr information sent by the switch.
avCmMeasToneRecLstHrPnIdx	.1.1.1		Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmMeasToneRecLstHrPNNumber	.1.1.2		Integer32 (0..99)	PN	An object containing the Port Network number in which the tone receiver is located.
avCmMeasToneRecLstHrRunDate	.1.1.3		SnmpAdminString (SIZE (0..28))	Date	An object containing the Date the command was executed.
avCmMeasToneRecLstHrMeasHour	.1.1.4		Integer32 (0..9999)	Hour	An object containing the Hour the measurement was taken.
avCmMeasToneRecLstHrDTMFpReq	.1.1.5		Integer32 (0..99999)	DTMF PN Req	An object containing the number of DTMF requests within the PN.
avCmMeasToneRecLstHrDTMFpAlloc	.1.1.6		Integer32 (0..9999)	DTMF PN Alloc	An object containing the total number of DTMF receivers located in the listed PN that were allocated during the last hour.
avCmMeasToneRecLstHrDTMFpAlloc	.1.1.7		Integer32 (0..9999)	DTMF Peak Alloc	An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously.
avCmMeasToneRecLstHrDTMFTotOffPN	.1.1.8		Integer32 (0..9999)	DTMF Total Off-PN	An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLst HrDTMFpkOffPN	.1.1. 9		Integer32 (0..9999)	Peak Off-PN	An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrGPTDPnReq	.1.1. 10		Integer32 (0..99999)	GPTD PN Req	An object containing the number of GPTD requests within the PN.
avCmMeasToneRecLst HrGPTDPnAlloc	.1.1. 11	R	Integer32 (0..99999)	GPTD PN Alloc	An object containing the total number of GPTD receivers located in the listed PN that were allocated during the last hour.
avCmMeasToneRecLst HrGPTDPkAlloc	.1.1. 12		Integer32 (0..9999)	GPTD Peak Alloc	An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously.
avCmMeasToneRecLst HrGPTDTotOffPN	.1.1. 13		Integer32 (0..9999)	GPTD Total Off-PN	An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrGPTDPkOffPN	.1.1. 14		Integer32 (0..9999)	GPTD Peak Off-PN	An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN.
avCmMeasToneRecLst HrCCTTRPnReq	.1.1. 15		Integer32 (0..99999)	CC-TTR PN Req	An object containing the number of CC-TTR requests within the PN.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLst HrCCTTRPnAlloc	.1.1. 16		Integer32 (0..9999)	CC-TTR PN Alloc	An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the last hour.
avCmMeasToneRecLst HrCCTTRPkAlloc	.1.1. 17		Integer32 (0..9999)	CC-TTR Peak Alloc	An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously.
avCmMeasToneRecLst HrCCTTRTotOffPN	.1.1. 18		Integer32 (0..9999)	CC-TTR Total Off-PN	An object containing the total number of CC-TTR receivers allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrCCTTRPkOffPN	.1.1. 19		Integer32 (0..9999)	CC-TTR Peak Off-PN	An object containing the Peak number of CC-TTR receivers simultaneously allocated of a different PN for requests originated on this PN
avCmMeasToneRecLst HrCCCPTRPnReq	.1.1. 20		Integer32 (0..9999)	CC-CPTR PN Req	An object containing the number of CC-CPTR requests within the PN.
avCmMeasToneRecLst HrCCCPTRPnAlloc	.1.1. 21		Integer32 (0..9999)	CC-CPTR Peak Alloc	An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the last hour.
avCmMeasToneRecLst HrCCCPTRPkAlloc	.1.1. 22		Integer32 (0..9999)	CC-CPTR Peak Alloc	An object containing the peak number of CC-CPTR receivers located in the listed

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					PN that were in use simultaneously.
avCmMeasToneRecLst HrCCCPTRTotOffPN	.1.1. 23		Integer32 (0..9999)	CC-CPTR Total Off-PN	An object containing the total number of CC-CPTR receivers allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrCCCPTRPkOffPN	.1.1. 24		Integer32 (0..9999)	CC-CPTR Peak Off-PN	An object containing the Peak number of CC-CPTR receivers simultaneously allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrCCMFCRPnReq	.1.1. 25		Integer32 (0..9999)	CC-CPTR Peak Alloc	An object containing the number of CC-MFCR requests within the PN.
avCmMeasToneRecLst HrCCMFCRPnAlloc	.1.1. 26		Integer32 (0..9999)	CC-MFCR PN Alloc	An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the last hour.
avCmMeasToneRecLst Hr	.1.1. 27		Integer32 (0..9999)	CC-MFCR Peak Alloc	An object containing the peak number of CC-MFCR receivers located in the listed PN that were in use simultaneously.
avCmMeasToneRecLst HrCCMFCRTotOffPN	.1.1. 28		Integer32 (0..9999)	CC-MFCR Peak Off-PN	An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN.
avCmMeasToneRecLst HrCCMFCRPkOffPN	.1.1. 29		Integer32 (0..9999)	CC-MFCR Peak Off-PN	An object containing the Peak number of CC-MFCR receivers

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					simultaneously allocated of a different PN for requests originated on this PN.

Sample output of forms

```
list measurements tone-receiver detail last-hour
```

Switch Name: Date: 4:29 am MON JUN 1, 2015

TONE RECEIVER DETAIL MEASUREMENTS

Hour	PN	Type	PN Req	PN Alloc	Peak Alloc	Total Off-PN	Peak Off-PN
300	1	DTMF	0	0	0	0	0
300	1	GPTD	0	0	0	0	0
300	1	CC-TTR	0	0	0	0	0
300	1	CC-CPTR	0	0	0	0	0
300	1	CC-MFCR	0	0	0	0	0

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecLstHr
avCmMeasToneRecLstHrPNNNumber.1 = INTEGER: 1
avCmMeasToneRecLstHrRunDate.1 = STRING: 4:21 am MON JUN 1, 2015
avCmMeasToneRecLstHrMeasHour.1 = INTEGER: 300
avCmMeasToneRecLstHrDTMFPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTTRPkOffPN.1 = INTEGER: 0
```

```

avCmMeasToneRecLstHrCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPNReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPNAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPNPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPNPkOffPN.1 = INTEGER:

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecToday

MIB group name	OID	Type
avCmMeasToneRecToday Group	enterprises.6889.2.73.8.1.98	Table

Description

The avCmMeasToneRecToday Group MIB Group uses the **list measurements tone-receiver detail today** command to retrieve peak hour tone-receiver data for today.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecToday Group	SAT	list measurements tone-receiver detail yesterday	TONE RECEIVER DETAIL MEASUREMENTS.

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecTo dayTable	.1	n/a	SEQUENCE OF avCmMeasToneRecTodayEntry	n/a	A list of the avCmMeasToneRecToday entries
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayEntry	.1.1	n/a	avCmMeasToneRecTodayEntry	n/a	A avCmMeasToneRecTodayentry containing objects of the avCmMeasToneRecToday information sent by the switch.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayPnIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayGPTDPkAlloc	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number in which the tone receiver is located.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayRunDate	.1.1.3	R	SnmpAdminString(SIZE(0..28))	Date	An object containing the Date the command was executed.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayMeasHour	.1.1.4	R	Integer32 (0..9999)	Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecTo dayDTMFpReq	.1.1. 5	R	Integer32 (0..99999)	DTMF PN Req	An object containing the number of DTMF requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFpAlloc	.1.1. 6	R	Integer32 (0..99999)	DTMF PIN Alloc	An object containing the total number of DTMF receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFpAlloc	.1.1. 7	R	Integer32 (0..9999)	DTMF Peak Alloc	An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFTotOffPN	.1.1. 8	R	Integer32 (0..9999)	DTMF Total Off-PN	An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFPkOffPN	.1.1. 9	R	Integer32 (0..9999)	Peak Off-PN	An object containing the peak number of DTMF receivers simultaneously allocated on a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayGPTDPnReq	.1.1. 10	R	Integer32 (0..9999)	GPTD PN Alloc	An object containing the number of GPTD requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayGPTDPnAlloc	.1.1. 11	R	Integer32 (0..99999)	GPTD PN Alloc	An object containing the total number of GPTD receivers located in the listed PN that were

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					allocated during the listed hour.
avCmMeasToneRecTo dayGPTDPkAlloc	.1.1. 12	R	Integer32 (0..9999)	GPTD Peak Alloc	An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayGPTDTotOffPN	.1.1. 13	R	Integer32 (0..99999)	GPTD Total Off-PN	An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayGPTDPkOffPN	.1.1. 14	R	Integer32 (0..99999)	GPTD Peak Off-PN	An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRPnReq	.1.1. 15	R	Integer32 (0..9999)	CC-TTR PN Req	An object containing the number of CC- TTR requests within the PN..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRPnAlloc	.1.1. 16	R	Integer32 (0..99999)	CC-TTR PN Alloc	An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRPkAlloc	.1.1. 17	R	Integer32 (0..9999)	CC-TTR Peak Alloc	An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRTotOffPN	.1.1. 18	R	Integer32 (0..9999)	CC-TTR Total Off- PN	An object containing the total number of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					CC-TTR receivers allocated of a different PN for requests originated on this PN.
avavCmMeasToneRecTodayCCTTRPkJOffPN	.1.1.19	R	Integer32 (0..9999)	CC-TTR Peak Off-PN	An object containing the Peak number of CC-TTR receivers simultaneously allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPnReq	.1.1.20	R	Integer32 (0..99999)	CC-CPTR PN Req	An object containing the number of CC-CPTR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPnAlloc	.1.1.21	R	Integer32 (0..99999)	CC-CPTR PN Alloc	An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the listed hour..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPkAlloc	.1.1.22	R	Integer32 (0..99999)	CC-CPTR Peak Alloc	An object containing the peak number of CC-CPTR receivers located in the listed PN that were in use simultaneously..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRTotOffPN	.1.1.23	R	Integer32 (0..9999)	CC-CPTR Total Off-PN	An object containing the total number of CC-CPTR receivers allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPkOffPN	.1.1.24	R	Integer32 (0..9999)	CC-CPTR Peak Off-PN	An object containing the Peak number of CC-CPTR receivers simultaneously allocated of a different PN for

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					requests originated on this PN.
avCmMeasToneRecTo dayCCMFCRPnReq	.1.1. 25	R	Integer32 (0..99999)	CC-MFCR PN Req	An object containing the number of CC-MFCR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
=aavCmMeasToneRec TodayCCMFCRPnAllo c	.1.1. 26	R	Integer32 (0..99999)	CC-MFCR PN Alloc	An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRPkAlloc	.1.1. 27	R	Integer32 (0..9999)	CC-MFCR Peak Alloc	An object containing the peak number of CC-MFCR receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRTotOffPN	.1.1. 28	R	Integer32 (0..9999)	CC-MFCR Total Off- PN	An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRPkOffPN	.1.1. 29	R	Integer32 (0..9999)	CC-MFCR Peak Off-PN	An object containing the Peak number of CC-MFCR receivers simultaneously allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					

Sample output of forms

```
list measurements tone-receiver detail yesterday-peak

Switch Name:                               Date: 4:38 am  MON JUN 1, 2015

                                TONE RECEIVER DETAIL MEASUREMENTS

    Hour  PN   Type      PN      PN      Peak      Total      Peak
          PN   Type      Req     Alloc   Alloc   Off-PN    Off-PN

    2300   1   DTMF        0        0        0         0         0
    2300   1   GPTD        0        0        0         0         0
    2300   1   CC-TTR       0        0        0         0         0
    2300   1   CC-CPTR      0        0        0         0         0
    2300   1   CC-MFCR      0        0        0         0         0

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecToday
avCmMeasToneRecTodayPNNNumber.1 = INTEGER: 1
avCmMeasToneRecTodayRunDate.1 = STRING: 4:34 am MON JUN 1, 2015
avCmMeasToneRecTodayMeasHour.1 = INTEGER: 2300
avCmMeasToneRecTodayDTMFPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPkOffPN.1 = INTEGER: 0
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecYest

MIB group name	OID	Type
avCmMeasToneRecYest Group	enterprises.6889.2.73.8.1.102	Scalar

Description

The avCmMeasToneRecYest Group MIB Group uses the `list measurements tone-receiver detail yesterday` command to retrieve peak hour tone-receiver data for yesterday.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once a daily because the data is only updated the beginning of the day after midnight.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecYest Group	SAT	list measurements tone-receiver detail yesterday	TONE RECEIVER DETAIL MEASUREMENTS.

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecYestTable	.1	n/a	SEQUENCE OF AvCmMeasToneRecYestEntry)	n/a	A list of the avCmMeasToneRecYest entries
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestEntry	.1.1	n/a	AvCmMeasToneRecYestEntry	n/a	A avCmMeasToneRecYest entry containing objects of the avCmMeasToneRecYest information sent by the switch.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestPnIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPkAlloc	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number in which the tone receiver is located.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestRunDate	.1.1.3	R	SnmpAdminString(SIZE(0..28))	Date	An object containing the Date the command was executed.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFpnReq	.1.1.5	R	Integer32 (0..99999)	DTMF PN Req	An object containing the number of DTMF requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFpnAlloc	.1.1.6	R	Integer32 (0..99999)	DTMF PIN Alloc	An object containing the total number

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					of DTMF receivers located in the listed PN that were allocated during the listed hour.
avCmMeasToneRecYestDTMFPkAlloc	.1.1.7	R	Integer32 (0..9999)	DTMF Peak Alloc	An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFTotOffPN	.1.1.8	R	Integer32 (0..9999)	DTMF Total Off-PN	An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFPkOffPN	.1.1.9	R	Integer32 (0..9999)	Peak Off-PN	An object containing the peak number of DTMF receivers simultaneously allocated on a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPnReq	.1.1.10	R	Integer32 (0..9999)	GPTD PN Alloc	An object containing the number of GPTD requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPnAlloc	.1.1.11	R	Integer32 (0..9999)	GPTD PN Alloc	An object containing the total number of GPTD receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPkAlloc	.1.1.12	R	Integer32 (0..9999)	GPTD Peak Alloc	An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecYestGPTDTotOffPN	.1.1.13	R	Integer32 (0..99999)	GPTD Total Off-PN	An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPkOffPN	.1.1.14	R	Integer32 (0..99999)	GPTD Peak Off-PN	An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPnReq	.1.1.15	R	Integer32 (0..9999)	CC-TTR PN Req	An object containing the number of CC-TTR requests within the PN..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPnAlloc	.1.1.16	R	Integer32 (0..99999)	CC-TTR PN Alloc	An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPkAlloc	.1.1.17	R	Integer32 (0..9999)	CC-TTR Peak Alloc	An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRTotOffPN	.1.1.18	R	Integer32 (0..9999)	CC-TTR Total Off-PN	An object containing the total number of CC-TTR receivers allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avavCmMeasToneRecYestCCTTRPkOffPN	.1.1.19	R	Integer32 (0..9999)	CC-TTR Peak Off-PN	An object containing the Peak number of CC-TTR receivers simultaneously

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					allocated of a different PN for requests originated on this PN.
avCmMeasToneRecYe stCCCPTRPnReq	.1.1. 20	R	Integer32 (0..99999)	CC-CPTR PN Req	An object containing the number of CC-CPTR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPnAlloc	.1.1. 21	R	Integer32 (0..99999)	CC-CPTR PN Alloc	An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the listed hour...
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPkAlloc	.1.1. 22	R	Integer32 (0..99999)	CC-CPTR Peak Alloc	An object containing the peak number of CC-CPTR receivers located in the listed PN that were in use simultaneously..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRTotOffPN	.1.1. 23	R	Integer32 (0..9999)	CC-CPTR Total Off- PN	An object containing the total number of CC- CPTR receivers allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPkOffPN	.1.1. 24	R	Integer32 (0..9999)	CC-CPTR Peak Off- PN	An object containing the Peak number of CC- CPTR receivers simultaneously allocated of a different PN for requests originated on this PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCMFCRPnReq	.1.1. 25	R	Integer32 (0..99999)	CC-MFCR PN Req	An object containing the number of CC- MFCR requests within the PN.

Table continues...

TONE RECEIVER DETAIL MEASUREMENTS.					
=aavCmMeasToneRecYestCCMFCRPNAlloc	.1.1.26	R	Integer32 (0..99999)	CC-MFCR PN Alloc	An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the listed hour.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRPNkAlloc	.1.1.27	R	Integer32 (0..9999)	CC-MFCR Peak Alloc	An object containing the peak number of CC-MFCR receivers located in the listed PN that were in use simultaneously.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRTotOffPN	.1.1.28	R	Integer32 (0..9999)	CC-MFCR Total Off-PN	An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRPNkOffPN	.1.1.29	R	Integer32 (0..9999)	CC-MFCR Peak Off-PN	An object containing the Peak number of CC-MFCR receivers simultaneously allocated of a different PN for requests originated on this PN
TONE RECEIVER DETAIL MEASUREMENTS.					

Sample output of forms

```
list measurements tone-receiver detail yesterday-peak

Switch Name:                               Date: 4:38 am  MON JUN 1, 2015

                                TONE RECEIVER DETAIL MEASUREMENTS

    Hour  PN   Type      PN      PN      Peak      Total      Peak
          PN   Type      Req     Alloc   Alloc   Off-PN    Off-PN

    2300   1   DTMF        0        0        0         0         0
    2300   1   GPTD        0        0        0         0         0
    2300   1   CC-TTR       0        0        0         0         0
    2300   1   CC-CPTR      0        0        0         0         0
    2300   1   CC-MFCR      0        0        0         0         0

Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecYest
avCmMeasToneRecYestPnNumber.1 = INTEGER: 1
avCmMeasToneRecYestRunDate.1 = STRING: 4:34 am MON JUN 1, 2015
avCmMeasToneRecYestMeasHour.1 = INTEGER: 2300
avCmMeasToneRecYestDTMFpPnReq.1 = INTEGER: 0
avCmMeasToneRecYestDTMFpPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestDTMFpPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestDTMFpPnOffPN.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnOffPN.1 = INTEGER: 0
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecSumLstHr

MIB group name	OID	Type
avCmMeasToneRecSumLstHr	enterprises.6889.2.73.8.1.100	Scalar

Description

The avCmMeasToneRecSumLstHr MIB Group uses the `list measurements tone-receiver summary last-hour` command to retrieve tone-receiver data from the listed hour..

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecSumLstHr Group	SAT	list measurements tone-receiver summary last-hour	TONE RECEIVER SUMMARY MEASUREMENTS.

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumLstHrRunDate	.1	R	SnmpAdminString (0..28)	Date	An object containing the Date the command was executed.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrMeasHour	.2	R	Integer32 (0..99999)	Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFHour	.3	R	Integer32 (0..99999)	DTMF Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFTReq	.4	R	Integer32 (0..99999)	DTMF Total Request	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFPReq	.5	R	Integer32 (0..99999)	DTMF Peak Request	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFTQueued	.6	R	Integer32 (0..99999)	DTMF Total Queued	An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumLstHrDTMFPQueued	.7	R	SInteger32 (0..99999)	DTMF Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFTDenied	.8	R	Integer32 (0..99999)	DTMF Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFPDenied	.9	R	Integer32 (0..99999)	DTMF Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDTReq	.11	R	Integer32 (0..99999)	GPTD Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDPRreq	.12	R	Integer32 (0..99999)	GPTD Peak Req	An object containing the system-wide peak number

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
avCmMeasToneRecSumLstHrGPTDDenied	.13	R	Integer32 (0..99999)	GPTD Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDPDenied	.14	R	Integer32 (0..99999)	GPTD Peak Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumLstHrCCTTRReq	.16	R	Integer32 (0..99999)	CC-TTR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumLstHrCCTTRReq	.17	R	Integer32 (0..99999)	CC-TTR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					type that occurred at any one time over the measurement interval.
avCmMeasToneRecSumLstHrCCTTRTQueued	.18	R	Integer32 (0..99999)	CC-TTR Total Queued	An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRPQueued	.19	R	Integer32 (0..99999)	CC-TTR Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRTDenied	.20	R	Integer32 (0..99999)	CC-TTR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRPDenied	.21	R	Integer32 (0..99999)	CC-TTR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRTRReq	.23	R	Integer32 (0..99999)	CC-CPTR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRPRReq	.24	R	Integer32 (0..99999)	CC-CPTR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRTDenied	.25	R	Integer32 (0..99999)	CC-CPTR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRPDenied	.26	R	Integer32 (0..99999)	CC-CPTR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRHour	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour

Table continues...

TONE RECEIVER SUMMARY MEASUREMENTS					the measurement was taken.
avCmMeasToneRecSumLstHrCCMFCRTReq	.28	R	Integer32 (0..99999)	CC-MFCR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRPREq	.29	R	Integer32 (0..99999)	CC-MFCR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRTDenied	.30	R	Integer32 (0..99999)	CC-MFCR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRPDenied	.31	R	Integer32 (0..99999)	CC-MFCR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMRPTTAvail	.32	R	Integer32 (0..99999)	DTMR-PT Total Avail	An object containing the number of ports

Table continues...

TONE RECEIVER SUMMARY MEASUREMENTS					available for the type of tone receiver.
avCmMeasToneRecSumLstHrGPTDPTTAvail	.33	R	Integer32 (0..99999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCLASPTTAvail	.34	R	Integer32 (0..99999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrETRPTTAvail	.35	R	Integer32 (0..99999)	ETR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

Sample output of forms

```
list measurements tone-receiver summary last-hour
```

Switch Name:		Date: 4:41 am MON JUN 1, 2015					
TONE RECEIVER SUMMARY MEASUREMENTS							
Hour	Meas Type	Total Req	Peak Req	Total Queued	Peak Queued	Total Denied	Peak Denied
300	DTMF	0	0	0	0	0	0
300	GPTD	0	0			0	0
300	CC-TTR	0	0	0	0	0	0
300	CC-CPTR	0	0			0	0
300	CC-MFCR	0	0			0	0
	TR Type	Total Avail		Capabilities			
	DTMR-PT	0		DTMF			
	GPTD-PT	0		GPTD			
	CLAS-PT	0		DTMF, CC-TTR, CC-CPTR, MFCR			
	ETR-PT	8		DTMF, CC-TTR, CC-CPTR, MFCR, GPTD			

```
Command successfully completed
Command: 
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmMeasToneRecSumLstHr
avCmMeasToneRecSumLstHrRunDate.0 = STRING: 4:38 am MON JUN 1, 2015
avCmMeasToneRecSumLstHrMeasHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrDTMFHour.0 = INTEGER: 300
```

```

avCmMeasToneRecSumLstHrDTMFTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPreReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPreQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPreDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrGPTDTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPreReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPreDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPreReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPreQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPreDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCCPTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRPreReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRPreDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCMFCRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRPreReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRPreDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrETRPTTAvail.0 = INTEGER: 8

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecSumToday

MIB group name	OID	Type
avCmMeasToneRecSumToday Group	enterprises.6889.2.73.8.1.101	Scalar

Description

The avCmMeasToneRecSumToday MIB Group uses the **list measurements tone-receiver summary today** command to retrieve tone-receiver data from the listed hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecSum Today Group	SAT	list measurements tone- receiver summary today	TONE RECEIVER SUMMARY MEASUREMENTS.

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumTodayRunDate	.1	R	SnmpAdminString (0..28)	Date	An object containing the Date the command was executed.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayMeasHour	.2	R	Integer32 (0..99999)	Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFHour	.3	R	Integer32 (0..99999)	DTMF Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumTodayDTMFTReq	.4	R	Integer32 (0..99999)	DTMF Total Request	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFPReq	.5	R	Integer32 (0..99999)	DTMF Peak Request	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFQueue d	.6	R	Integer32 (0..99999)	DTMF Total Queued	An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFPQueue d	.7	R	SInteger32 (0..99)))	DTMF Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFDenied	.8	R	Integer32 (0..9999)	DTMF Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumTodayDTMFPDenied	.9	R	Integer32 (0..9999)	DTMF Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDTReq	.11	R	Integer32 (0..99999)	GPTD Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPReq	.12	R	Integer32 (0..99999)	GPTD Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDTRDenied	.13	R	Integer32 (0..99999)	GPTD Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPDenied	.14	R	Integer32 (0..99999)	GPTD Peak Denied	An object containing the system-wide

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					total number of requests that were denied because no receivers of this type were available during the measurement hour.
avCmMeasToneRecSumTodayCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumTodayCCTTRReq	.16	R	Integer32 (0..99999)	CC-TTR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumTodayCCTTRReq	.17	R	Integer32 (0..99999)	CC-TTR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRTQueued	.18	R	Integer32 (0..99999)	CC-TTR Total Queued	An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRPQueued	.19	R	Integer32 (0..99999)	CC-TTR Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					hour for tone receivers of this type.
avCmMeasToneRecSumTodayCCTTRTDenied	.20	R	Integer32 (0..99999)	CC-TTR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRPDenied	.21	R	Integer32 (0..99999)	CC-TTR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRReq	.23	R	Integer32 (0..99999)	CC-CPTR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRPReq	.24	R	Integer32 (0..99999)	CC-CPTR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					the measurement interval.
avCmMeasToneRecSumTodayCCCPTRTDenied	.25	R	Integer32 (0..99999)	CC-CPTR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRPDenied	.26	R	Integer32 (0..99999)	CC-CPTR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRHour	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRTRReq	.28	R	Integer32 (0..99999)	CC-MFCR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRPRReq	.29	R	Integer32 (0..99999)	CC-MFCR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that

Table continues...

TONE RECEIVER SUMMARY MEASUREMENTS					occurred at any one time over the measurement interval.
avCmMeasToneRecSumTodayCCMFCRTDenied	.30	R	Integer32 (0..9999)	CC-MFCR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRPDenied	.31	R	Integer32 (0..9999)	CC-MFCR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMRPTTAvail	.32	R	Integer32 (0..999)	DTMR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPTTAvail	.33	R	Integer32 (0..999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCLASPTTAvail	.34	R	Integer32 (0..999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayETRPTTAvail	.35	R	Integer32 (0..999)	ETR-PT Total Avail	An object containing the number of ports available for the

Table continues...

TONE RECEIVER SUMMARY MEASUREMENTS					type of tone receiver.

Sample output of forms

```
list measurements tone-receiver detail today-peak
```

Switch Name:			Date: 4:33 am MON JUN 1, 2015					
TONE RECEIVER DETAIL MEASUREMENTS								
Hour	PN	Type	PN Req	PN Alloc	Peak Alloc	Total Off-PN	Peak Off-PN	
300	1	DTMF	0	0	0	0	0	
300	1	GPTD	0	0	0	0	0	
300	1	CC-TTR	0	0	0	0	0	
300	1	CC-CPTR	0	0	0	0	0	
300	1	CC-MFCR	0	0	0	0	0	

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecSumToday
avCmMeasToneRecSumTodayRunDate.0 = STRING: 4:41 am MON JUN 1, 2015
avCmMeasToneRecSumTodayMeasHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayDTMFHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayDTMFTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFPreq.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayGPTDTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPreq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayCCTTRTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRPreq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCCPTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayCCMFCRTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRPreq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPTTAvail.0 = INTEGER: 0
```

```
avCmMeasToneRecSumTodayCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumTodayETRPTTAvail.0 = INTEGER: 8
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasToneRecSumYest

MIB group name	OID	Type
avCmMeasToneRecSumYest Group	enterprises.6889.2.73.8.1.102	Scalar

Description

The avCmMeasToneRecSumYest MIB Group uses the "list measurements tone-receiver summary yesterday" command to retrieve tone-receiver data from the listed hour.

Releases Supported

6.3.100 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once daily because the data is only updated at midnight.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasToneRecSumYest Group	SAT	list measurements tone-receiver summary yesterday	TONE RECEIVER SUMMARY MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumYestRunDate	.1	R	SnmpAdminString (0..28)	Date	An object containing the Date the command was executed.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestMeasHour	.2	R	Integer32 (0..99999)	Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFHour	.3	R	Integer32 (0..99999)	DTMF Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFTReq	.4	R	Integer32 (0..99999)	DTMF Total Request	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFPreReq	.5	R	Integer32 (0..99999)	DTMF Peak Request	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFTQueued	.6	R	Integer32 (0..99999)	DTMF Total Queued	An object containing the system-wide total number of requests queued for tone receivers of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					this type during the measurement interval.
avCmMeasToneRecSumYestDTMFPQueued	.7	R	Integer32 (0..99)))	DTMF Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFTDenied	.8	R	Integer32 (0..9999)	DTMF Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFPDenied	.9	R	Integer32 (0..9999)	DTMF Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDTReq	.11	R	Integer32 (0..99999)	GPTD Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumYestGPTDPRReq	.12	R	Integer32 (0..99999)	GPTD Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDTPDenied	.13	R	Integer32 (0..99999)	GPTD Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDTPDenied	.14	R	Integer32 (0..99999)	GPTD Peak Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumYestCCTTRReq	.16	R	Integer32 (0..99999)	CC-TTR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumYestCCTTRReq	.17	R	Integer32 (0..99999)	CC-TTR Peak Req	An object containing the system-wide

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
avCmMeasToneRecSumYestCCTTRTQueued	.18	R	Integer32 (0..99999)	CC-TTR Total Queued	An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRPQueued	.19	R	Integer32 (0..99999)	CC-TTR Peak Queued	An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRTDenied	.20	R	Integer32 (0..99999)	CC-TTR Total Denied	A An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRPDenied	.21	R	Integer32 (0..99999)	CC-TTR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					available during the measurement hour.
avCmMeasToneRecSumYestCCCPTTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRReq	.23	R	Integer32 (0..99999)	CC-CPTR Total Req	An An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRPReq	.24	R	Integer32 (0..99999)	CC-CPTR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRDenied	.25	R	Integer32 (0..99999)	CC-CPTR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRPDenied	.26	R	Integer32 (0..99999)	CC-CPTR Peak Denied	AAAn object containing the system-wide peak number of requests that were denied at any one time because no receivers of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					this type were available during the measurement hour.
avCmMeasToneRecSumYestCCMFCRHour	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRTRReq	.28	R	Integer32 (0..99999)	CC-MFCR Total Req	An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRPREq	.29	R	Integer32 (0..99999)	CC-MFCR Peak Req	An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRTRDenied	.30	R	Integer32 (0..9999)	CC-MFCR Total Denied	An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRPRDenied	.31	R	Integer32 (0..9999)	CC-MFCR Peak Denied	An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					available during the measurement hour.
avCmMeasToneRecSumYestDTMRPTTAvail	.32	R	Integer32 (0..999)	DTMR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDPTTAvail	.33	R	Integer32 (0..999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCLASPTTAvail	.34	R	Integer32 (0..999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestETRPTTAvail	.35	R	Integer32 (0..999)	ETR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

Sample output of forms

```
list measurements tone-receiver summary yesterday-peak
```

Switch Name:				Date: 4:50 am MON JUN 1, 2015			
TONE RECEIVER SUMMARY MEASUREMENTS							
Hour	Meas Type	Total Req	Peak Req	Total Queued	Peak Queued	Total Denied	Peak Denied
2300	DTMF	0	0	0	0	0	0
2300	GPTD	0	0			0	0
2300	CC-TTR	0	0	0	0	0	0
2300	CC-CPTR	0	0			0	0
2300	CC-MFCR	0	0			0	0
	TR Type	Total Avail		Capabilities			
	DTMR-PT	0		DTMF			
	GPTD-PT	0		GPTD			
	CLAS-PT	0		DTMF,CC-TTR,CC-CPTR,MFCR			
	ETR-PT	8		DTMF,CC-TTR,CC-CPTR,MFCR,GPTD			

```
Command successfully completed
Command:
```

Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecSumYest
avCmMeasToneRecSumYestRunDate.0 = STRING: 4:46 am MON JUN 1, 2015
avCmMeasToneRecSumYestMeasHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestDTMFHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestDTMFTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFPreReq.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestGPTDTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPreReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPreReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCMFCRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRPreReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestETRPTTAvail.0 = INTEGER: 8
```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmSysParamCust

MIB group name	OID	Type
avCmSysParamCust Group	enterprises.6889.2.73.8.1.103	Scalar

Description

The avCmSysParamCust MIB Group uses the **display system-parameters customer-options** command to retrieve customer options data indicating whether a small selection of features is activated.

Releases Supported

6.3.100 and later

Polling Type

Configuration

Inventory and Configuration

Polling Interval

No more than once daily.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmSysParamCustGroup	SAT	<code>display system-parameters customer-options</code>	OPTIONAL FEATURES

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmSysParamCustPlatform	.1	R	SnmpAdminString (SIZE (0..6))	Platform	An object containing the platform of the server.
OPTIONAL FEATURES					
avCmSysParamCustEnterprise	.2	R	SnmpAdminString (SIZE (0..2))	Enterprise Survivable Server	An object containing whether the Enterprise Survivable Server feature is enabled.
OPTIONAL FEATURES					
avCmSysParamCustLocalProcessor	.3	R	SnmpAdminString (SIZE (0..2))	Local Survivable Processor	An object containing whether the Local Survivable

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
OPTIONAL FEATURES					Processor feature is enabled.
avCmSysParamCustTenantPart	.4	R	SnmpAdminString (SIZE (0..2))	Tenant Partitioning	An object containing whether the Tenant Partitioning feature is enabled.
OPTIONAL FEATURES					
avCmSysParamCustPortNetSup	.5	R	SnmpAdminString (SIZE (0..2))	Port Network Support	An object containing whether the Port Network Support feature is enabled.
OPTIONAL FEATURES					

Sample output of forms

```

display system-parameters customer-options                                     Page 4 of 12
OPTIONAL FEATURES

Abbreviated Dialing Enhanced List? y      Audible Message Waiting? y
Access Security Gateway (ASG)? n          Authorization Codes? y
Analog Trunk Incoming Call ID? y          CAS Branch? n
A/D Grp/Sys List Dialing Start at 01? y   CAS Main? n
Answer Supervision by Call Classifier? y   Change COR by FAC? n
ARS? y      Computer Telephony Adjunct Links? y
ARS/AAR Partitioning? y                   Cvg Of Calls Redirected Off-net? y
ARS/AAR Dialing without FAC? y           DCS (Basic)? y
ASAI Link Core Capabilities? y           DCS Call Coverage? y
ASAI Link Plus Capabilities? y           DCS with Rerouting? y
Async. Transfer Mode (ATM) PNC? n        Digital Loss Plan Modification? y
Async. Transfer Mode (ATM) Trunking? n    DS1 MSP? y
ATM WAN Spare Processor? n               DS1 Echo Cancellation? y
ATMS? y
Attendant Vectoring? y

(NOTE: You must logoff & login to effect the permission changes.)

```

Sample Output of SNMP Walk command:

```

server1> snmpwalk -t 20 -v2c -Os -c private 192.0.2.0 -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmSysParamCust
avCmSysParamCustPlat.0 = STRING: 28
avCmSysParamCustESS.0 = STRING: n
avCmSysParamCustLSP.0 = STRING: n
avCmSysParamCustTenantPart.0 = STRING: y
avCmSysParamCustPortNetSup.0 = STRING: y

```

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmACAFlag Group

MIB group name	OID	Type
avCmACAFlag	enterprises.6889.2.73.8.1.104	

Description

The avCmACAFlag MIB Group uses the **display system-parameters features** command to retrieve ACA enabled data.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmACAFlag	SAT	display system-parameters features	FEATURE-RELATED SYSTEM PARAMETERS

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmACAFlagACAEnabled	.1	R	SnmpAdminString (SIZE (0..2))	Automatic Circuit Assurance (ACA) Enabled	An object containing whether ACA is enabled. (enabled=y. disabled=n).
FEATURE-RELATED SYSTEM PARAMETERS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListConfigDS1 Group

MIB group name	OID	Type
avCmListConfigDS1	enterprises.6889.2.73.8.1.107	

Description

The avCmListConfigDS1 MIB Group displays the output from the **list configuration ds1** command. The "list configuration ds1" generates a System Configuration report which includes the type, code, suffix, vintage, Signaling, Name and CSU Module of the ds1 circuit packs installed in the system.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: - The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListConfigDS1	SAT	list configuration ds1	SYSTEM CONFIGURATION - DS1 Circuit Packs

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Default customer super-user profile can access this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListConfigDS1Table	.1	n/a	SEQUENCE OF AvCmListConfigDS1Entry	n/a	A list of the avCmListConfigDS1 entries.
avCmListConfigDS1Entry	.1.1	n/a	AvCmListConfigDS1Entry	n/a	A avCmListConfigDS1 entry containing objects of the avCmListConfigDS1 information sent by the switch.
A avCmListConfigDS1 entry containing objects of the avCmListConfigDS1 information sent by the switch.	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigDS1Location	.1.1.2	R	SnmpAdminString (SIZE (0..8))	Board Number	An object that contains that uniquely identifies a board based on its location in the system. The syntax

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CONFIGURATION - DS1 Circuit Packs					for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigDS1Code	.1.1.3	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION - DS1 Circuit Packs					
avCmListConfigDS1Vintage	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION - DS1 Circuit Packs					
avCmListConfigDS1Signaling	.1.1.5	R	SnmpAdminString (SIZE (0..12))	Signaling	An Object that contains the signaling type of the board.
SYSTEM CONFIGURATION - DS1 Circuit Packs					
avCmListConfigDS1Name	.1.1.6	R	SnmpAdminString (SIZE (0..17))	Name	An Object that contains the Name of the board.
SYSTEM CONFIGURATION - DS1 Circuit Packs					
avCmListConfigDS1CSUMod	.1.1.7	R	SnmpAdminString (SIZE (0..8))	CSU MOD	An Object that contains the type of CSU Mod.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmDisplayDS1 Group

MIB group name	OID	Type
avCmDisplayDS1	enterprises.6889.2.73.8.1.109	

Description

The avCmDisplayDS1 MIB Group uses the **display ds1 xxx** command to retrieve ds1 data.

Releases Supported

7.1 and later

Polling Type

Inventory

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDisplayDS1	SAT	<code>list configuration ds1 (For board location used as input to display ds1 xxxx) .</code>	• SYSTEM CONFIGURATION - DS1 Circuit Packs • DS1 CIRCUIT PACK

Reference Document

- A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document.
- Information about DS1 CIRCUIT PACK can be found in the *Administering Avaya Aura® Communication Manager*.

These documents can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDisplayDS1Table	.1	n/a	SEQUENCE OF AvCmDisplayDS1Entry	n/a	A list of the avCmDisplayDS1 entries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDisplayDS1Entry	.1.1	n/a	AvCmDisplayDS1Entry	n/a	A avCmDisplayDS1 entry containing objects of the avCmDisplayDS1 information sent by the switch.
avCmDisplayDS1LocationIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..7))	n/a	An object that uniquely identifies each Increment of data.
avCmDisplayDS1Location	.1.1.2	R	SnmpAdminString (SIZE (0..7))	Location	An object containing the board location of the ds1 board.
DS1 CIRCUIT PACK					
avCmDisplayDS1BitRate	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Bit Rate	An Object containing the Bit Rate of the DS1 board.
DS1 CIRCUIT PACK					
avCmDisplayDS1Signaling	.1.1.4	R	SnmpAdminString (SIZE (0..12))	Signaling Mode	An object that contains the signaling of the ds1 board.
DS1 CIRCUIT PACK					
avCmDisplayDS1Name	.1.1.5	R	SnmpAdminString (SIZE (0..16))	Name	An object that contains the name of the board.
DS1 CIRCUIT PACK					
avCmDisplayDS1LineCoding	.1.1.6	R	SnmpAdminString (SIZE (0..10))	Line Coding	An object containing the line coding used by the ds1.
DS1 CIRCUIT PACK					
avCmDisplayDS1LineComp	.1.1.7	R	Integer32 (0..9)	Line Compensation	An object containing a line compensation value.
DS1 CIRCUIT PACK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmStatusPNC Group

MIB group name	OID	Type
avCmStatusPNC	enterprises.6889.2.73.8.1.110	

Description

The avCmStatusPNC MIB Group uses the **status pnc** command to retrieve port network connectivity data.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmStatusPNC	SAT	status pnc	PORT NETWORK CONNECTIVITY

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusPNCDuplicate	.1	R	SnmpAdminString (SIZE (0..5))	Duplicated	An object containing the server is duplicated (yes or no).
PORT NETWORK CONNECTIVITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusPNCSoftwareLck	.2	R	SnmpAdminString (SIZE (0..5))	Software Locked	An object containing the software is locked status (yes or no).
PORT NETWORK CONNECTIVITY					
avCmStatusPNCStandbyBusd	.3	R	SnmpAdminString (SIZE (0..5))	Standby Busied	An Object containing the Standby Busied status (yes or no).
PORT NETWORK CONNECTIVITY					
avCmStatusPNCStndbyRfsh	.4	R	SnmpAdminString (SIZE (0..5))	Standby Refreshed	An Object containing the Standby Refresh status (yes or no).
PORT NETWORK CONNECTIVITY					
avCmStatusPNCIntchDisble	.5	R	SnmpAdminString (SIZE (0..5))	Interchange Disabled	An Object containing the Interchange Disable status (yes or no).
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncA Mode	.6	R	SnmpAdminString (SIZE (0..8))	A-PNC Mode	An Object containing the current mode of PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncB Mode	.7	R	SnmpAdminString (SIZE (0..8))	B-PNC Mode	An Object containing the current mode of PNC B.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncA Health	.8	R	SnmpAdminString (SIZE (0..22))	PNC A State of Health	An Object containing the current state of health of PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncB Health	.9	R	SnmpAdminString (SIZE (0..22))	PNC B State of Health	An Object containing the current state of health of PNC B.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncA PnIntrIdx	.10	R	SnmpAdminString (SIZE (0..19))	PNC A Inter PN Index	An Object containing the current PN Interchange Index for PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCPncB PnIntrIdx	.11	R	SnmpAdminString (SIZE (0..19))	PNC B Inter PN Index	An Object containing the current PN

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK CONNECTIVITY					Interchange Index for PNC B.
avCmStatusPNCpncASnIntrIdx	.12	R	SnmpAdminString (SIZE (0..9))	PNC A Inter SN Index	An Object containing the current SN Interchange Index for PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncBSnIntrIdx	.13	R	SnmpAdminString (SIZE (0..9))	PNC B Inter SN Index	An Object containing the current SN Interchange Index for PNC B.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncAMajor	.14	R	Integer32 (0..99999)	PNC A Major Alarms	An Object containing the number of logged major alarms for PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncBMajor	.15	R	Integer32 (0..99999)	PNC B Major Alarms	An Object containing the number of logged major alarms for PNC B.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncAMinor	.16	R	Integer32 (0..99999)	PNC A Minor Alarms	An Object containing the number of logged Minor alarms for PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncBMinor	.17	R	Integer32 (0..99999)	PNC B Minor Alarms	An Object containing the number of logged Minor alarms for PNC B.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncAWarning	.18	R	Integer32 (0..99999)	PNC A Warning Alarms	An Object containing the number of logged Warning alarms for PNC A.
PORT NETWORK CONNECTIVITY					
avCmStatusPNCpncBWarning	.19	R	Integer32 (0..99999)	PNC B Warning Alarms	An Object containing the number of logged Warning alarms for PNC B.
PORT NETWORK CONNECTIVITY					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListRoutePattern Group

MIB group name	OID	Type
avCmListRoutePattern	enterprises.6889.2.73.8.1.111	

Description

The avCmListRoutePattern MIB Group uses the **list route-pattern** command to retrieve sub-set of the systems administered route-patterns information.

Releases Supported

7.1 and later

Polling Type

Configuration and Inventory

Polling Interval

Not more than once a day.

Or when route-pattern administration is changed.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group will increase as the number of administered trunks increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListRoutePattern	SAT	list route-pattern	ROUTE PATTERNS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListRoutePattern Table	.1	n/a	SEQUENCE OF AvCmListRoutePatternEntry	n/a	A list of the avCmListRoutePattern entries.
avCmListRoutePattern Entry	.1.1	n/a	AvCmListRoutePatternEntry	n/a	A avCmListRoutePattern entry containing objects of the avCmListRoutePattern information sent by the switch.
avCmListRoutePattern RPIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each Route Pattern.
avCmListRoutePattern RPNNumber	.1.1.2	n/a	Integer32 (0..2000)	Route Pat	An object that uniquely identifies each Route Pattern.
ROUTE PATTERNS					
avCmListRoutePattern Name	.1.1.3	R	SnmpAdminString (SIZE (0..16)))	Name	An object that contains the route-pattern name.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber1	.1.1.4	R	Integer32 (0..2000)	Trk Grp 1	An Object that uniquely identifies the trunk group associated with group number 1.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber2	.1.1.5	R	Integer32 (0..2000)	Trk Grp 2	An Object that uniquely identifies the trunk group associated with group number 2.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber3	.1.1.6	R	Integer32 (0..2000)	Trk Grp 3	An Object that uniquely identifies the trunk group associated with group number 3.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber4	.1.1.7	R	Integer32 (0..2000)	Trk Grp 4	An Object that uniquely identifies the trunk group associated with group number 4.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber5	.1.1.8	R	Integer32 (0..2000)	Trk Grp 5	An Object that uniquely identifies

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ROUTE PATTERNS					the trunk group associated with group number 5.
avCmListRoutePattern TGNumber6	.1.1.9	R	Integer32 (0..2000)	Trk Grp 6	An Object that uniquely identifies the trunk group associated with group number 6.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber7	.1.1.1 0	R	Integer32 (0..2000)	Trk Grp 7	An Object that uniquely identifies the trunk group associated with group number 7.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber8	.1.1.1 1	R	Integer32 (0..2000)	Trk Grp 8	An Object that uniquely identifies the trunk group associated with group number 8.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber9	.1.1.1 2	R	Integer32 (0..2000)	Trk Grp 9	An Object that uniquely identifies the trunk group associated with group number 9.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber10	.1.1.1 3	R	Integer32 (0..2000)	Trk Grp 10	An Object that uniquely identifies the trunk group associated with group number 10.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber11	.1.1.1 4	R	Integer32 (0..2000)	Trk Grp 11	An Object that uniquely identifies the trunk group associated with group number 11.
ROUTE PATTERNS					
avCmStatusPNCpncB Minor	..1.1. 15	R	Integer32 (0..2000)	Trk Grp 12	An Object that uniquely identifies the trunk group associated with group number 12.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber13	.1.1.1 6	R	Integer32 (0..2000)	Trk Grp 13	An Object that uniquely identifies the trunk group associated with group number 13.
ROUTE PATTERNS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListRoutePattern TGNumber14	.1.1.1 7	R	Integer32 (0..2000)	Trk Grp 14	An Object that uniquely identifies the trunk group associated with group number 14.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber15	.1.1.1 8	R	Integer32 (0..2000)	Trk Grp 15	An Object that uniquely identifies the trunk group associated with group number 15.
ROUTE PATTERNS					
avCmListRoutePattern TGNumber16	.1.1.1 9	R	Integer32 (0..2000)	Trk Grp 16	An Object that uniquely identifies the trunk group associated with group number 16.
ROUTE PATTERNS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListConfigTrunk Group

MIB group name	OID	Type
avCmListConfigTrunk	enterprises.6889.2.73.8.1.112	

Description

The avCmListConfigTrunk MIB Group displays the output from the **list configuration trunk** command. The **list configuration trunk** generates a System Configuration report which includes the type, code, suffix, and vintage of the trunk circuit packs installed in the system.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Or, after configuration changes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group will increase as the number of administered trunks increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListConfigTrunk	SAT	list configuration trunk	SYSTEM CONFIGURATION

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. These documents can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Default customer super-user profile can access this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListConfigTrunkTable	.1	n/a	SEQUENCE OF AvCmListConfigTrunkEntry	n/a	A list of the avCmListConfigTrunk entries.
avCmListConfigTrunkEntry	.1.1	n/a	AvCmListConfigTrunkEntry	n/a	A avCmListConfigTrunk entry containing objects of the avCmListConfigTrunk information sent by the switch.
avCmListConfigTrunkBoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows:

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigTrunkBoardNumber	.1.1.2	R	SnmpAdminString (SIZE (0..8))	Board Number	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20).
SYSTEM CONFIGURATION					
avCmListConfigTrunkBoardType	.1.1.3	R	SnmpAdminString (SIZE (0..20))	Board Type	An object containing the type of board.
SYSTEM CONFIGURATION					
avCmListConfigTrunkCode	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION					
avCmListConfigTrunkVintage	.1.1.5	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION					
avCmListConfigTrunkAssignedPorts	.1.1.6	R	SnmpAdminString (SIZE (0..193))	Assigned Ports	An object that specifies the assignment of the port. A string representing integers identical to the port numbers that are assigned. The char (u) indicates that the port is unassigned. The char (t) indicates that the port is assigned via the TTI feature. The char (p) indicates that the port is assigned via the PSA feature. A

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CONFIGURATION					NULL char or string indicates that the port(s) does not exist or is not administered on that board.

Related links

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avCmListConfigStation Group

MIB group name	OID	Type
avCmListConfigStation	enterprises.6889.2.73.8.1.113	

Description

The avCmListConfigStation MIB group displays the output from the **list configuration station** command. The **list configuration station** command generates a System Configuration the type, code, suffix, and vintage of the station circuit packs report which includes installed in the system.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day or after configuration changes

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group will increase as the number of administered trunks increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListConfigStation	SAT	list configuration station	SYSTEM CONFIGURATION

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. These documents can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Default customer super-user profile can access this command.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListConfigStation Table	.1	n/a	SEQUENCE OF AvCmListConfigStationEntry	n/a	A list of the avCmListConfigStation entries.
avCmListConfigStation Entry	.1.1	n/a	AvCmListConfigStationEntry	n/a	A avCmListConfigStation entry containing objects of the avCmListConfigStation information sent by the switch.
avCmListConfigStation BoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows:cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigStation BoardNumber	.1.1.2	R	SnmpAdminString (SIZE (0..8))	Board Number	An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CONFIGURATION					Number is as follows:cabinet(01-64):carrier(A-E):slot(01-20).
avCmListConfigStation BoardType	.1.1.3	R	SnmpAdminString (SIZE (0..20))	Board Type	An object containing the type of board.
SYSTEM CONFIGURATION					
avCmListConfigStation Code	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION					
avCmListConfigStation Vintage	.1.1.5	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION					
avCmListConfigStation AssignedPorts	.1.1.6	R	SnmpAdminString (SIZE (0..193))	Assigned Ports	An object that specifies the assignment of the port. A string representing integers identical to the port numbers that are assigned. The char (u) indicates that the port is unassigned. The char (t) indicates that the port is assigned via the TTI feature. The char (p) indicates that the port is assigned via the PSA feature. A NULL char or string indicates that the port(s) does not exist or is not administered on that board.
ROUTE PATTERNS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasACA Group

MIB group name	OID	Type
avCmListMeasACA	enterprises.6889.2.73.8.1.114	

Description

The avCmListMeasACA MIB Group uses the `list measurements aca` command to retrieve the aca data from trunk-groups.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasACA	SAT	<code>list measurements aca</code>	Automatic Circuit Assurance Measurements

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasACATable	.1	n/a	SEQUENCE OF AvCmListMeasACA Entry	n/a	A list of the avCmListMeasACA entries
avCmListMeasACAEntry	.1.1	n/a	AvCmListMeasACA Entry	n/a	A avCmListMeasACA entry containing objects of the avCmListMeasACA information sent by the switch.
avCmListMeasACATGNumberIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each Increment of data
avCmListMeasACATGMemberIdx	.1.1.2	n/a	Integer32 (0..999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasACATGDayTimeIdx	.1.1.3	R	SnmpAdminString (SIZE (0..5))	n/a	An object that uniquely identifies each Increment of data.
aavCmListMeasACATGNbr	.1.1.4	R	Integer32 (0..2000)	Trunk Group Number	An object that displays the trunk group number data.
Automatic Circuit Assurance Measurements					
avCmListMeasACATGMbr	.1.1.5	R	Integer32 (0..999)	Trunk Member	An object that displays the trunk member data.
Automatic Circuit Assurance Measurements					
avCmListMeasACATGDayTime	.1.1.6	R	SnmpAdminString (SIZE (0..9))	Day & Time of Referral	An object that uniquely identifies each Increment of data.
Automatic Circuit Assurance Measurements					
avCmListMeasACARunDate	.1.1.7	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
Automatic Circuit Assurance Measurements					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasACATG Access	.1.1.8	R	Integer32 (0..100)	Trunk Access Code	An object containing the trunk access code for the trunk group.
Automatic Circuit Assurance Measurements					
avCmListMeasACARef Type	.1.1.9	R	SnmpAdminString (SIZE (0..6))	Type of Referral	Object that indicates whether the referral occurred as the result of too many short holding time calls or an excessively long holding time call.
Automatic Circuit Assurance Measurements					
avCmListMeasACAWid eBand	.1.1.10	R	SnmpAdminString (SIZE (0..2))	wideband trunk group flag	An object containing the processor occupancy utilized by System Management processes.
Automatic Circuit Assurance Measurements					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasAttendGrp Group

MIB group name	OID	Type
avCmListMeasAttendGrp	enterprises.6889.2.73.8.1.115	

Description

The avCmListMeasAttendGrp MIB Group uses the **list measurements attendant group** command to retrieve attendant data from attendant groups.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasAttendGrp	SAT	list measurements attendant group	ATTENDANT GROUP MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasAttendGrpTable	.1	n/a	SEQUENCE OF AvCmListMeasAttendGrpEntry	n/a	A list of the avCmListMeasAttendGrp entries
avCmListMeasAttendGrpEntry	.1.1	n/a	AvCmListMeasAttendGrpEntry	n/a	A avCmListMeasAttendGrp entry containing objects of the avCmListMeasAttendGrp information sent by the switch.
avCmListMeasAttendGrpMeasTypeIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..11))	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasAttendGrpType	.1.1.2	n/a	SnmpAdminString (SIZE (0..11))	n/a	An object that displays measurement type (TODAY PEAK,

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					YEST PEAK, LAST HOUR).
avCmListMeasAttendGrpRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the Hour the measurement was taken.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpSiz	.1.1.5	R	Integer32 (0..9999)	Grp Siz	Ann object containing the number of attendant positions that are administered for the groups.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpCallsAns	.1.1.6	R	Integer32 (0..9999)	Calls Ans	An object containing the number of calls answered by all active attendants during the measurement hour.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpCallsAbnd	.1.1.7	R	Integer32 (0..9999)	Calls Abnd	An object containing the number of calls that ring an attendant group and drop (hang up) before an attendant answers.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpCallsQued	.1.1.8	R	Integer32 (0..9999)	Calls Qued	An object containing the total number of calls that were placed in the attendant queue (delayed) because no attendants were available.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpCallsHAbd	.1.1.9	R	Integer32 (0..9999)	Calls H-Abd	An object containing the number of calls that

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ATTENDANT GROUP MEASUREMENTS					abandon while the caller is in hold mode.
avCmListMeasAttendGrpCallsHeld	.1.1.1.0	R	Integer32 (0..9999)	Calls Held	An object containing the number of calls that are answered by the attendant group and then placed on hold.
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpTimeAvail	.1.1.1.1	R	Integer32 (0..9999)	Time Avail	An object containing the time during which the pos avail lamp is lit on all attendant consoles, and the attendants are not talking on calls but are available to handle new calls (in CCS).
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpTimeTalk	.1.1.1.2	R	Integer32 (0..9999)	Time Talk	An object containing the time that attendants are active or talking on a loop (in CCS).
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpTimeHeld	.1.1.1.3	R	Integer32 (0..9999)	Time Held	An object containing the time that attendants have calls on hold (in seconds).
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpTimeAbnd	.1.1.1.4	R	Integer32 (0..9999)	Time Abnd	An object containing the average amount of time that calls spend in queue and/or ringing at the console before the caller hangs up (in seconds).
ATTENDANT GROUP MEASUREMENTS					
avCmListMeasAttendGrpSpeedAns	.1.1.1.5	R	Integer32 (0..9999)	Speed Ans(sec)	An object containing the average elapsed time from when

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ATTENDANT GROUP MEASUREMENTS					a call terminates at the attendant group to when the call is answered by an attendant (in seconds).

Related links

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avCmListMeasAttendPos Group

MIB group name	OID	Type
avCmListMeasAttendPos	enterprises.6889.2.73.8.1.116	

Description

The avCmListMeasAttendPos MIB Group uses the **list measurements attendant positions** command to retrieve attendant data from attendant positions.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasAttendPos	SAT	list measurements attendant positions	ATTENDANT POSITIONS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasAttendPosTable	.1	n/a	SEQUENCE OF AvCmListMeasAttendPosEntry	n/a	A list of the avCmListMeasAttendPos entries.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosEntry	.1.1	n/a	AvCmListMeasAttendPosEntry	n/a	A avCmListMeasAttendPos entry containing objects of the avCmListMeasAttendPos information sent by the switch.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosIdx	.1.1.1	n/a	Integer32 (0..999)	n/a	An object that uniquely identifies each Increment of data.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosAttdId	.1.1.2	R	Integer32 (0..999)	n/a	An object containing an attendant number to identify which attendant.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosYPkMeasHour	.1.1.4	R	Integer32 (0..9999)	Yesterday's Peak Meas Hour	An object containing Yesterday's Peak Hour the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ATTENDANT POSITIONS MEASUREMENTS					measurement was taken.
avCmListMeasAttendPosYPkTimeAvail	.1.1.5	R	Integer32 (0..9999)	Yesterday's Peak Time Avail	An object containing Yesterday's Peak total time the attendant was available to receive calls during the polling interval (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosYPkTimeTalk	.1.1.6	R	Integer32 (0..9999)	Yesterday's Peak Time Talk	An object containing Yesterday's Peak total time the attendant was active on calls (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosYPkTimeHeld	.1.1.7	R	Integer32 (0..9999)	Yesterday's Peak Time Held	An object containing Yesterday's Peak total time the attendant had calls on hold (in seconds).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosYPkCallsAns	.1.1.8	R	Integer32 (0..9999)	Yesterday's Peak Calls Ans	An object containing Yesterday's Peak total number of calls answered by the attendant (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosTPkMeasHour	.1.1.9	R	Integer32 (0..9999)	Yesterday's Peak Meas Hour	An object containing Today's Peak Hour the measurement was taken.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosTPkTimeAvail	.1.1.10	R	Integer32 (0..9999)	Today's Peak Time Avail	An object containing Today's Peak total time the attendant was available to receive calls during the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ATTENDANT POSITIONS MEASUREMENTS					polling interval (in CCS).
avCmListMeasAttendPosTPkTimeTalk	.1.1.1.1	R	Integer32 (0..9999)	Today's Today's Peak Time Talkme Avail	An object containing Today's Peak total time the attendant was active on calls (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosTPkTimeHeld	.1.1.1.2	R	Integer32 (0..9999)	Today's Today's Peak Time Held	An object containing Today's Peak total time the attendant had calls on hold (in seconds).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosTPkCallsAns	.1.1.1.3	R	Integer32 (0..9999)	Today's Peak Calls Ans	An object containing Today's Peak total number of calls answered by the attendant (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosLHrMeasHour	.1.1.1.4	R	Integer32 (0..9999)	Last Hour Meas Hour	An object containing Last Hour's Hour the measurement was taken.
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosLHrTimeAvail	.1.1.1.5	R	Integer32 (0..9999)	Last Hour Time Avail	An object containing Last Hour's total time the attendant was available to receive calls during the polling interval (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosLHrTimeTalk	.1.1.1.6	R	Integer32 (0..9999)	Last Hour Time Talk	An object containing Last Hour's total time the attendant was active on calls (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					
avCmListMeasAttendPosLHrTimeHeld	.1.1.1.7	R	Integer32 (0..9999)	Last Hour Time Held	An object containing Last Hour's total time the attendant had

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
ATTENDANT POSITIONS MEASUREMENTS					calls on hold (in seconds).
avCmListMeasAttendPosLHrCallsAns	.1.1.1.8	R	Integer32 (0..9999)	Last Hour Calls Ans	An object containing Last Hour's total number of calls answered by the attendant (in CCS).
ATTENDANT POSITIONS MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasBlockPNLastHr Group

MIB group name	OID	Type
avCmListMeasBlockPNLastHr	enterprises.6889.2.73.8.1.117	

Description

The avCmListMeasBlockPNLastHr MIB Group uses the **list measurements blockage pn last-hour** command to retrieve blockage data for port-networks from the last hour.

Releases Supported

7.1 or later

Polling Type

Performance/Utilization

Polling Interval

No more than every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Time-out should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasBlockPNLastHr Group	SAT	<code>list measurements blockage pn last- hour</code>	BLOCKAGE STUDY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPNLastHrTable	.1	n/a	SEQUENCE OF AvCmListMeasBlockPNLastHrEntry	n/a	A list of the avCmListMeasBlockPNLastHr entries.
avCmListMeasBlockPNLastHrEntry	.1.1	n/a	AvCmListMeasBlockPNLastHrEntry	n/a	A avCmListMeasBlockPNLastHr entry containing objects of the avCmListMeasBlockPNLastHr information sent by the switch.
avCmListMeasBlockPNLastHrPNNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasBlockPNLastHrPNNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasBlockPNLastHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPNLastHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
BLOCKAGE STUDY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPN LastHrTdmUsage	.1.1.5	R	Integer32 (0..9999)	TDM Usage	An object containing the total TDM time-slot usage.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrTdmPeg	.1.1.6	R	Integer32 (0..9999)	TDM Peg	An object containing the total count of circuit switch TDM time-slot.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrTdmPeak	.1.1.7	R	Integer32 (0..9999)	TDM Peak	An object containing the maximum number of time-slots allocated at any one time.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrTdmBlockage	.1.1.8	R	Integer32 (0..9999)	TDM Blockage	An object containing the total count of TDM blockages, that is, the total number of times a TDM time-slot request is denied for the PN.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrTimeSlots	.1.1.9	R	Integer32 (0..9999)	(PN) Link Time-slots	An object containing the number of PN link time-slots available between port networks or between Port Networks and Switch Nodes.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrPNlinkUsage	.1.1.10	R	Integer32 (0..9999)	(PN) Link Usage	An object containing the total circuit switch usage of the available PN link(s) connecting the PN to the SN or to other PNs.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN LastHrPNlinkPeg	.1.1.11	R	Integer32 (0..9999)	(PN) Link Peg	An object containing the total count of circuit switched time-slot

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
BLOCKAGE STUDY REPORT					seizure attempts for the link(s).
avCmListMeasBlockPN LastHrPNlinkBlockage	.1.1.1 2	R	Integer32 (0..99999)	(PN) Link Blockage	An object containing the maximum number of time slots allocated at any one time on the PN links.
BLOCKAGE STUDY REPORT					

Related links

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avCmListMeasBlockPNToday Group

MIB group name	OID	Type
avCmListMeasBlockPNToday	enterprises.6889.2.73.8.1.118	

Description

The avCmListMeasBlockPNToday MIB Group uses the `list measurements blockage pn today` command to retrieve blockage data for port-networks from today.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasBlockPNToday	SAT	list measurements blockage pn today	BLOCKAGE STUDY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPNTodayTable	.1	n/a	SEQUENCE OF AvCmListMeasBlockPNTodayEntry	n/a	A list of the avCmListMeasBlockPNToday entries
avCmListMeasBlockPNTodayEntry	.1.1	n/a	AvCmListMeasBlockPNTodayEntry	n/a	A avCmListMeasBlockPNToday entry containing objects of the avCmListMeasBlockPNToday information sent by the switch.
avCmListMeasBlockPNTodayPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasBlockPNTodayPNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasBlockPNTodayRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPNTodayMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
BLOCKAGE STUDY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPN TodayTdmUsage	.1.1.5	R	Integer32 (0..9999)	TDM Usage	An object containing the total TDM time-slot usage.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN TodayTdmPeg	.1.1.6	R	Integer32 (0..9999)	TDM Peg	An object containing the total count of circuit switch TDM time-slot.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN TodayTdmPeak	.1.1.7	R	Integer32 (0..9999)	TDM Peak	An object containing the maximum number of time-slots allocated at any one time.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN TodayTdmBlockage	.1.1.8	R	Integer32 (0..9999)	TDM Blockage	An object containing the total count of TDM blockages, that is, the total number of times a TDM time-slot request is denied for the PN.
BLOCKAGE STUDY REPORT					
avCmListRoutePattern TGNumber6	.1.1.9	R	Integer32 (0..9999)	(PN) Link Time-slots	An object containing the number of PN link time-slots available between port networks or between Port Networks and Switch Nodes.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN TodayPNlinkUsage	.1.1.10	R	Integer32 (0..9999)	(PN) Link Usage	An object containing the total circuit switch usage of the available PN link(s) connecting the PN to the SN or to other PNs.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN TodayPNlinkPeg	.1.1.11	R	Integer32 (0..9999)	(PN) Link Peg	An object containing the total count of circuit switched time-slot

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
BLOCKAGE STUDY REPORT					seizure attempts for the link(s).
avCmListMeasBlockPN TodayPNlinkBlockage	.1.1.1.2	R	Integer32 (0..99999)	(PN) Link Blockage	An object containing the maximum number of time slots allocated at any one time on the PN links.
BLOCKAGE STUDY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasBlockPNYest Group

MIB group name	OID	Type
avCmListMeasBlockPNYest	enterprises.6889.2.73.8.1.119	

Description

The avCmListMeasBlockPNYest MIB Group uses the **list measurements blockage pn yesterday** command to retrieve blockage data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasBlockPNYest	SAT	list measurements blockage pn yesterday	list measurements blockage pn yesterday

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPNYestTable	.1	n/a	SEQUENCE OF AvCmListMeasBlockPNYestEntry	n/a	A list of the avCmListMeasBlockPNYest entries
avCmListMeasBlockPNYestEntry	.1.1	n/a	AvCmListMeasBlockPNYestEntry	n/a	A avCmListMeasBlockPNYest entry containing objects of the avCmListMeasBlockPNYest information sent by the switch.
avCmListMeasBlockPNYestPNNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasBlockPNYestPNNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasBlockPNYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPNYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
BLOCKAGE STUDY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasBlockPN YestTdmUsage	.1.1.5	R	Integer32 (0..9999)	TDM Usage	An object containing the total TDM time-slot usage.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestTdmPeg	.1.1.6	R	Integer32 (0..9999)	TDM Peg	An object containing the total count of circuit switch TDM time-slot.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestTdmPeak	.1.1.7	R	Integer32 (0..9999)	TDM Peak	An object containing the maximum number of time-slots allocated at any one time.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestTdmBlockage	.1.1.8	R	Integer32 (0..9999)	TDM Blockage	An object containing the total count of TDM blockages, that is, the total number of times a TDM time-slot request is denied for the PN.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestTimeSlots	.1.1.9	R	Integer32 (0..9999)	(PN) Link Time-slots	An object containing the number of PN link time-slots available between port networks or between Port Networks and Switch Nodes.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestPNlinkUsage	.1.1.10	R	Integer32 (0..9999)	(PN) Link Usage	An object containing the total circuit switch usage of the available PN link(s) connecting the PN to the SN or to other PNs.
BLOCKAGE STUDY REPORT					
avCmListMeasBlockPN YestPNlinkPeg	.1.1.11	R	Integer32 (0..9999)	(PN) Link Peg	An object containing the total count of circuit switched time-slot

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
BLOCKAGE STUDY REPORT					seizure attempts for the link(s).
avCmListMeasBlockPN YestPNlinkBlockage	.1.1.1 2	R	Integer32 (0..99999)	(PN) Link Blockage	An object containing the maximum number of time slots allocated at any one time on the PN links.
BLOCKAGE STUDY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmDispMeasSelectRoutePat Group

MIB group name	OID	Type
avCmDispMeasSelectRoutePat	enterprises.6889.2.73.8.1.120	

Description

The avCmDispMeasSelectRoutePat MIB Group uses the **display meas-selection route-pattern** command to retrieve route pattern numbers that are measured.

Releases Supported

7.1 and later

Polling Type

Inventory and Configuration

Polling Interval

Not more than once a day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low - The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispMeasSelectRoutePat	SAT	<code>display meas-selection route-pattern</code>	ROUTE PATTERN MEASUREMENT SELECTION

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispMeasSelectRoutePatPattern1	.1	R	Integer32 (0..2000)	Pattern No. 1	An object containing the measurement 1 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelectRoutePatPattern2	.2	R	Integer32 (0..2000)	Pattern No. 2	An object containing the measurement 2 route pattern
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelectRoutePatPattern3	.3	R	Integer32 (0..2000)	Pattern No. 3	An object containing the measurement 3 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelectRoutePatPattern4	.4	R	Integer32 (0..2000)	Pattern No. 4	An object containing the measurement 4 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelectRoutePatPattern5	.5	R	Integer32 (0..2000)	Pattern No. 5	An object containing the measurement 5 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispMeasSelect RoutePatPattern6	.6	R	Integer32 (0..2000)	Pattern No. 6	An object containing the measurement 6 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern7	.7	R	Integer32 (0..2000)	Pattern No. 7	An object containing the measurement 7 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern8	.8	R	Integer32 (0..2000)	Pattern No. 8	An object containing the measurement 8 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern9	.9	R	Integer32 (0..2000)	Pattern No. 9	An object containing the measurement 9 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern10	.10	R	Integer32 (0..2000)	Pattern No. 10	An object containing the measurement 10 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern11	.11	R	Integer32 (0..2000)	Pattern No. 11	An object containing the measurement 11 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern12	.12	R	Integer32 (0..2000)	Pattern No. 12	An object containing the measurement 12 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern13	.13	R	Integer32 (0..2000)	Pattern No. 13	An object containing the measurement 13 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispMeasSelect RoutePatPattern14	.14	R	Integer32 (0..2000)	Pattern No. 14	An object containing the measurement 14 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern15	.15	R	Integer32 (0..2000)	Pattern No. 15	An object containing the measurement 15 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern16	.16	R	Integer32 (0..2000)	Pattern No. 16	An object containing the measurement 16 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern17	.17	R	Integer32 (0..2000)	Pattern No. 17	An object containing the measurement 17 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern18	.18	R	Integer32 (0..2000)	Pattern No. 18	An object containing the measurement 18 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern19	.19	R	Integer32 (0..2000)	Pattern No. 19	An object containing the measurement 19 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern20	.20	R	Integer32 (0..2000)	Pattern No. 20	An object containing the measurement 20 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern21	.21	R	Integer32 (0..2000)	Pattern No. 21	An object containing the measurement 21 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispMeasSelect RoutePatPattern22	.22	R	Integer32 (0..2000)	Pattern No. 22	An object containing the measurement 22 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern23	.23	R	Integer32 (0..2000)	Pattern No. 23	An object containing the measurement 23 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern24	.24	R	Integer32 (0..2000)	Pattern No. 24	An object containing the measurement 24 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					
avCmDispMeasSelect RoutePatPattern25	.25	R	Integer32 (0..2000)	Pattern No. 25	An object containing the measurement 25 route pattern.
ROUTE PATTERN MEASUREMENT SELECTION					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasRoutePatLastHr Group

MIB group name	OID	Type
avCmListMeasRoutePatLastHr	enterprises.6889.2.73.8.1.121	

Description

The avCmListMeasRoutePatLastHr MIB Group uses the **list measurements route-pattern xxxx last-hour** command to retrieve route-pattern data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasRoutePatLastHr	SAT	list measurements route-pattern xxxx last-hour list measurements route-pattern xxxx last-hour	ROUTE PATTERN MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasRoutePatLastHrTable	.1	n/a	SEQUENCE OF AvCmListMeasRoutePatLastHrEntry	n/a	A list of the avCmListMeasRoutePatLastHr entries
avCmListMeasRoutePatLastHrEntry	.1.1	n/a	AvCmListMeasRoutePatLastHrEntry	n/a	A avCmListMeasRoutePatLastHr entry containing objects of the avCmListMeasRoutePatLastHr information sent by the switch.
avCmListMeasRoutePatLastHrPatternIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					each Increment of data.
avCmListMeasRoutePatLastHrTgldx	.1.1.2	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasRoutePatLastHrPattern	.1.1.3	R	Integer32 (0..9999)	Pat. No.	An object containing the number of the route pattern being measured.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrTrunkGroup	.1.1.4	R	Integer32 (0..9999)	Grp No.	An object containing the Trunk group number.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrRunDate	.1.1.5	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrQueueSize	.1.1.6	R	Integer32 (0..999999)	Queue Size	An object containing the length of the queue for the first trunk group in the route pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrCallsOffered	.1.1.7	R	Integer32 (0..999999)	Calls Offered	An object containing the total number of calls offered to the route pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrCallsCarried	.1.1.8	R	Integer32 (0..999999)	Calls Carried	An object containing the total number of seizures for all trunk groups in the routing pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrCallsBlocked	.1.1.9	R	Integer32 (0..999999)	Calls Blocked	An object containing the number of outgoing calls that found all trunk groups in the pattern busy.
ROUTE PATTERN MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasRoutePatLastHrCallsQueued	.1.1.1 0	R	Integer32 (0..999999)	Calls Queued	An object containing the number of offered calls that found all trunk groups in the pattern busy and were placed in queue for the first trunk group in the pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrQueueOvflo	.1.1.1 1	R	Integer32 (0..999999)	Queue Ovflo.	An object containing the number of calls that find the queue on the first trunk group full.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrCallsCarrd	.1.1.1 2	R	Integer32 (0..999999)	Percentage Calls Carried	An object containing the percentage of total calls carried over the route pattern by the trunk group.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatLastHrTotalCalls	.1.1.1 3	R	Integer32 (0..99999)	Total Calls	An object containing the total number of calls carried by the route pattern over the trunk group.
ROUTE PATTERN MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasRoutePatYest Group

MIB group name	OID	Type
avCmListMeasRoutePatYest	enterprises.6889.2.73.8.1.123	

Description

The avCmListMeasRoutePatYest MIB Group uses the **list measurements route-pattern xxxx yesterday** command to route-pattern data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated because the data is only updated shortly after midnight.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasRoutePatYest	SAT	<code>list measurements route-pattern xxxx yesterday</code> (xxxx is route-pattern between 1 and 2000)	ROUTE PATTERN MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasRoutePatYest	.1	n/a	SEQUENCE OF AvCmListMeasRoutePatYestEntry	n/a	A list of the avCmListMeasRoutePatYest entries.
avCmListMeasRoutePatYestEntry	.1.1	n/a	AvCmListMeasRoutePatYestEntry	n/a	A avCmListMeasRoutePatYest entry containing objects of the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					avCmListMeasRoutePatYest information sent by the switch.
avCmListMeasRoutePatYestPatternIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasRoutePatYestTglIdx	.1.1.2	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasRoutePatYestPattern	.1.1.3	R	Integer32 (0..9999)	Pat. No.	An object containing the number of the route pattern being measured.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestTrunkGroup	.1.1.4	R	Integer32 (0..9999)	Grp No.	An object containing the Trunk group number.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestRunDate	.1.1.5	R	SnmpAdminString (SIZE (0..27))	Date	.An object containing the Date the command was executed.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestQueueSize	.1.1.6	R	Integer32 (0..999999)	Queue Size	An object containing the length of the queue for the first trunk group in the route pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestCallsOffered	.1.1.7	R	Integer32 (0..999999)	Calls Offered	An object containing the total number of calls offered to the route pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestCallsCarried	.1.1.8	R	Integer32 (0..999999)	Calls Carried	An object containing the total number of seizures for all trunk groups in the routing pattern.
ROUTE PATTERN MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasRoutePatYestCallsBlocked	.1.1.9	R	Integer32 (0..999999)	Calls Blocked	An object containing the number of outgoing calls that found all trunk groups in the pattern busy..
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestCallsQueued	.1.1.10	R	Integer32 (0..999999)	Calls Queued	An object containing the number of offered calls that found all trunk groups in the pattern busy and were placed in queue for the first trunk group in the pattern.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestQueueOvflo	.1.1.11	R	Integer32 (0..999999)	Queue Ovflo.	An object containing the number of calls that find the queue on the first trunk group full.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestCallsCarried	.1.1.12	R	Integer32 (0..999999)	Percentage Calls Carried	An object containing the percentage of total calls carried over the route pattern by the trunk group.
ROUTE PATTERN MEASUREMENTS					
avCmListMeasRoutePatYestTotalCalls	.1.1.13	R	Integer32 (0..999999)	Total Calls	An object containing the total number of calls carried by the route pattern over the trunk group.
ROUTE PATTERN MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCBCTrkGrpLstHr Group

MIB group name	OID	Type
avCmListMeasCBCTrkGrpLstHr	enterprises.6889.2.73.8.1.124	

Description

The avCmListMeasCBCTrkGrpLstHr MIB Group uses the `list measurements cbc-trunk-group xxxx last-hour` command to retrieve cbc-trunk-group data from the last-hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCBCTrkGrpLstHr	SAT	<code>list measurements cbc-trunk-group xxxx last-hour</code> (xxxx is a trunk-group between 1 and 2000)	CBC TRUNK GROUP MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCBCTrkGrpLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasCBCTrkGrpLstHrEntry	n/a	A list of the avCmListMeasCBCTrkGrpLstHr entries.
avCmListMeasCBCTrkGrpLstHrEntry	.1.1	n/a	AvCmListMeasCBCTrkGrpLstHrEntry	n/a	A avCmListMeasCBCTrkGrpLstHr entry containing objects of the avCmListMeasCBCTrkGrpLstHr information sent by the switch.
avCmListMeasCBCTrkGrpLstHrTgNumIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data
avCmListMeasCBCTrkGrpLstHrServiceNameIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..13))	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasCBCTrkGrpLstHrTGNumber	.1.1.3	R	Integer32 (0..9999)	Trunk Group No.	An object containing the trunk group number.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrServiceName	.1.1.4	R	SnmpAdminString (SIZE (0..13))	Service/Feature	An object containing the name of the services or features for which the associated measurements are being reported.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrRunDate	.1.1.5	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrQueueSize	.1.1.6	R	Integer32 (0..9999)	Queue Size	An object containing the size of the trunk group queue.
CBC TRUNK GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCBCTrkGrpLstHrCallsQueued	.1.1.7	R	Integer32 (0..9999)	Calls Queued	An object containing the total number of calls that entered the queue.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrQueueOvflw	.1.1.8	R	Integer32 (0..9999)	Queue Overflow	An object containing the total number of calls that were denied access to the trunk, found the queue full, and received reorder tone.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrQueueAband	.1.1.9	R	Integer32 (0..9999)	Queue Abandonments	An object containing the total number of calls that were removed from the queue by the system or the user.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrTrunksOOS	.1.1.10	R	Integer32 (0..9999)	Out of Service	An object containing the total number of trunks in the group that were out-of-service when measurements were collected..
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrPlan1	.1.1.11	R	Integer32 (0..99)	Plan 1	An object containing the first usage allocation plan number (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrPlan2	.1.1.12	R	Integer32 (0..99)	Plan 2	An object containing the second usage allocation plan number (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrPlan3	.1.1.13	R	Integer32 (0..99)	Plan 3	An object containing the third usage allocation plan number (if any)..
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrPlan4	.1.1.14	R	Integer32 (0..99)	Plan 4	An object containing the fourth usage

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
CBC TRUNK GROUP MEASUREMENTS					allocation plan number (if any).
avCmListMeasCBCTrkGrpLstHrPlan5	.1.1.1 5	R	Integer32 (0..99)	Plan 5	An object containing the fifth usage allocation plan number (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrPlan6	.1.1.1 6	R	Integer32 (0..99)	Plan 6	An object containing the sixth usage allocation plan number (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrDur1	.1.1.1 7	R	Integer32 (0..99)	Duration 1	An object containing the first usage allocation plan duration (in minutes) that the first plan was in effect (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrDur2	.1.1.1 8	R	Integer32 (0..99)	Duration 2	An object containing the second usage allocation plan duration (in minutes) that the second plan was in effect (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrDur3	.1.1.1 9	R	Integer32 (0..99)	Duration 3	An object containing the third usage allocation plan duration (in minutes) that the third plan was in effect (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrDur4	.1.1.2 0	R	Integer32 (0..99)	Duration 4	An object containing the fourth usage allocation plan duration (in minutes) that the fourth plan was in effect (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrDur5	.1.1.2 1	R	Integer32 (0..99)	Duration 5	An object containing the fifth

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
CBC TRUNK GROUP MEASUREMENTS					usage allocation plan duration (in minutes) that the fifth plan was in effect (if any).
avCmListMeasCBCTrkGrpLstHrDur6	.1.1.2.2	R	Integer32 (0..99)	Duration 6	An object containing the sixth usage allocation plan duration (in minutes) that the sixth plan was in effect (if any).
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrMinChan	.1.1.2.3	R	avCmListMeasCBCTrkGrpLstHrMinChan	Min Chn	An object containing the minimum number of channels in the ISDN-PRI CBC trunk group allocated to the specified service/feature.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrMaxChan	.1.1.2.4	R	Integer32 (0..999)	Max Chn	An object containing the maximum number of channels in the ISDN-PRI CBC trunk group allocated to the specified service/feature.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrMeasHour	.1.1.2.5	R	Integer32 (0..9999)	Meas Hour	An object containing the Hour the measurement was taken.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrTotUsage	.1.1.2.6	R	Integer32 (0..9999)	Total Usage	An object containing the sum of time (CCS) for all channels used by the specified service/feature.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrTotSeize	.1.1.2.7	R	Integer32 (0..999999)	Total Seize	An object containing the total number of incoming and outgoing calls

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
CBC TRUNK GROUP MEASUREMENTS					that requested the specified service/feature.
avCmListMeasCBCTrkGrpLstHrIncSeize	.1.1.28	R	Integer32 (0..999999)	Inc. Seize	An object containing the total number of incoming calls that requested the specified service/feature.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrTanSeize	.1.1.29	R	Integer32 (0..99999)	Tan Seize	An object containing the total number of trunk-to-trunk call seizures using the specified service/feature.
avCmListMeasCBCTrkGrpLstHrOvfTG	.1.1.30	R	Integer32 (0..9999)	Ovf TG	An object containing the number of outgoing calls that requested the specified service/feature, but were not carried because the calls arrived to find no idle trunk members.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrOvfSF	.1.1.31	R	Integer32 (0..9999)	Ovf S/F	An object containing the number of calls that requested the specified service/feature but were denied.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrOvfMAX	.1.1.32	R	Integer32 (0..9999)	Ovf MAX	An object containing the number of calls that were not carried because they originated at a time when the specified service/feature had already used up its allotted maximum number of channels.
CBC TRUNK GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCBCTrkGrpLstHrTBM	.1.1.3 3	R	Integer32 (0..999)	% TBM	An object containing the percentage of time during the polling interval that the number of channels in use by the specified service/feature is below the specified minimum.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrATB	.1.1.3 4	R	Integer32 (0..999)	% ATB	An object containing the percentage of time during the measurement interval that the specified service/feature could not get a channel.
CBC TRUNK GROUP MEASUREMENTS					
avCmListMeasCBCTrkGrpLstHrOutBlk	.1.1.3 5	R	Integer32 (0..999)	% Out Blk	An object containing the ratio of outgoing calls not carried for a specified service/feature to the outgoing calls offered by the service/feature.
CBC TRUNK GROUP MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasLoadBalTotalLstHr Group

MIB group name	OID	Type
avCmMeasLoadBalTotalLstHr	enterprises.6889.2.73.8.1.125	

Description

The avCmMeasLoadBalTotalLstHr MIB Group uses the **list measurements load-balance total last-hour** command to retrieve load data for port-networks from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/utilization

Polling Interval

Not more than once every 6 minutes, However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasLoadBalTotalLstHr	SAT	list measurements load-balance total last-hour	PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLoadBalTotalLstHrTable	.1	n/a	SEQUENCE OF AvCmMeasLoadBal TotalLstHrEntry	n/a	A list of the avCmMeasLoadBal TotalLstHr entries
avCmMeasLoadBalTotalLstHrEntry	.1.1	n/a	AvCmMeasLoadBal TotalLstHrEntry	n/a	A avCmMeasLoadBal TotalLstHr entry containing objects of the avCmMeasLoadBal TotalLstHr

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information sent by the switch.
avCmMeasLoadBalTotalLstHrPNNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data
avCmMeasLoadBalTotalLstHrPNNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmMeasLoadBalTotalLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
avCmMeasLoadBalTotalLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrTDMUsage	.1.1.5	R	Integer32 (0..999999)	TDM Usage	An object containing the total TDM time-slot usage.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrTDM Peg	.1.1.6	R	Integer32 (0..99999)	TDM Peg	An object containing the total count of circuit switch TDM time-slot.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrTDMPeak	.1.1.7	R	Integer32 (0..99999)	TDM Peak	An object containing the maximum number of time-slots allocated at any one time during the measurement hour.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrTDMBlockage	.1.1.8	R	Integer32 (0..99999)	TDM Blockage	An object containing the total count of TDM blockages, that is, the total number

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					of times a TDM time-slot request is denied for the PN.
avCmMeasLoadBalTotalLstHrTDMOccupancy	.1.1.9	R	Integer32 (0..999)	(PN) Link Time-slots	An object containing the percentage of time division multiplexed occupancy.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrPNlinkUsage	.1.1.1 0	R	Integer32 (0..99999)	(PN) Link Usage	An object containing the total circuit switch usage of the available PN link(s) connecting the PN to the SN or to other PNs.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrPNlinkPeg	.1.1.1 1	R	Integer32 (0..99999)	(PN) Link Peg	An object containing the total count of circuit switched time-slot seizure attempts for the link(s).
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrPNlinkPeak	.1.1.1 2	R	Integer32 (0..99999)	(PN) Link Peak	An object containing the maximum number of time slots allocated at any one time on the PN links.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrPNlinkBlockage	.1.1.1 3	R	Integer32 (0..99999)	(PN) Link Blockage	An object containing the total count of circuit switched PN blockages, that is, the number of times a PN link time-slot is denied.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmMeasLoadBalTotalLstHrPNlinkOccupancy	.1.1.1 4	R	Integer32 (0..999)	(PN) Link Occupancy	An object containing the percentage of port network link occupancy.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmMeasLoadBalInterLstHr Group

MIB group name	OID	Type
avCmMeasLoadBalInterLstHr	enterprises.6889.2.73.8.1.126	

Description

The avCmMeasLoadBalInterLstHr MIB Group uses the **list measurements load-balance intercom last-hour** command to retrieve load data for port-networks from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmMeasLoadBalInterLstHr	SAT	list measurements load-balance intercom last-hour	PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLoadBalInterLstHrTable	.1	n/a	SEQUENCE OF AvCmMeasLoadBalInterLstHrEntry	n/a	A list of the avCmMeasLoadBalInterLstHr entries.
avCmMeasLoadBalInterLstHrEntry	.1.1	n/a	AvCmMeasLoadBalInterLstHrEntry	n/a	A avCmMeasLoadBalInterLstHr entry containing objects of the avCmMeasLoadBalInterLstHr information sent by the switch.
avCmMeasLoadBalInterLstHrPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmMeasLoadBalInterLstHrPNNumber	.1.1.2	n/a	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmMeasLoadBalInterLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmMeasLoadBalInterLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmMeasLoadBalInterLstHrIntIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					caused by station-to-station calls between terminals on the same port network (displayed in CCS).
avCmMeasLoadBallIntrLstHrIntIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by station-to-station calls between terminals on the same PN.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmMeasLoadBallIntrLstHrIntInterPNUse	.1.1.7	R	Integer32 (0..99999)	Inter PN Usage	An object containing the TDM time-slot usage caused by station-to-station calls between terminals on different port networks (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmMeasLoadBallIntrLstHrIntInterPNPeg	.1.1.8	R	Integer32 (0..99999)	Inter PN Peg	An object containing the TDM time slot seizures caused by station-to-station calls between terminals on different PNs.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBallIncLstHr Group

MIB group name	OID	Type
avCmListMeasLoadBallIncLstHr	enterprises.6889.2.73.8.1.127	

Description

The avCmListMeasLoadBallIncLstHr MIB Group uses the **list measurements load-balance incoming last-hour** command to retrieve trunk load data for port-networks from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBallncLstHr	SAT	list measurements load-balance incoming last-hour	PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBallncLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBallncLstHrEntry	n/a	A list of the avCmListMeasLoadBallncLstHr entries.
avCmListMeasLoadBallncLstHrEntry	.1.1	n/a	AvCmListMeasLoadBallncLstHrEntry	n/a	A avCmListMeasLoadBallncLstHr entry containing objects of the avCmListMeasLoadBallncLstHr

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information sent by the switch.
avCmListMeasLoadBalIncLstHrPNNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalIncLstHrPNNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalIncLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncLstHrIncIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage caused by incoming trunk calls to a station on the same port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncLstHrIncIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by incoming trunk calls to a station on the same port network
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncLstHrIncIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM time-slot usage caused by calls to a station on the port network from

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					an incoming trunk on another port network (in CCS).
avCmListMeasLoadBal IncLstHrIncIncomingPeg	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures caused by calls to a station on the port network from an incoming trunk on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncLstHrIncOutgoingUse	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM time-slot usage caused by calls to a station on another port network from an incoming trunk on the measured port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncLstHrIncOutgoingPeg	.1.1.10	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM time-slot seizures caused by calls to a station on another port network from an incoming trunk on the measured port network.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalOutLstHr Group

MIB group name	OID	Type
avCmListMeasLoadBalOutLstHr	enterprises.6889.2.73.8.1.128	

Description

The avCmListMeasLoadBalOutLstHr MIB Group uses the `list measurements load-balance outgoing last-hour` command to retrieve trunk load data for port-networks from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalOutLstHr	SAT	<code>list measurements load-balance outgoing last-hour</code>	PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalOutLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalOutLstHrEntry	n/a	A list of the avCmListMeasLoadBalOutLstHr entries
avCmListMeasLoadBalOutLstHrEntry	.1.1	n/a	AvCmListMeasLoadBalOutLstHrEntry	n/a	A avCmListMeasLoadBalOutLstHr entry containing objects of the avCmListMeasLoadBalOutLstHr information sent by the switch.
avCmListMeasLoadBalOutLstHrPNNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalOutLstHrPNNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalOutLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBalOutLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBalOutLstHrOutIntraPNUsage	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage caused by outgoing calls made by stations on the measured port network and serviced by outgoing trunks on

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					the same port network (in CCS).
avCmListMeasLoadBal OutLstHrOutIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by outgoing calls made by stations on the measured port network and serviced by outgoing trunks on the same port network.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutLstHrOutIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM time-slot usage resulting from outgoing calls originated at stations on another port network but serviced by trunks on the port network being measured (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutLstHrOutIncomingPeg	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures resulting from outgoing calls originated at stations on another port network, but serviced by trunks on the port network being measured.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutLstHrOutOutgoingUse	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM time-slot usage resulting

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					from outgoing calls originated at stations on the port network being measured, but serviced by trunks on another port network (in CCS).
avCmListMeasLoadBal OutLstHrOutOutgoingPeg	.1.1.1 0	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM time-slot seizures resulting from outgoing calls originated at stations on the port network being measured, but serviced by trunks on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalTandLstHr Group

MIB group name	OID	Type
avCmListMeasLoadBalTandLstHr	enterprises.6889.2.73.8.1.129	

Description

The avCmListMeasLoadBalTandLstHr MIB Group uses the **list measurements load-balance tandem last-hour** command to retrieve trunk load data for port-networks from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalTandLstHr	SAT	list route-patternlist measurements load-balance tandem last-hour	PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalTandLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalTandLstHrEntry	n/a	A list of the avCmListMeasLoadBalTandLstHr entries.
avCmListMeasLoadBalTandLstHrEntry	.1.1	n/a	AvCmListMeasLoadBalTandLstHrEntry	n/a	A avCmListMeasLoadBalTandLstHr entry containing objects of the avCmListMeasLoadBalTandLstHr information sent by the switch

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalTandLstHrPNNumberId x	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalTandLstHrPNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalTandLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandLstHrTanIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM usage caused by tandem trunk calls originating and terminating on the port network being measured (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandLstHrTanIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by tandem trunk calls originating and terminating on the port network being measured.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandLstHrTanIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM usage resulting from tandem trunk calls originating on another port network, but

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					terminating on the port network being measured (in CCS).
avCmListMeasLoadBal TandLstHrTanIncoming Peg avCmListRoutePattern TGNumber5	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures resulting from tandem trunk calls originating on another port network, but terminating on the port network being measured. That is, the number of times a PN link time-slot is denied.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBal TandLstHrTanOutgoing Use	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM usage resulting from tandem trunk calls originating on the port network being measured, but terminating on another port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBal TandLstHrTanOutgoing Peg	.1.1.1 0	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM time-slot seizures resulting from tandem trunk calls originating on the port network being measured, but terminating on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalTotalYest Group

MIB group name	OID	Type
avCmListMeasLoadBalTotalYest	enterprises.6889.2.73.8.1.130	

Description

The avCmListMeasLoadBalTotalYest MIB Group uses the `list measurements load-balance total yesterday` command to retrieve load data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalTotalYest	SAT	<code>list measurements load-balance total yesterday</code>	PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalTotalYestTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalTotalYestEntry	n/a	A list of the avCmListMeasLoadBalTotalYest entries.
avCmListMeasLoadBalTotalYestEntry	.1.1	n/a	AvCmListMeasLoadBalTotalYestEntry	n/a	A avCmListMeasLoadBalTotalYest entry containing objects of the avCmListMeasLoadBalTotalYest information sent by the switch.
avCmListMeasLoadBalTotalYestPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalTotalYestPNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalTotalYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBalTotalYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBalTotalYestTDMUsage	.1.1.5	R	Integer32 (0..999999)	TDM Usage	An object containing the sum of the allocated TDM time slots for all 100-second intervals in the measurement period.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBalTotalYestTDM Peg	.1.1.6	R	Integer32 (0..99999)	TDM Peg	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					number of times that a TDM slot is allocated to the port network.
avCmListMeasLoadBal TotalYestTDMPeak	.1.1.7	R	Integer32 (0..99999)	TDM Peak	An object containing the maximum number of time-slots allocated during the measurement period.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestTDMBlockage	.1.1.8	R	Integer32 (0..99999)	TDM Blockage	An object containing the total count of TDM blockages that is, the total number of times a TDM time-slot request is denied for the PN.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestTDMOccupancy	.1.1.9	R	Integer32 (0..999)	(PN) Link Time-slots	An object containing the percentage of time division multiplexed occupancy. Calculated by: TDM occupancy = (TDM usage / total potential usage) * 100Port
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestPNlinkUsage	.1.1.10	R	Integer32 (0..99999)	(PN) Link Usage	An object containing the sum of the allocated PN link slots for all 100-second intervals in the measurement period.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestPNlinkPeg	.1.1.11	R	Integer32 (0..99999)	(PN) Link Peg	An object containing the total count of circuit switched time-slot seizure attempts for the link(s).
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestPNlinkPeak	.1.1.12	R	Integer32 (0..99999)	(PN) Link Peak	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					maximum number of time slots allocated at any one time on the PN links.
avCmListMeasLoadBal TotalYestPNlinkBlockage	.1.1.1 3	R	Integer32 (0..99999)	(PN) Link Blockage	An object containing the total count of circuit switched PN blockages, that is, the number of times a PN link time-slot is denied.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					
avCmListMeasLoadBal TotalYestPNlinkOccupancy	.1.1.1 4	R	Integer32 (0..999)	(PN) Link Occupancy	An object containing The occupancy of the PN link slots. This value is calculated as: PN link occupancy = (PN link usage / total potential usage) * 100.
PORT NETWORK LOAD BALANCE STUDY REPORT TOTAL CALLS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalInterYest Group

MIB group name	OID	Type
avCmListMeasLoadBalInterYest	enterprises.6889.2.73.8.1.131	

Description

The avCmListMeasLoadBalInterYest MIB Group uses the **list measurements load-balance intercom yesterday** command to retrieve load data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalInterYest	SAT	<code>list measurements load-balance intercom yesterday</code>	PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalInterYestTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalInterYestEntry	n/a	A list of the avCmListMeasLoadBalInterYest entries.
avCmListMeasLoadBalInterYestEntry	.1.1	n/a	AvCmListMeasLoadBalInterYestEntry	n/a	A avCmListMeasLoadBalInterYest entry containing objects of the avCmListMeasLoadBalInterYest information sent by the switch.
avCmListMeasLoadBalInterYestPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalInterYestPNNumber	.1.1.2	n/a	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalInterYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmListMeasLoadBalInterYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmListMeasLoadBalInterYestIntIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage caused by station-to-station calls between terminals on the same port network (displayed in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmListMeasLoadBalInterYestIntIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by station-to-station calls between terminals on the same PN.
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmListMeasLoadBalInterYestIntInterPNUse	.1.1.7	R	Integer32 (0..99999)	Inter PN Usage	An object containing the TDM time-slot usage caused by station-to-station calls between terminals on different port networks (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					
avCmListMeasLoadBalInterYestIntInterPNPeg	.1.1.8	R	Integer32 (0..99999)	Inter PN Peg	An object containing the TDM time slot seizures caused by station-

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT INTERCOM CALLS					to-station calls between terminals on different PNs.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBallncYest Group

MIB group name	OID	Type
avCmListMeasLoadBallncYest	enterprises.6889.2.73.8.1.132	

Description

The avCmListMeasLoadBallncYest MIB Group uses the `list measurements load-balance incoming yesterday` command to retrieve trunk load data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBallncYest	SAT	<code>list measurements load-balance incoming yesterday</code>	PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalIncYestTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalIncYestEntry	n/a	A list of the avCmListMeasLoadBalIncYest entries.
avCmListMeasLoadBalIncYestEntry	.1.1	n/a	AvCmListMeasLoadBalIncYestEntry	n/a	A avCmListMeasLoadBalIncYest entry containing objects of the avCmListMeasLoadBalIncYest information sent by the switch.
avCmListMeasLoadBalIncYestPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalIncYestPNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalIncYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBalIncYestIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					caused by incoming trunk calls to a station on the same port network (in CCS).
avCmListMeasLoadBal IncYestIncIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by incoming trunk calls to a station on the same port network.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncYestIncIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM time-slot usage caused by calls to a station on the port network from an incoming trunk on another port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncYestIncIncomingPeg	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures caused by calls to a station on the port network from an incoming trunk on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncYestIncOutgoingUse	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM time-slot usage caused by calls to a station on another port network from an incoming trunk on the measured port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					
avCmListMeasLoadBal IncYestIncOutgoingPeg	.1.1.10	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT INCOMING TRUNK					time-slot seizures caused by calls to a station on another port network from an incoming trunk on the measured port network.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalOutYest Group

MIB group name	OID	Type
avCmListMeasLoadBalOutYest	enterprises.6889.2.73.8.1.133	

Description

The avCmListMeasLoadBalOutYest MIB Group uses the **list measurements load-balance outgoing yesterday** command to retrieve trunk load data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalOutYest	SAT	list measurements load-balance outgoing yesterday	PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalOutYestTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalOutYestEntry	n/a	A list of the avCmListMeasLoadBalOutYest entries.
avCmListMeasLoadBalOutYestEntry	.1.1	n/a	AvCmListMeasLoadBalOutYestEntry	n/a	A avCmListMeasLoadBalOutYest entry containing objects of the avCmListMeasLoadBalOutYest information sent by the switch.
avCmListMeasLoadBalOutYestPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalOutYestPNNumber	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number.
avCmListMeasLoadBalOutYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBal OutYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutYestOutIntraPNUse	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM time-slot usage caused by outgoing calls made by stations on the measured port network and serviced by outgoing trunks on the same port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutYestOutIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by outgoing calls made by stations on the measured port network and serviced by outgoing trunks on the same port network.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBal OutYestOutIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM time-slot usage resulting from outgoing calls originated at stations on another port network but serviced by trunks on the port network being measured (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalOutYestOutIncomingPeg	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures resulting from outgoing calls originated at stations on another port network, but serviced by trunks on the port network being measured.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBalOutYestOutOutgoingUse	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM time-slot usage resulting from outgoing calls originated at stations on the port network being measured, but serviced by trunks on another port network (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					
avCmListMeasLoadBalOutYestOutOutgoingPeg	.1.1.10	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM time-slot seizures resulting from outgoing calls originated at stations on the port network being measured, but serviced by trunks on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT OUTGOING TRUNK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasLoadBalTandYest Group

MIB group name	OID	Type
avCmListMeasLoadBalTandYest	enterprises.6889.2.73.8.1.134	

Description

The avCmListMeasLoadBalTandYest MIB Group uses the `list measurements load-balance tandem yesterday` command to retrieve trunk load data for port-networks from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasLoadBalTandYest	SAT	<code>list measurements load-balance tandem yesterday</code>	PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasLoadBalTandYestTable	.1	n/a	SEQUENCE OF AvCmListMeasLoadBalTandYestEntry	n/a	A list of the avCmListMeasLoadBalTandYest entries.
avCmListMeasLoadBalTandYestEntry	.1.1	n/a	AvCmListMeasLoadBalTandYestEntry	n/a	A avCmListMeasLoadBalTandYest entry containing objects of the avCmListMeasLoadBalTandYest information sent by the switch.
avCmListMeasLoadBalTandYestPNNumberIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasLoadBalTandYestPNNumber	.1.1.2	n/a	Integer32 (0..99)	PN	An object containing the Port Network number.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBalTandYestTanIntraPNUsage	.1.1.5	R	Integer32 (0..99999)	Intra PN Usage	An object containing the TDM usage caused by tandem trunk calls originating and terminating on the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					port network being measured (in CCS).
avCmListMeasLoadBal TandYestTanIntraPNPeg	.1.1.6	R	Integer32 (0..99999)	Intra PN Peg	An object containing the count of TDM time-slot seizures caused by tandem trunk calls originating and terminating on the port network being measured.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBal TandYestTanIncomingUse	.1.1.7	R	Integer32 (0..99999)	Incoming Usage	An object containing the TDM usage resulting from tandem trunk calls originating on another port network, but terminating on the port network being measured (in CCS).
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBal TandYestTanIncomingPeg	.1.1.8	R	Integer32 (0..99999)	Incoming Peg	An object containing the count of TDM time-slot seizures resulting from tandem trunk calls originating on another port network, but terminating on the port network being measured. That is, the number of times a PN link time-slot is denied.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					
avCmListMeasLoadBal TandYestTanOutgoingUse	.1.1.9	R	Integer32 (0..99999)	Outgoing Usage	An object containing the TDM usage resulting from tandem trunk calls originating on the port network

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					being measured, but terminating on another port network (in CCS).
avCmListMeasLoadBal TandYestTanOutgoingPeg	.1.1.1 0	R	Integer32 (0..99999)	Outgoing Peg	An object containing the count of TDM time-slot seizures resulting from tandem trunk calls originating on the port network being measured, but terminating on another port network.
PORT NETWORK LOAD BALANCE STUDY REPORT TANDEM TRUNK					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPCodSumLstHr Group

MIB group name	OID	Type
avCmListMeasIPCodSumLstHr	enterprises.6889.2.73.8.1.135	

Description

The avCmListMeasIPCodSumLstHr MIB Group uses the **list measurements ip codec summary last-hour** command to retrieve codec resource data for network regions from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPCodSumLstHr	SAT	<code>list measurements ip codec summary last-hour</code>	IP CODEC RESOURCE SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPCodSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasIPCodSumLstHrEntry	n/a	A list of the avCmListMeasIPCodSumLstHr entries.
avCmListMeasIPCodSumLstHrEntry	.1.1	n/a	AvCmListMeasIPCodSumLstHrEntry	n/a	A avCmListMeasIPCodSumLstHr entry containing objects of the avCmListMeasIPCodSumLstHr information sent by the switch.
avCmListMeasIPCodSumLstHrRegionIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasIPCodSumLstHrRegion	.1.1.2	R	Integer32 (0..9999)	Region	An object containing The network region that the IP Media Processors and Medpros for this

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					measurement are in. Range: 1-44.
avCmListMeasIPCodSumLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrDSPRecs	.1.1.5	R	Integer32 (0..99999)	G711 DSP Rscs	An object containing the total IP codec resources (voice channels) in the region.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrG711Usage	.1.1.6	R	SnmpAdminString (SIZE (0..7))	G711 Usage (Erl)	An object containing the usage in Erlangs of G.711 codecs during the measurement interval. Includes time that the voice channels are on a call. Usage shall be measured from the time the voice channel is allocated until it is released.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrG711InRegionPeg	.1.1.7	R	Integer32 (0..99999)	G711 In Reg Peg	An object containing the total number of times an IP media processor port in the region was allocated to a G.711 call. Range: 0-65535.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrG711OutRegionPeg	.1.1.8	R	Integer32 (0..99999)	G711 Out Reg Peg	An object containing the total number of times an IP media processor

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP CODEC RESOURCE SUMMARY REPORT					port was needed in the region for a G.711 call, but was successfully allocated to a resource in another region. Out of Region does not include denials.
avCmListMeasIPCodSumLstHrG723Usage	.1.1.9	R	SnmpAdminString (SIZE (0..7))	G723/9 Usage (Erl)	An object containing the usage in Erlangs of G.723 or G.729 codecs during the measurement interval. Includes time that the voice channels are on a call. Usage is measured from the time the voice channel is allocated until it is released.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrG723InRegionPeg	.1.1.10	R	Integer32 (0..99999)	G723/9 In Reg Peg	An object containing the total number of times an IP media processor port in the region was allocated to a G.723 or G.729 call. Range: 0-65535..
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumLstHrG723OutRegionPeg	.1.1.11	R	Integer32 (0..99999)	G723/9 Out Reg Peg	An object containing the total number of times an IP media processor port was needed in the region for a G.723 or G.729 call, but was successfully allocated to a resource in another region. Out of Region does not include denials.
IP CODEC RESOURCE SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPCodSumYest Group

MIB group name	OID	Type
avCmListMeasIPCodSumYest	enterprises.6889.2.73.8.1.136	

Description

The avCmListMeasIPCodSumYest MIB Group uses the `list measurements ip codec summary yesterday` command to retrieve codec resource data for network regions from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPCodSumYest	SAT	<code>list measurements ip codec summary yesterday</code>	IP CODEC RESOURCE SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPCodSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasIPCodSumYestEntry	n/a	A list of the avCmListMeasIPCodSumYest entries.
avCmListMeasIPCodSumYestEntry	.1.1	n/a	AvCmListMeasIPCodSumYestEntry	n/a	A avCmListMeasIPCodSumYest entry containing objects of the avCmListMeasIPCodSumYest information sent by the switch.
avCmListMeasIPCodSumYestRegionIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasIPCodSumYestRegion	.1.1.2	R	Integer32 (0..9999)	Region	An object containing The network region that the IP Media Processors and Medpros for this measurement are in. Range: 1-44.
avCmListMeasIPCodSumYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Name	An object containing the Date the command was executed.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestDSPRecs	.1.1.5	R	Integer32 (0..99999)	G711 DSP Rscs	An object containing the total IP codec resources (voice channels) in the region.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestG711Usage	.1.1.6	R	SnmpAdminString (SIZE (0..7))	G711 Usage (Erl)	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP CODEC RESOURCE SUMMARY REPORT					usage in Erlangs of G.711 codecs during the measurement interval. Includes time that the voice channels are on a call. Usage shall be measured from the time the voice channel is allocated until it is released.
avCmListMeasIPCodSumYestG711InRegionPeg	.1.1.7	R	Integer32 (0..99999)	G711 In Reg Peg	An object containing the total number of times an IP media processor port in the region was allocated to a G.711 call. Range: 0-65535.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestG711OutRegionPeg	.1.1.8	R	Integer32 (0..99999)	G711 Out Reg Peg	An object containing the total number of times an IP media processor port was needed in the region for a G.711 call, but was successfully allocated to a resource in another region. Out of Region does not include denials.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestG723Usage	.1.1.9	R	SnmpAdminString (SIZE (0..7))	G723/9 Usage (Erl)	An object containing the usage in Erlangs of G.723 or G.729 codecs during the measurement interval. Includes time that the voice channels are on a call. Usage is measured from the time the voice

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP CODEC RESOURCE SUMMARY REPORT					channel is allocated until it is released.
avCmListMeasIPCodSumYestG723InRegionPeg	.1.1.1 0	R	G723/9 In Reg Peg	G723/9 In Reg Peg	An object containing the total number of times an IP media processor port in the region was allocated to a G.723 or G.729 call. Range: 0-65535.
IP CODEC RESOURCE SUMMARY REPORT					
avCmListMeasIPCodSumYestG723OutRegionPeg	.1.1.1 1	R	Integer32 (0..99999)	G723/9 Out Reg Peg	An object containing the total number of times an IP media processor port was needed in the region for a G.723 or G.729 call, but was successfully allocated to a resource in another region. Out of Region does not include denials.
IP CODEC RESOURCE SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPDspResSumLstHr Group

MIB group name	OID	Type
avCmListMeasIPDspResSumLstHr	enterprises.6889.2.73.8.1.137	

Description

The avCmListMeasIPDspResSumLstHr MIB Group uses the **list measurements ip dsp-resource summary last-hour** command to retrieve IP DSP resource data for network regions from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPDspResSumLstHr	SAT	<code>list measurements ip dsp-resource summary last-hour</code>	IP DSP RESOURCE SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPDspResSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasIPDspResSumLstHrEntry	n/a	A list of the avCmListMeasIPDs pResSumLstHr entries.
avCmListMeasIPDspResSumLstHrEntry	.1.1	n/a	AvCmListMeasIPDspResSumLstHrEntry	n/a	A avCmListMeasIPDs pResSumLstHr entry containing objects of the avCmListMeasIPDs pResSumLstHr

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information sent by the switch.
avCmListMeasIPDspResSumLstHrRegionIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasIPDspResSumLstHrRegion	.1.1.2	R	Integer32 (0..9999)	Region	An object containing The network region that the IP Media Processors and Medpros for this measurement are in. Range: 1-44.
avCmListMeasIPDspResSumLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumLstHrG711EstCap	.1.1.5	R	Integer32 (0..99999)	G711 Est Capcty	An object containing the maximum number of unencrypted and simultaneous G.711 DSP resources that a network region supports.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumLstHrDSPEquivRsrcPk	.1.1.6	R	Integer32 (0..99999)	DSP Equivalent Rsrc Peak	An object containing the maximum number of G.711 equivalent DSP resources in use during the measurement hour.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumLstHrDSPUsage	.1.1.7	R	SnmpAdminString (SIZE (0..8))	DSP Usage (Erl)	An object containing the time that the G.711 codecs are in use during the measurement

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP DSP RESOURCE SUMMARY REPORT					period. The time is measured from the time the voice channel is allocated until it is released, including the time that the voice channel is on a call.
avCmListMeasIPDspResourcesSumLstHrTotDSPPegs	.1.1.8	R	Integer32 (0..99999)	Total DSP Pegs	An object containing the number of times that the media processor resources are allocated to a network region during the measurement hour.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumLstHrInRegionPegs	.1.1.9	R	Integer32 (0..99999)	Endpoint Calculations In Reg Pegs	An object containing the number of times that an IP port is allocated to a call in the network region.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumLstHrOutRegionPegs	.1.1.10	R	Integer32 (0..99999)	Endpoint Calculations Out Reg Pegs	An object containing the number of times that an IP port is requested for a call in the network region, but is successfully allocated to a call in another network region.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumLstHrDeniedPegs	.1.1.11	R	Integer32 (0..99999)	Endpoint Calculations Denied Pegs	An object containing the number of times that an IP port is requested for a call, but is unavailable. The redirected calls are not considered as denied calls.
IP DSP RESOURCE SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPDspResSumLstHrPctDenied	.1.1.1.2	R	SnmpAdminString (SIZE (0..4))	% Denied	An object containing the percentage of calls that are denied during the measurement period.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumLstHrPctOutSrv	.1.1.1.3	R	SnmpAdminString (SIZE (0..4))	% Out of Srv	An object containing the percentage of the resource time that the ports are out of service during the measurement period. This value also includes the ports that are manually busied out or are used for maintenance during the measurement period.
IP DSP RESOURCE SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPDspResSumYest Group

MIB group name	OID	Type
avCmListMeasIPDspResSumYest	enterprises.6889.2.73.8.1.138	

Description

The avCmListMeasIPDspResSumYest MIB Group uses the **list measurements ip dsp-resource summary yesterday** command to retrieve IP DSP resource data for network regions from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPDspResSumYest	SAT	<code>list measurements ip dsp-resource summary yesterday</code>	IP DSP RESOURCE SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPDspResSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasIPDspResSumYestEntry	n/a	A list of the avCmListMeasIPDs pResSumYest entries.
avCmListMeasIPDspResSumYestEntry	.1.1	n/a	AvCmListMeasIPDspResSumYestEntry	n/a	A avCmListMeasIPDs pResSumYest entry containing objects of the avCmListMeasIPDs pResSumYest information sent by the switch.
avCmListMeasIPDspResSumYestRegionIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPDspResourcesSumYestRegion	.1.1.2	R	Integer32 (0..9999)	Region	An object containing The network region that the IP Media Processors and Medpros for this measurement are in. Range: 1-44.
avCmListMeasIPDspResourcesSumYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumYestG711EstCap	.1.1.5	R	Integer32 (0..99999)	G711 Est Capcty	An object containing the maximum number of unencrypted and simultaneous G.711 DSP resources that a network region supports.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumYestDSPEquivRsrcPk	.1.1.6	R	Integer32 (0..99999)	DSP Equivalent Rsrc Peak	An object containing the maximum number of G.711 equivalent DSP resources in use during the measurement hour.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResourcesSumYestDSPUsage	.1.1.7	R	SnmpAdminString (SIZE (0..8))	DSP Usage (Erl)	An object containing the time that the G.711 codecs are in use during the measurement period. The time is measured from the time the voice channel is allocated until it is released, including the time that the voice

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP DSP RESOURCE SUMMARY REPORT					channel is on a call..
avCmListMeasIPDspResSumYestTotDSPPegs	.1.1.8	R	Integer32 (0..99999)	Total DSP Pegs	An object containing the number of times that the media processor resources are allocated to a network region during the measurement hour.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumYestInRegionPegs	.1.1.9	R	Integer32 (0..99999)	Endpoint Calculations In Reg Pegs	An object containing the number of times that an IP port is allocated to a call in the network region.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumYestOutRegionPegs	.1.1.10	R	Integer32 (0..99999)	Endpoint Calculations Out Reg Pegs	An object containing the number of times that an IP port is requested for a call in the network region, but is successfully allocated to a call in another network region.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumYestDeniedPegs	.1.1.11	R	Integer32 (0..99999)	Endpoint Calculations Denied Pegs	An object containing the number of times that an IP port is requested for a call, but is unavailable. The redirected calls are not considered as denied calls.
IP DSP RESOURCE SUMMARY REPORT					
avCmListMeasIPDspResSumYestPctDenied	.1.1.12	R	SnmpAdminString (SIZE (0..4))	% Denied	An object containing the percentage of calls that are denied during the measurement period.
IP DSP RESOURCE SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPDspResourcesSumYestPctOutSrv	.1.1.1.3	R	SnmpAdminString (SIZE (0..4))	% Out of Srv	An object containing the percentage of the resource time that the ports are out of service during the measurement period. This value also includes the ports that are manually busied out or are used for maintenance during the measurement period.
IP DSP RESOURCE SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPSigGrpLstHr Group

MIB group name	OID	Type
avCmListMeasIPSigGrpLstHr	enterprises.6889.2.73.8.1.139	

Description

The avCmListMeasIPSigGrpLstHr MIB Group uses the **list measurements ip signaling-group last-hour** command to retrieve IP signaling-group resource data for signaling groups from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPSigGrpLstHr	SAT	<code>list measurements ip signaling- groups last-hour</code>	IP SIGNALING GROUPS LATENCY AND LOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPSigGrpLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasIPSigGrpLstHrEntry	n/a	A list of the avCmListMeasIPSigGrpLstHr entries
avCmListMeasIPSigGrpLstHrEntry	.1.1	n/a	AvCmListMeasIPSigGrpLstHrEntry	n/a	A avCmListMeasIPSigGrpLstHr entry containing objects of the avCmListMeasIPSigGrpLstHr information sent by the switch.
avCmListMeasIPSigGrpLstHrSigGroupIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasIPSigGrpLstHrSigGroup	.1.1.2	R	Integer32 (0..9999)	Sig Grp No	An object containing the ip signaling group number.
avCmListMeasIPSigGrpLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPSigGr pLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrRegion	.1.1.5	R	Integer32 (0..9999)	Region	An object containing the network region of the ip signaling group.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrHourAvgLatency	.1.1.6	R	Integer32 (0..99999)	Hour Average Latency(ms)	An object containing the average latency for the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrHourPacketsSent	.1.1.7	R	Integer32 (0..9999)	Hour Packets Sent	An object containing the number of packets sent during the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrHourPktsLostPct	.1.1.8	R	SnmpAdminString (SIZE (0..4))	Hour Packets Lost(%)	An object containing the percent lost packets for the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrWorstInterval	.1.1.9	R	SnmpAdminString (SIZE (0..7))	Hour/Worst Interval	An object containing the hour and worst 3 minute interval within the hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrIntvlAvgLatency	.1.1.10	R	Integer32 (0..99999)	Interval Average Latency(ms)	An object containing the average latency for the interval.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pLstHrIntvlPacketsSent	.1.1.11	R	Integer32 (0..999)	Interval Packets Sent	An object containing the number of packets sent during the interval.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPSigGrpLstHrIntvIPktsLostPct	.1.1.1.2	R	SnmpAdminString (SIZE (0..4))	Interval Packets Lost(%)	An object containing the percent of packets lost for the interval.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasIPSigGrpYest Group

MIB group name	OID	Type
avCmListMeasIPSigGrpYest	enterprises.6889.2.73.8.1.140	

Description

The avCmListMeasIPSigGrpYest MIB Group uses the **list measurements ip signaling-group yesterday** command to retrieve IP signaling-group resource data for signaling groups from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day because the data is only updated near the beginning of the day.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasIPSigGrpYest	SAT	<code>list measurements ip signaling- groups yesterday</code>	IP SIGNALING GROUPS LATENCY AND LOSS REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasIPSigGrpYestTable	.1	n/a	SEQUENCE OF AvCmListMeasIPSigGrpYestEntry	n/a	A list of the avCmListMeasIPSigGrpYest entries
avCmListMeasIPSigGrpYestEntry	.1.1	n/a	AvCmListMeasIPSigGrpYestEntry	n/a	A avCmListMeasIPSigGrpYest entry containing objects of the avCmListMeasIPSigGrpYest information sent by the switch.
avCmListMeasIPSigGrpYestSigGroupIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListMeasIPSigGrpYestSigGroup	.1.1.2	R	Integer32 (0..9999)	Sig Grp No	Sig Grp No.
avCmListMeasIPSigGrpYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGrpYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestRegion	.1.1.5	R	Integer32 (0..9999)	Region	An object containing the network region of the ip signaling group.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestHourAvgLatency	.1.1.6	R	Integer32 (0..99999)	Hour Average Latency(ms)	An object containing the average latency for the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestHourPacketsSent	.1.1.7	R	Integer32 (0..9999)	Hour Packets Sent	An object containing the number of packets sent during the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestHourPktsLostPct	.1.1.8	R	SnmpAdminString (SIZE (0..4))	Hour Packets Lost(%)	An object containing the percent lost packets for the whole hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestWorstInterval	.1.1.9	R	SnmpAdminString (SIZE (0..7))	Hour/Worst Interval	An object containing the hour and worst 3 minute interval within the hour.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestIntvlAvgLatency	.1.1.1 0	R	Integer32 (0..99999)	Interval Average Latency(ms)	An object containing the average latency for the interval.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestIntvlPacketsSent	.1.1.1 1	R	Integer32 (0..999)	Interval Packets Sent	An object containing the number of packets sent during the interval.
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					
avCmListMeasIPSigGr pYestIntvlPktsLostPct	.1.1.1 2	R	SnmpAdminString (SIZE (0..4))	Interval Packets Lost(%)	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP SIGNALING GROUPS LATENCY AND LOSS REPORT					percent of packets lost for the interval

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCallRateData Group

MIB group name	OID	Type
avCmListMeasCallRateData	enterprises.6889.2.73.8.1.141	

Description

The avCmListMeasCallRateData MIB Group uses the `list measurements call-rate data` command to retrieve data call-rate information.

Releases Supported

7.1 and later

Polling Type

Configuration and Inventory

Polling Interval

Not more than once every 5 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCallRate Data	SAT	<code>list measurements call-rate data</code>	DATA CALL RATE MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate DataRunDate	.1	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataMeasHourLstHr	.2	R	Integer32 (0..2300)	Hour	An object containing the Hour the measurement was taken.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataNumCallsCompLst Hr	.3	R	Integer32 (0..999999)	Last Hour # Compl	An object containing the number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsylntHrLstHr	.4	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the hour of the busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsylntMnLstHr	.5	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the minute of the busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsylntScLstHr	.6	R	InteSnmpAdminStri ng (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the second of the busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsyCallCmpLstHr	.7	R	Integer32 (0..999999)	Last Hour Calls Compl	An object containing the total number of calls

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
DATA CALL RATE MEASUREMENTS					completed in the listed busy interval.
avCmListMeasCallRateDataBusyHrMeasHourTp	.8	R	Integer32 (0..2300)	Today Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBusyHrNumCallsCmplTp	.9	R	Integer32 (0..999999)	Today Peak Calls Compl	An object containing the total number of calls completed in the listed busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBusyHrBsylntHrTp	.10	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Hour Busy Int. (36 sec.)	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataIntMnTp	.11	R	Today Peak Busiest Minute Busy Int. (36 sec.)	Today Peak Busiest Minute Busy Int. (36 sec.)	An object containing the minute field of today's busiest hour.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsylntScTp	.12	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Second Busy Int. (36 sec.)	An object containing the second field of today's busiest hour.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsylntCmplTp	.13	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataMeasHourTpBi	.14	R	Integer32 (0..2300)	Today Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
DATA CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate DataNumCallsComplTo dayTpBi	.15	R	Integer32 (0..999999)	Today Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsyIntHrTodayTpB i	.16	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataIntMnTodayTpBi	.17	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsyIntScTodayTp Bi	.18	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataBsyCallCmplToday TpBi	.19	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataMeasHourBsyHrY est	.20	R	Integer32 (0..2300)	which the data was recorded	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRate DataNumCallsComplBs yHrYest	.21	R	Integer32 (0..999999)	Yesterday Peak Busiest Hour Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom), during the listed hour.
DATA CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRateDataBsyIntHrBsyHrYes t	.22	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataIntMnBsyHrYest	.23	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Minute	An object containing the minute field of yesterday's hour with the busiest 36-second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyIntScBsyHrYes t	.24	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Second	An object containing the second field of yesterday's hour with the busiest 36-second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyHrCallCmplYes t	.25	R	Integer32 (0..9999)	Yesterday Peak Busiest Hour # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyIntMeasHourBi Yest avCmListRoutePattern TGNumber11	.26	R	Integer32 (0..2300)	Yesterday Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataNumCallsComplBs yHrYestYpBi	.27	R	Integer32 (0..999999)	Yesterday Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyIntHrBsyHrYes tYpBi	.28	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Peak Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
DATA CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRateDataIntMnBsyHrYestYpBi	.29	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36-second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyIntScBsyHrYestYpBi	.30	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36-second interval.
DATA CALL RATE MEASUREMENTS					
avCmListMeasCallRateDataBsyCallCmplBsyHrYestYpBi	.31	R	Integer32 (0..9999)	Yesterday Peak Busiest Interval # Busy Int. Calls Compl	An Object that uniquely identifies the trunk group associated with group number 16An object containing the total number of calls completed in the listed busy interval.
DATA CALL RATE MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCallRateVoice Group

MIB group name	OID	Type
avCmListMeasCallRateVoice	enterprises.6889.2.73.8.1.142	

Description

The avCmListMeasCallRateVoice MIB Group uses the list measurements call-rate voice command to retrieve voice call-rate information.

Releases Supported

7.1 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once in every 5 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCallRateVoice	SAT	list measurements call-rate voice	VOICE CALL RATE MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRateVoiceRunDate	.1	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRateVoiceMeasHourLstHry	.2	R	Integer32 (0..2300)	Hour	An object containing the Hour the measurement was taken.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRateVoiceNumCallsCompletedHr	.3	R	Integer32 (0..999999)	Last Hour # Compl	An object containing the number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
VOICE CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate VoiceBsyIntHrLstHr	.4	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the hour of the busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntMnLstHr	.5	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the minute of the busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntScLstHr	.6	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the second of the busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyCallCmplLstHr	.7	R	Integer32 (0..999999)	Last Hour Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBusyHrMeasHour Tp	.8	R	Integer32 (0..2300)	Today Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBusyHrNumCalls ComplTp	.9	R	Integer32 (0..999999)	Today Peak Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBusyHrBsyIntHrT p	.10	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Hour Busy Int. (36 sec.)	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceIntMnTp	.11	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Minute Busy Int. (36 sec.)	An object containing the minute field of today's busiest hour.
VOICE CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate VoiceBsyIntScTp	.12	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Second Busy Int. (36 sec.)	An object containing the second field of today's busiest hour.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyCallCmplTp	.13	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceMeasHourTpBi	.14	R	Integer32 (0..2300)	Today Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceNumCallsComplT odayTpBi	.15	R	Integer32 (0..999999)	Today Peak Busiest Interval Calls Compl	The number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntHrTodayTp Bi	.16	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceIntMnTodayTpBi	.17	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntScTodayTp Bi	.18	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
VOICE CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate VoiceBsyCallCmplTodayTpBi	.19	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceMeasHourBsyHrYest	.20	R	Integer32 (0..2300)	Yesterday Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceNumCallsCmplBsyHrYest	.21	R	Integer32 (0..999999)	Yesterday Peak Busiest Hour Calls Compl	The number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntHrBsyHrYest	.22	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceIntMnBsyHrYest	.23	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Minute	An object containing the minute field of yesterday's hour with the busiest 36- second interval..
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntScBsyHrYest	.24	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Second	An object containing the second field of yesterday's hour with the busiest 36- second interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyHrCallCmplYest	.25	R	Integer32 (0..9999)	Yesterday Peak Busiest Hour # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate VoiceBsyIntMeasHour BiYest	.26	R	Integer32 (0..2300)	Yesterday Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceNumCallsComplB syHrYestYpBi	.27	R	Integer32 (0..999999)	Yesterday Peak Busiest Interval Calls Compl	The number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntHrBsyHrYe stYpBi	.28	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Peak Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceIntMnBsyHrYestY pBi	.29	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyIntScBsyHrYe stYpBi	.30	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
VOICE CALL RATE MEASUREMENTS					
avCmListMeasCallRate VoiceBsyCallCmplBsy HrYestYpBi	.31	R	Integer32 (0..9999)	Yesterday Peak Busiest Interval # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
VOICE CALL RATE MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCallRateService Group

MIB group name	OID	Type
avCmListMeasCallRateService	enterprises.6889.2.73.8.1.143	

Description

The avCmListMeasCallRateService MIB Group uses the **list measurements call-rate service-link** command to retrieve service link call-rate information.

Releases Supported

7.1 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once every 5 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCallRateService	SAT	list measurements call-rate service-link	SERVICE LINK CALL RATE MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate ServiceRunDate	.1	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceMeasHourLstHr	.2	R	Integer32 (0..2300)	Hour	An object containing the Hour the measurement was taken.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceNumCallsComp LstHr	.3	R	Integer32 (0..999999)	Last Hour # Compl	An object containing the number of calls completed, or answered (including incoming, outgoing, and intercom) during the listed hour.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntHrLstHr	.4	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the hour of the busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntMnLstHr	.5	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the minute of the busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntScLstHr	.6	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the second of the busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyCallCmpLst Hr avCmListRoutePattern TGNumber2	.7	R	Integer32 (0..999999)	Last Hour Calls Compl	An object containing the total number of calls completed in the listed busy interval.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBusyHrMeasHourTp	.8	R	Integer32 (0..2300)	Today Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBusyHrNumCallsComplTp	.9	R	Integer32 (0..999999)	Today Peak Calls Compl	An object containing the total number of calls completed in the listed busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBusyHrBsylntHrTp	.10	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Hour Busy Int. (36 sec.)	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceIntMnTp	.11	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Minute Busy Int. (36 sec.)	An object containing the minute field of today's busiest hour.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsylntScTp	.12	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Second Busy Int. (36 sec.)	An object containing the second field of today's busiest hour.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyCallComplTp	.13	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceMeasHourTpBi	.14	R	Integer32 (0..2300)	Today Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SERVICE LINK CALL RATE MEASUREMENTS					which the data was recorded.
avCmListMeasCallRate ServiceNumCallsComp lTodayTpBi	.15	R	Integer32 (0..999999)	Today Peak Busiest Interval Calls Compl	The number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntHrTodayT pBi	.16	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceIntMnTodayTpB i	.17	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36-second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntScToday TpBi	.18	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36-second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyCallCmplTo dayTpBi	.19	R	Integer32 (0..9999)	Integer32 (0..9999)	An object containing the total number of calls completed in the listed busy interval
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceMeasHourBsyH rYest	.20	R	Integer32 (0..2300)	Yesterday Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
SERVICE LINK CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate ServiceNumCallsComp IBsyHrYest	.21	R	Integer32 (0..999999)	Yesterday Peak Busiest Hour Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntHrBsyHr Yest	.22	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceIntMnBsyHrYest	.23	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Minute	An object containing the minute field of yesterday's hour with the busiest 36- second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntScBsyHr Yest	.24	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Second	An object containing the second field of yesterday's hour with the busiest 36- second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyHrCallCmpl Yest	.25	R	Integer32 (0..9999)	Yesterday Peak Busiest Hour # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntMeasHou rBiYest	.26	R	Integer32 (0..2300)	Yesterday Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceNumCallsComp IBsyHrYestYpBi	.27	R	Integer32 (0..999999)	Yesterday Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SERVICE LINK CALL RATE MEASUREMENTS					intercom),during the listed hour.
avCmListMeasCallRate ServiceBsyIntHrBsyHr YestYpBi	.28	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Peak Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceIntMnBsyHrYest YpBi	.29	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36-second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyIntScBsyHr YestYpBi	.30	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36-second interval.
SERVICE LINK CALL RATE MEASUREMENTS					
avCmListMeasCallRate ServiceBsyCallCmplBsy HrYestYpBi	.31	R	Integer32 (0..9999)	Yesterday Peak Busiest Interval # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
SERVICE LINK CALL RATE MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCallRateMultiMed Group

MIB group name	OID	Type
avCmListMeasCallRateMultiMed	enterprises.6889.2.73.8.1.144	

Description

The avCmListMeasCallRateMultiMed MIB Group uses the **list measurements call-rate multimedia** command to retrieve multi media call-rate information.

Releases Supported

7.1 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once every 5 minutes.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCallRate MultiMed	SAT	list measurements call-rate multimedia	MULTIMEDIA CALL RATE MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate MultiMedRunDate	.1	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedMeasHourLst Hr	.2	R	Integer32 (0..2300)	Hour	An object containing the Hour the measurement was taken.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedNumCallsCom pLstHr	.3	R	Integer32 (0..999999)	Last Hour # Compl	An object containing the number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntHrLstHr	.4	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the hour of the busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntMnLstH r avCmListRoutePattern Name	.5	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the minute of the busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntScLstHr	.6	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the second of the busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyCallCmplL stHr	.7	R	Integer32 (0..999999)	Last Hour Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBusyHrMeasH ourTp	.8	R	Integer32 (0..2300)	Today Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MULTIMEDIA CALL RATE MEASUREMENTS					which the data was recorded.
avCmListMeasCallRate MultiMedBusyHrNumC allsComplTp	.9	R	Integer32 (0..999999)	Today Peak Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBusyHrBsylnt HrTp	.10	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Hour Busy Int. (36 sec.)	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedIntMnTp	.11	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Minute Busy Int. (36 sec.)	An object containing the minute field of today's busiest hour.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsylntScTp	.12	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Second Busy Int. (36 sec.)	An object containing the second field of today's busiest hour.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsylntScTp	.13	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedMeasHourTpB i	.14	R	Integer32 (0..2300)	Today Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedNumCallsCom plTodayTpBi	.15	R	Integer32 (0..999999)	Today Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming,

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MULTIMEDIA CALL RATE MEASUREMENTS					outgoing, and intercom),during the listed hour.
avCmListMeasCallRate MultiMedBsyIntHrTodayTpBi	.16	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedIntMnTodayTpBi	.17	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36-second interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntScTodayTpBi	.18	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36-second interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyCallCmplTodayTpBi	.19	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedMeasHourBsyHrYest	.20	R	Integer32 (0..2300)	Yesterday Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedNumCallsComplBsyHrYest	.21	R	Integer32 (0..999999)	Yesterday Peak Busiest Hour Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
MULTIMEDIA CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate MultiMedBsyIntHrBsyH rYest	.22	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedIntMnBsyHrYe st	.23	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Minute	An object containing the minute field of yesterday's hour with the busiest 36- second interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntScBsyH rYest	.24	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Second	An object containing the second field of yesterday's hour with the busiest 36- second interval
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyHrCallCm plYest	.25	R	Integer32 (0..9999)	Yesterday Peak Busiest Hour # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntMeasH ourBiYest	.26	R	Integer32 (0..2300)	Yesterday Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedNumCallsCom plBsyHrYestYpBi	.27	R	Integer32 (0..999999)	Yesterday Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntHrBsyH rYestYpBi	.28	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Peak Hour	An object containing today's busiest hour. This is the hour with the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MULTIMEDIA CALL RATE MEASUREMENTS					largest number of completed calls.
avCmListMeasCallRate MultiMedIntMnBsyHrYestYpBi	.29	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyIntScBsyHrYestYpBi	.30	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
MULTIMEDIA CALL RATE MEASUREMENTS					
avCmListMeasCallRate MultiMedBsyCallCmplBsyHrYestYpBi	.31	R	Integer32 (0..9999)	Yesterday Peak Busiest Interval # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
MULTIMEDIA CALL RATE MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCallRateTotal Group

MIB group name	OID	Type
avCmListMeasCallRateTotal	enterprises.6889.2.73.8.1.145	

Description

The avCmListMeasCallRateTotal MIB Group uses the **list measurements call-rate total** command to retrieve total call-rate information.

Releases Supported

7.1 and later

Polling Type

Configuration, Inventory, and Performance/Utilization

Polling Interval

Not more than once every 5 minutes.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCallRateTotal	SAT	list measurements call-rate total	TOTAL CALL RATE MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRateTotalRunDate	.1	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRateTotalMeasHourLstHr	.2	R	Integer32 (0..2300)	Hour	An object containing the Hour the measurement was taken.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRateTotalNumCallsCompLstHr	.3	R	Integer32 (0..999999)	Last Hour # Compl	An object containing the number of calls completed, or answered (including incoming, outgoing, and intercom), during the listed hour.
TOTAL CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate TotalBsyIntHrLstHr	.4	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the hour of the busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntMnLstHr	.5	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the minute of the busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntScLstHr	.6	R	SnmpAdminString (SIZE (0..3))	Last Hour Busy Int. (36 sec.)	An object containing the second of the busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyCallCmplLstHr	.7	R	Integer32 (0..999999)	Last Hour Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBusyHrMeasHour Tp	.8	R	Integer32 (0..2300)	Today Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBusyHrNumCallsC omplTp	.9	R	Integer32 (0..999999)	Today Peak Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBusyHrBsyIntHrTp	.10	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Hour Busy Int. (36 sec.)	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalIntMnTp	.11	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Minute Busy Int. (36 sec.)	An object containing the minute field of today's busiest hour.
TOTAL CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate TotalBsyIntScTp	.12	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Second Busy Int. (36 sec.)	An object containing the second field of today's busiest hour.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyCallCmplTp	.13	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalMeasHourTpBi	.14	R	Integer32 (0..2300)	Today Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock) of the hour during which the data was recorded.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalNumCallsComplTo dayTpBi	.15	R	Integer32 (0..999999)	Today Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntHrTodayTpB i	.16	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalIntMnTodayTpBi	.17	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntScTodayTp Bi	.18	R	SnmpAdminString (SIZE (0..3))	Today Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate TotalBsyCallCmplToday TpBi	.19	R	Integer32 (0..9999)	Today Peak # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalMeasHourBsyHrY est	.20	R	Integer32 (0..2300)	Yesterday Peak Busiest Hour Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalNumCallsCmplBs yHrYest	.21	R	Integer32 (0..999999)	Yesterday Peak Busiest Hour Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntHrBsyHrYes t	.22	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalIntMnBsyHrYest	.23	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Minute	An object containing the minute field of yesterday's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntScBsyHrYes t	.24	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Hour Second	An object containing the second field of yesterday's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyHrCallCmplYes t	.25	R	Integer32 (0..9999)	Yesterday Peak Busiest Hour # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCallRate TotalBsyIntMeasHourBi Yest	.26	R	Integer32 (0..2300)	Yesterday Peak Busiest Interval Hour	An object containing the starting time (using 24-hour clock)of the hour during which the data was recorded.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalNumCallsComplBs yHrYestYpBi	.27	R	Integer32 (0..999999)	Yesterday Peak Busiest Interval Calls Compl	The number of calls completed,or answered (including incoming, outgoing, and intercom),during the listed hour.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntHrBsyHrYes tYpBi	.28	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Peak Hour	An object containing today's busiest hour. This is the hour with the largest number of completed calls.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalIntMnBsyHrYestYp Bi	.29	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Minute	An object containing the minute field of today's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyIntScBsyHrYes tYpBi	.30	R	SnmpAdminString (SIZE (0..3))	Yesterday Peak Busiest Interval Second	An object containing the second field of today's hour with the busiest 36- second interval.
TOTAL CALL RATE MEASUREMENTS					
avCmListMeasCallRate TotalBsyCallCmplBsyH rYestYpBi	.31	R	Integer32 (0..9999)	Yesterday Peak Busiest Interval # Busy Int. Calls Compl	An object containing the total number of calls completed in the listed busy interval.
TOTAL CALL RATE MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasClanSumLstHr Group

MIB group name	OID	Type
avCmListMeasClanSumLstHr	enterprises.6889.2.73.8.1.146	

Description

The avCmListMeasClanSumLstHr MIB Group uses the **list measurements clan sockets summary last-hour** command to retrieve clan sockets data for Each Board from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasClanSumLstHr	SAT	list measurements clan sockets summary last-hour	LAN SOCKETS SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasClanSumLstHrEntry	n/a	A list of the avCmListMeasClanSumLstHr entries.
avCmListMeasClanSumLstHrEntry	.1.1	n/a	AvCmListMeasClanSumLstHrEntry	n/a	A avCmListMeasClanSumLstHr entry containing objects of the avCmListMeasClanSumLstHr information sent by the switch.
avCmListMeasClanSumLstHrBoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasClanSumLstHrBoard	.1.1.2	R	SnmpAdminString (SIZE (0..10))	Board	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasClanSumLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumLstHrRegion	.1.1.5	R	Integer32 (0..9999)	Region	An object containing the network region that the CLAN for this measurement is in. Range: 1-2000.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumLstHrSockusage	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Socket Usage	An object containing the total time, in Erlangs, that is available from sockets on

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
CLAN SOCKETS SUMMARY REPORT					this C-lan board. Calculated by: (Total Socket Seconds of usage) / 3600. Range: 0-9999.9.
avCmListMeasClanSu mLstHrSockPeg	.1.1.7	R	Integer32 (0..99999)	Socket Peg	An object containing the total number of times a C-lan socket on the board was allocated to a call or link. Range: 0-65535.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mLstHrDenialPeg	.1.1.8	R	Integer32 (0..99999)	Socket Denial Peg	An object containing the total number of times a C-lan socket on the board was needed for a call or link, but was not available. Range: 0-65535.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mLstHrPctDenial	.1.1.9	R	SnmpAdminString (SIZE (0..7))	% Denials	An object containing (Socket Denial peg)/ (Socket Denial peg + Socket peg). Range: 0-99
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mLstHrPctmASB	.1.1.1 0	R	SnmpAdminString (SIZE (0..6))	% Time ASB	An object containing the percentage of time during the measured interval that all C-lan sockets on the board were unavailable for use. Range: 0-99.
CLAN SOCKETS SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasClanSumYest Group

MIB group name	OID	Type
avCmListMeasClanSumYest	enterprises.6889.2.73.8.1.147	

Description

The avCmListMeasClanSumYest MIB Group uses the `list measurements clan sockets yesterday` command to retrieve clan sockets data for Each Board from the yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, not more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasClanSumYest	SAT	<code>list measurements clan sockets yesterday</code>	CLAN SOCKETS SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasClanSumYestEntry	n/a	A list of the avCmListMeasClanSumYest entries.
avCmListMeasClanSumYestEntry	.1.1	n/a	AvCmListMeasClanSumYestEntry	n/a	A avCmListMeasClanSumYest entry containing objects of the avCmListMeasClanSumYest information sent by the switch.
avCmListMeasClanSumYestBoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasClanSumYestBoard	.1.1.2	R	SnmpAdminString (SIZE (0..10))	Board	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasClanSumYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumYestRegion	.1.1.5	R	Integer32 (0..9999)	Region	An object containing the network region that the CLAN for this measurement is in. Range: 1-2000.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSumYestSockusage	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Socket Usage	An object containing the total time, in Erlangs, that is available from sockets on

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
CLAN SOCKETS SUMMARY REPORT					this C-lan board. Calculated by: (Total Socket Seconds of usage) / 3600. Range: 0-9999.9.
avCmListMeasClanSu mYestSockPeg	.1.1.7	R	Integer32 (0..99999)	Socket Peg	An object containing the total number of times a C-lan socket on the board was allocated to a call or link. Range: 0-65535.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mYestDenialPeg	.1.1.8	R	Integer32 (0..99999)	Socket Denial Peg	An object containing the total number of times a C-lan socket on the board was needed for a call or link, but was not available. Range: 0-65535.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mYestPctDenial	.1.1.9	R	SnmpAdminString (SIZE (0..7))	% Denials	An object containing (Socket Denial peg)/ (Socket Denial peg + Socket peg). Range: 0-99.
CLAN SOCKETS SUMMARY REPORT					
avCmListMeasClanSu mYestPcttmASB	.1.1.1 0	R	SnmpAdminString (SIZE (0..6))	% Time ASB	An object containing the percentage of time during the measured interval that all C-lan sockets on the board were unavailable for use. Range: 0-99.
CLAN SOCKETS SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasClanEther Group

MIB group name	OID	Type
avCmListMeasClanEther	enterprises.6889.2.73.8.1.148	

Description

The avCmListMeasClanEther MIB Group uses the `list measurements clan ethernet xxxx` command to retrieve clan ethernet data for Each Board.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once in every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasClanEther	SAT	<code>list measurements clan ethernet xxxx</code>	C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanEtherTable	.1	n/a	SEQUENCE OF AvCmListMeasClanEtherEntry	n/a	A list of the avCmListMeasClanEther entries.
avCmListMeasClanEtherEntry	.1.1	n/a	AvCmListMeasClanEtherEntry	n/a	A avCmListMeasClanEther entry containing objects of the avCmListMeasClanEther information sent by the switch.
avCmListMeasClanEtherBoardIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasClanEtherDateIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..5))	Route Pat	An object containing the date that the data was collected.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherTimeIdx	.1.1.3	n/a	Integer32 (0..9999)	Time	An object containing the current 15-minute interval in which the action was performed.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherBoard	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Board	An object containing the cabinet, carrier, and slot for the specified board.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherRunDate	.1.1.5	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanEtherDate	.1.1.6	R	SnmpAdminString (SIZE (0..5))	Date	An object containing the date that the data was collected.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherTime	.1.1.7	R	Integer32 (0..9999)	Time	An object containing the current 15-minute interval in which the action was performed.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherCrcChkTot	.1.1.8	R	SnmpAdminString (SIZE (0..11))	CRC CHECK Total	An object containing the total error count for CRC errors.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherCrcChkDelta	.1.1.9	R	SnmpAdminString (SIZE (0..11))	CRC CHECK Delta	An object containing the difference between the current and the previous sample for CRC errors.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherCollCntTot	.1.1.10	R	SnmpAdminString (SIZE (0..11))	Collision Count Total	An object containing the error count for collisions on the ethernet..
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanEtherCollCntDelta	.1.1.11	R	SnmpAdminString (SIZE (0..11))	Collision Count Delta	An object containing the difference between the current and previous samples for the error count for collisions on the ethernet.
C-LAN ETHERNET PERFORMANCE MEASUREMENTS DETAILED REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasClanPPP Group

MIB group name	OID	Type
avCmListMeasClanPPP	enterprises.6889.2.73.8.1.149	

Description

The avCmListMeasClanPPP MIB Group uses the `list measurements clan ppp xxxx` command to retrieve clan ethernet data for Each port.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once in every 6 minutes. However, not more than once in an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasClanPPP	SAT	<code>list measurements clan ppp xxxx</code>	C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanPP PTable	.1	n/a	SEQUENCE OF AvCmListMeasClan PPPEnt	n/a	A list of the avCmListMeasClan PPP entries.
avCmListMeasClanPP PEnt	.1.1	n/a	AvCmListMeasClan PPPEnt	n/a	A avCmListMeasClan PPP entry containing objects of the avCmListMeasClan PPP information sent by the switch.
avCmListMeasClanPP PPortIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object containing the cabinet, carrier, slot and circuit for the specified port.
avCmListMeasClanPP PDateIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..5))	Date	An object containing the date that the data was collected.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PTimeIdx	.1.1.3	R	Integer32 (0..9999)	Time	An object containing the current 15-minute interval in which the action was performed.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PPort	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Port	An object containing the cabinet, carrier, slot and circuit for the specified port.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PRunDate	.1.1.5	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanPP PDate	.1.1.6	R	SnmpAdminString (SIZE (0..5))	Date	An object containing the date that the data was collected.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PTime	.1.1.7	R	Integer32 (0..99999)	Time	An Object that uniquely identifies the trunk group associated with group number An object containing the current 15-minute interval in which the action was performed.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PCrcChkTot	.1.1.8	R	SnmpAdminString (SIZE (0..7))	CRC CHECK Total	An object containing the total error count for CRC errors.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PCrcChkDelta	.1.1.9	R	SnmpAdminString (SIZE (0..7))	CRC CHECK Delta	An object containing the difference between the current and the previous sample for CRC errors.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PInvFrameTot	.1.1.1 0	R	SnmpAdminString (SIZE (0..7))	Invalid Frame Total	An object containing the total number of invalid frames detected. Invalid frames are the frames that are misaligned.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PInvFrameDelta	.1.1.1 1	R	SnmpAdminString (SIZE (0..7))	Invalid Frame Delta	An object containing the difference between the Invalid frames count between the current and previous samples for Invalid frames count.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasClanPP PChapFailTot	.1.1.1 2	R	SnmpAdminString (SIZE (0..7))	CHAP Failures Total	An object containing the total number of failed attempts for ppp authentication.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					
avCmListMeasClanPP PChapFailDelta	.1.1.1 3	R	SnmpAdminString (SIZE (0..7))	CHAP Failures Delta	An object containing the difference between the current and previous sample for number of failed.
C-LAN PPP PERFORMANCE MEASUREMENTS DETAILED REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasMultiMedSumLstHr Group

MIB group name	OID	Type
avCmListMeasMultiMedSumLstHr	enterprises.6889.2.73.8.1.150	

Description

The avCmListMeasMultiMedSumLstHr MIB Group uses the **list measurements multimedia-interface summary last-hour** command to retrieve multimedia-interface data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once in every 6 minutes. However, not more than once in an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasMultiMedSumLstHr	SAT	<code>list measurements multimedia-interface summary last-hour</code>	MMI SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasMultiMedSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasMultiMedSumLstHrEntry	n/a	A list of the avCmListMeasMultiMedSumLstHr entries.
avCmListMeasMultiMedSumLstHrEntry	.1.1	n/a	AvCmListMeasMultiMedSumLstHrEntry	n/a	A avCmListMeasMultiMedSumLstHr entry containing objects of the avCmListMeasMultiMedSumLstHr information sent by the switch.
avCmListMeasMultiMedSumLstHrMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the cabinet, carrier, and slot for the specified board.
avCmListMeasMultiMedSumLstHrRunDate	.1.1.2	n/a	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
MMI SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasMultiMe dSumLstHrPeakHour	.1.1.3	R	Integer32 (0..9999)	Peak Hour For All MMIs	An object containing the peak Hour for all MMIs.
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumLstHrAvailablePo rts	.1.1.5	R	Integer32 (0..99999)	Avail Ports	An object containing the total network MMI ports in the system (does not include any MMIs that are cabled to an ESM)..
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumLstHrAvailableUs age	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Available Usage	An object containing the total time that is available in the system for network MMI ports (in CCS units).
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumLstHrTotalUsage	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Total Usage	An object containing the total time, in CCS units, that MMI ports are in use on a call. It includes the time that the ports are out of service or maintenance busy Usage is measured from the time the port is allocated until it is released.
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumLstHrTotalAllocati on	.1.1.8	R	Integer32 (0..99999)	Total Allocation	An object containing the total number of times that an MMI port was allocated to a call. Keep in mind that a 2-channel call occupies 2 ports, so this

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MMI SUMMARY REPORT					number does not necessarily reflect the number of calls that took place. Point-to-point calls do not use MMI resources so these allocations are for conversion calls of multimedia conferences.
avCmListMeasMultiMedSumLstHrMMIDenials	.1.1.9	R	Integer32 (0..99999)	MMI Denials	An object containing the total number of times an MMI port was needed but could not be allocated because all ports were busy.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumLstHrOutOfService	.1.1.10	R	Integer32 (0..99999)	Out of Srv-CCS	An object containing the total time, in CCS units, that any MMI ports were out of service during any part of the measured interval.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumLstHrPercentAPB	.1.1.11	R	SnmpAdminString (SIZE (0..6))	% APB	An object containing the percentage of time during the measured interval that all MMI ports are unavailable to carry a new call.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumLstHrPercentBlock	.1.1.12	R	SnmpAdminString (SIZE (0..6))	% Blockage	An object containing the percentage of attempted allocations of MMI ports that are not successful (calculated as percent blockage = (MMI Denials/ (Total Alloc + MMI Denials)) * 100).
MMI SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasMultiMedSumYest Group

MIB group name	OID	Type
avCmListMeasMultiMedSumYest	enterprises.6889.2.73.8.1.151	

Description

The avCmListMeasMultiMedSumYest MIB Group uses the `list measurements multimedia-interface summary yesterday` command to retrieve multimedia-interface data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasMultiMedSumYest	SAT	<code>list measurements multimedia-interface summary yesterday</code>	MMI SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasMultiMedSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasMultiMedSumYestEntry	n/a	A list of the avCmListMeasMultiMedSumYest entries.
avCmListMeasMultiMedSumYestEntry	.1.1	n/a	AvCmListMeasMultiMedSumYestEntry	n/a	A avCmListMeasMultiMedSumYest entry containing objects of the avCmListMeasMultiMedSumYest information sent by the switch.
avCmListMeasMultiMedSumYestMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the Index.
avCmListMeasMultiMedSumYestRunDate	.1.1.2	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestPeakHour	.1.1.3	R	Integer32 (0..9999)	Peak Hour For All MMIs	An object containing the peak Hour for all MMIs.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing Hour the measurement was taken.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestAvailablePorts	.1.1.5	R	Integer32 (0..99999)	Avail Ports	An object containing the total network MMI ports in the system (does not include any MMIs that are cabled to an ESM)..
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestAvailableUsage	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Available Usage	An object containing the total time that is

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MMI SUMMARY REPORT					available in the system for network MMI ports (in CCS units).
avCmListMeasMultiMedSumYestTotalUsage	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Total Usage	An object containing the total time, in CCS units, that MMI ports are in use on a call. It includes the time that the ports are out of service or maintenance busy Usage is measured from the time the port is allocated until it is released.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestTotalAllocation	.1.1.8	R	Integer32 (0..99999)	Total Allocation	An object containing the total number of times that an MMI port was allocated to a call. Keep in mind that a 2-channel call occupies 2 ports, so this number does not necessarily reflect the number of calls that took place. Point-to-point calls do not use MMI resources, so these allocations are for conversion calls of multimedia conferences.
MMI SUMMARY REPORT					
avCmListMeasMultiMedSumYestMMIDenials	.1.1.9	R	Integer32 (0..99999)	MMI Denials	An object containing the total number of times an MMI port was needed but could not be allocated because all ports were busy.
MMI SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasMultiMe dSumYestOutOfService	.1.1.1 0	R	Integer32 (0..99999)	Out of Srv-CCS	An object containing the total time, in CCS units, that any MMI ports were out of service during any part of the measured interval.
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumYestPercentAPB	.1.1.1 1	R	SnmpAdminString (SIZE (0..6))	% APB	An object containing the percentage of time during the measured interval that all MMI ports are unavailable to carry a new call.
MMI SUMMARY REPORT					
avCmListMeasMultiMe dSumYestPercentBlock	.1.1.1 2	R	SnmpAdminString (SIZE (0..6))	% Blockage	An object containing the percentage of attempted allocations of MMI ports that are not successful (calculated as percent blockage = (MMI Denials/ (Total Alloc + MMI Denials)) * 100).
MMI SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasExpSumLstHr Group

MIB group name	OID	Type
avCmListMeasExpSumLstHr	enterprises.6889.2.73.8.1.152	

Description

The avCmListMeasExpSumLstHr MIB Group uses the **list measurements expansion-services-mod summary last-hour** command to retrieve expansion-services-module data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once in every 6 minutes. However, not more than once in an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasExpSumLstHr	SAT	list measurements expansion- services-mod summary last-hour	MMI SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasExpSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasExp SumLstHrEntry	n/a	A list of the avCmListMeasExp SumLstHr entries.
avCmListMeasExpSumLstHrEntry	.1.1	n/a	AvCmListMeasExp SumLstHrEntry	n/a	A avCmListMeasExp SumLstHr entry containing objects of the avCmListMeasExp SumLstHr

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information sent by the switch.
avCmListMeasExpSum LstHrMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index (based on a 24-hour clock).
avCmListMeasExpSum LstHrRunDate	.1.1.2	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrPeakHour	.1.1.3	R	Integer32 (0..9999)	Peak Hour For All MMIs	An object containing the peak Hour for all ESM-MMIs.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrAvailablePorts	.1.1.5	R	Integer32 (0..99999)	Avail Ports	An object containing the total network ESM-MMI ports in the system.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrAvailableUsage	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Available Usage	An object containing the total time that is available in the system for network ESM-MMI ports (in CCS units).
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrTotalUsage	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Total Usage	An object containing the total time, in CCS units, that ESM-MMI ports are in use on a call. It includes the time that the ports are out of service or maintenance busy. Usage is measured from the time the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MMI SUMMARY REPORT					port is allocated until it is released.
avCmListMeasExpSum LstHrTotalAllocation	.1.1.8	R	Integer32 (0..99999)	Total Allocation	An object containing the total number of times that an ESM-MMI port was allocated to a call.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrESMDenials	.1.1.9	R	Integer32 (0..99999)	ESM Denials	An object containing the total number of times an ESM-MMI port was needed but could not be allocated because all ports were busy.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrOutOfService	.1.1.1 0	R	Integer32 (0..99999)	Out of Srv-CCS	An object containing the total time, in CCS units, that any MMI ports were out of service during any part of the measured interval.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrPercentAPB	.1.1.1 1	R	SnmpAdminString (SIZE (0..6))	% APB	An object containing the percentage of time during the measured interval that all MMI ports are unavailable to carry a new call.
MMI SUMMARY REPORT					
avCmListMeasExpSum LstHrPercentBlock	.1.1.1 2	R	SnmpAdminString (SIZE (0..6))	% Blockage	An object containing the percentage of attempted allocations of MMI ports that are not successful (calculated as percent blockage = (MMI Denials/ (Total Alloc + MMI Denials)) * 100).
MMI SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasExpSumYest Group

MIB group name	OID	Type
avCmListMeasExpSumYest	enterprises.6889.2.73.8.1.153	

Description

The avCmListMeasExpSumYest MIB Group uses the **list measurements expansion-services-mod summary yesterday** command to retrieve expansion-services-mod data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once a day.

Not more than once every 6 minutes. However, no more than once a day is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasExpSumYest	SAT	list measurements expansion-services-mod summary yesterday	MMI SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasExpSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasExpSumYestEntry	n/a	A list of the avCmListMeasExpSumYest entries.
avCmListMeasExpSumYestEntry	.1.1	n/a	AvCmListMeasExpSumYestEntry	n/a	A avCmListMeasExpSumYest entry containing objects of the avCmListMeasExpSumYest information sent by the switch.
avCmListMeasExpSumYestMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index (based on a 24-hour clock).
avCmListMeasExpSumYestRunDate	.1.1.2	n/a	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
MMI SUMMARY REPORT					
avCmListMeasExpSumYestPeakHour	.1.1.3	R	Integer32 (0..9999)	Peak Hour For All MMIs	An object containing the peak Hour for all ESM-MMIs.
MMI SUMMARY REPORT					
avCmListMeasExpSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
MMI SUMMARY REPORT					
avCmListMeasExpSumYestAvailablePorts	.1.1.5	R	Integer32 (0..99999)	Avail Ports	An object containing the total network ESM-MMI ports in the system.
MMI SUMMARY REPORT					
avCmListMeasExpSumYestAvailableUsage	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Available Usage	An object containing the total time that is available in the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MMI SUMMARY REPORT					system for network ESM-MMI ports (in CCS units).
avCmListMeasExpSum YestTotalUsage	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Total Usage	An object containing the total time, in CCS units, that ESM-MMI ports are in use on a call. It includes the time that the ports are out of service or maintenance busy. Usage is measured from the time the port is allocated until it is released.
MMI SUMMARY REPORT					
avCmListMeasExpSum YestTotalAllocation	.1.1.8	R	Integer32 (0..99999)	Total Allocation	An object containing the total number of times that an ESM-MMI port was allocated to a call.
MMI SUMMARY REPORT					
avCmListMeasExpSum YestESMDenials	.1.1.9	R	Integer32 (0..99999)	ESM Denials	An object containing the total number of times an ESM-MMI port was needed but could not be allocated because all ports were busy.
MMI SUMMARY REPORT					
avCmListMeasExpSum YestOutOfService	.1.1.1 0	R	Integer32 (0..99999)	Out of Srv-CCS	An object containing the total time, in CCS units, that any MMI ports were out of service during any part of the measured interval.
MMI SUMMARY REPORT					
avCmListMeasExpSum YestPercentAPB	.1.1.1 1	R	SnmpAdminString (SIZE (0..6))	% APB	An object containing the percentage of time during the measured interval that all MMI ports

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
MMI SUMMARY REPORT					are unavailable to carry a new call.
avCmListMeasExpSumYestPercentBlock	.1.1.1.2	R	SnmpAdminString (SIZE (0..6))	% Blockage	An object containing the percentage of attempted allocations of MMI ports that are not successful (calculated as percent blockage = (MMI Denials/ (Total Alloc + MMI Denials)) * 100).
MMI SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasVoiceSumLstHr Group

MIB group name	OID	Type
avCmListMeasVoiceSumLstHr	enterprises.6889.2.73.8.1.154	

Description

The avCmListMeasVoiceSumLstHr MIB Group uses the **list measurements voice-conditioners summary last-hour** command to retrieve voice-conditioners summary data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasVoiceSumLstHr	SAT	<code>list measurements voice-conditioners summary last-hour</code>	VC SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasVoiceSumLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasVoiceSumLstHrEntry	n/a	A list of the avCmListMeasVoiceSumLstHr entries.
avCmListMeasVoiceSumLstHrEntry	.1.1	n/a	AvCmListMeasVoiceSumLstHrEntry	n/a	A avCmListMeasVoiceSumLstHr entry containing objects of the avCmListMeasVoiceSumLstHr information sent by the switch.
avCmListMeasVoiceSumLstHrMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index (based on a 24-hour clock).
avCmListMeasVoiceSumLstHrRunDate	.1.1.2	n/a	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed..
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrPeakHour	.1.1.3	R	Integer32 (0..9999))	Peak Hour For All MMIs	An object containing the peak Hour for all ESM-MMIs.
VC SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasVoiceSumLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrAvailablePorts	.1.1.5	R	Integer32 (0..999)	Avail Ports	An object containing the total network ESM-MMI ports in the system.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrAvailableUsage	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Usage Available	An object containing the total time, in CCS units, that all VC ports are available in the system (calculated as number of MMI ports * 36).
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrH320Usage	.1.1.7	R	SnmpAdminString (SIZE (0..5))	USAGE H320	An object containing the total time that VC ports are allocated to H320 endpoints.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrVoiceUsage	.1.1.8	R	SnmpAdminString (SIZE (0..6))	USAGE Voice	An object containing the total time that VC ports are allocated to voice endpoints.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrTotalUsage	.1.1.9	R	Integer32 (0..99999)	USAGE Total	An object containing the total time, in CCS units, that VC ports are unavailable to carry a new call. This includes time that the ports are busy on a call, out of service, or maintenance busy. Measured from the time that the port is allocated until it is released.
VC SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasVoiceSumLstHrH320Allocation	.1.1.1 0	R	Integer32 (0..9999)	ALLOCATIONS H320	An object containing the total number of times a VC port was allocated to a H320 call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrVoiceAllocation	.1.1.1 1	R	Integer32 (0..99999)	ALLOCATIONS Voice	An object containing the total number of times a VC port was allocated to a voice call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrTotalAllocation	.1.1.1 2	R	Integer32 (0..99999)	ALLOCATIONS Total	An object containing the total number of times a VC port was allocated to any call. Each B-channel used on a multimedia call counts as one allocation.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrH320Denials	.1.1.1 3	R	Integer32 (0..9999)	DENIALS H320	An object containing the number of times a port was needed for an H320 call, but was not available.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrVoiceDenials	.1.1.1 4	R	Integer32 (0..99999)	DENIALS Voice	An object containing the number of times a port was need for a voice call, but was not available.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrTotalDenials	.1.1.1 5	R	Integer32 (0..99999)	DENIALS Total	An object containing the number of times a VC port is needed for any call, but is not allocated because all VC ports are busy.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrOutOfService	.1.1.1 6	R	Integer32 (0..999)	Out Srv	An object containing the total

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VC SUMMARY REPORT					time, in CCS units, that any VC ports were out of service during any part of the measured interval.
avCmListMeasVoiceSumLstHrPercentAPB	.1.1.1.7	R	SnmpAdminString (SIZE (0..4))	% APB	An object containing the percentage of time during the measured interval that all VC ports are unavailable to carry a new call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumLstHrPercentBlock	.1.1.1.8	R	SnmpAdminString (SIZE (0..4))	% Block	An object containing the percentage of attempted allocations of VC ports that are not successful. This value is calculated as percent blockage = ((Total VC Denials / (Total Alloc + Total VC Denials)) * 100).
VC SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasVoiceSumYest Group

MIB group name	OID	Type
avCmListMeasVoiceSumYest	enterprises.6889.2.73.8.1.155	

Description

The avCmListMeasVoiceSumYest MIB Group uses the **list measurements voice-conditioners summary yesterday** command to retrieve voice-conditioners summary data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once a day is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasVoiceSumYest	SAT	<code>list measurements voice-conditioners summary yesterday</code>	VC SUMMARY REPORT

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasVoiceSumYestTable	.1	n/a	SEQUENCE OF AvCmListMeasVoiceSumYestEntry	n/a	A list of the avCmListMeasVoiceSumYest entries.
avCmListMeasVoiceSumYestEntry	.1.1	n/a	AvCmListMeasVoiceSumYestEntry	n/a	A avCmListMeasVoiceSumYest entry containing objects of the avCmListMeasVoiceSumYest

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					information sent by the switch.
avCmListMeasVoiceSumYestMeasHourIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index (based on a 24-hour clock).
avCmListMeasVoiceSumYestRunDate	.1.1.2	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestPeakHour	.1.1.3	R	Integer32 (0..9999)	Peak Hour For All MMIs	An object containing the peak Hour for all ESM-MMIs.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestAvailablePorts	.1.1.5	R	Integer32 (0..999)	Avail Ports	An object containing the total network ESM-MMI ports in the system.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestAvailableUsage	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Usage Available	An object containing the total time, in CCS units, that all VC ports are available in the system (calculated as number of MMI ports * 36).
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestH320Usage	.1.1.7	R	SnmpAdminString (SIZE (0..5))	USAGE H320	An object containing the total time that VC ports are allocated to H320 endpoints.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestVoiceUsage	.1.1.8	R	SnmpAdminString (SIZE (0..6))	USAGE Voice	An object containing the total time that VC ports are allocated to voice endpoints.
VC SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasVoiceSumYestTotalUsage	.1.1.9	R	Integer32 (0..99999)	USAGE Total	An object containing the total time, in CCS units, that VC ports are unavailable to carry a new call. This includes time that the ports are busy on a call, out of service, or maintenance busy. Measured from the time that the port is allocated until it is released.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestH320Allocation	.1.1.10	R	Integer32 (0..9999)	ALLOCATIONS H320	An object containing the total number of times a VC port was allocated to a H320 call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestVoiceAllocation	.1.1.11	R	Integer32 (0..99999)	ALLOCATIONS Voice	An object containing the total number of times a VC port was allocated to a voice call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestTotalAllocation	.1.1.12	R	Integer32 (0..99999)	ALLOCATIONS Total	An object containing the total number of times a VC port was allocated to any call. Each B-channel used on a multimedia call counts as one allocation.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestH320Denials	.1.1.13	R	Integer32 (0..9999)	DENIALS H320	An object containing the number of times a port was needed for an H320 call, but was not available.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestVoiceDenials	.1.1.14	R	Integer32 (0..99999)	DENIALS Voice	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VC SUMMARY REPORT					number of times a port was need for a voice call, but was not available.
avCmListMeasVoiceSumYestTotalDenials	.1.1.1 5	R	Integer32 (0..99999)	DENIALS Total	An object containing the number of times a VC port is needed for any call, but is not allocated because all VC ports are busy.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestOutOfService	.1.1.1 6	R	Integer32 (0..999)	Out Srv	An object containing the total time, in CCS units, that any VC ports were out of service during any part of the measured interval.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestPercentAPB	.1.1.1 7	R	SnmpAdminString (SIZE (0..4))	% APB	An object containing the percentage of time during the measured interval that all VC ports are unavailable to carry a new call.
VC SUMMARY REPORT					
avCmListMeasVoiceSumYestPercentBlock	.1.1.1 8	R	SnmpAdminString (SIZE (0..4))	% Block	An object containing the percentage of attempted allocations of VC ports that are not successful. This value is calculated as percent blockage = ((Total VC Denials / (Total Alloc + Total VC Denials)) * 100).
VC SUMMARY REPORT					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmlpRegion Group

MIB group name	OID	Type
avCmlpRegion	enterprises.6889.2.73.8.1.158	

Description

The avCmlpRegion MIB Group uses the **display ip-network-region** command to retrieve selected network region related data.

Releases Supported

7.1 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

Not more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 45 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group will increase as the number of administered ip-interface media-processors increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmlpRegion	SAT	display ip-network-region 1-2000	IP NETWORK REGION

Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmlpRegionTable	.1	n/a	SEQUENCE OF AvCmlpRegionEntry	n/a	A list of the avCmlpRegion entries.
avCmlpRegionEntry	.1.1	n/a	AvCmlpRegionEntry	n/a	A avCmlpRegion entry containing objects of the avCmlpRegion information sent by the switch.
avCmlpRegionIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmlpRegionRgn	.1.1.2	R	Integer32 (0..9999)	Region	An INTEGER object containing the IP network region number (value: 1-2000).
IP NETWORK REGION					
avCmlpRegionCCPHB	.1.1.3	R	Integer32 (0..99)	DIFFSERV/TOS PARAMETERS Call Control PHB Value	An object containing the DiffServ/TOS Call Control PHB (value 0-63).
IP NETWORK REGION					
avCmlpRegionAudioPHB	.1.1.4	R	Integer32 (0..99)	DIFFSERV/TOS PARAMETERS Audio PHB Value	An object containing the DiffServ/TOS Audio PHB (value 0-63).
IP NETWORK REGION					
avCmlpRegionCC8021Pri	.1.1.5	R	Integer32 (0..9)	802.1P/Q PARAMETERS Call Control PHB Value	An object containing the Call Control 802.1p Priority (values 0-7).
IP NETWORK REGION					
avCmlpRegionAudio8021Pri	.1.1.6	R	Integer32 (0..9)	802.1P/Q PARAMETERS Audio 802.1p Priority:	An object containing the Audio 802.1p Priority (values 0-7).
IP NETWORK REGION					
avCmlpRegionRSVPEabled	.1.1.7	R	SnmpAdminString (SIZE (0..2))	RSVP Enabled	A DisplayString object containing a flag indicating whether RSVP is enabled (y or n).
IP NETWORK REGION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmIpRegionRSVPR efresh	.1.1.8	R	Integer32 (0..99)	RSVP Refresh Rate	An object containing the RSVP Refresh Rate (values 1-99).
IP NETWORK REGION					
avCmIpRegionRSVPFa ilure	.1.1.9	R	SnmpAdminString (SIZE (0..2))	RSVP Failure	object containing a flag indicating whether retry on RSVP failure is enabled (y or n).
IP NETWORK REGION					
avCmIpRegionRSVPPr ofile	.1.1.1 0	R	SnmpAdminString (SIZE (0..19))	RSVP Profile	An object containing the RSVP profile (controlled-load or guaranteed-service).
IP NETWORK REGION					
avCmIpRegionRSVPB BE	.1.1.1 1	R	Integer32 (0..99)	RSVP unreserved (BBE) PHB Value	An object containing the RSVP unreserved BBE PHB (values 0-63).
IP NETWORK REGION					
avCmIpRegionStubReg	.1.1.1 2	R	SnmpAdminString (SIZE (0..2))	Stub Network Region	An object containing whether region is a stub region (values y or n).
IP NETWORK REGION					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmDispCommInterLnks Group

MIB group name	OID	Type
avCmDispCommInterLnks	enterprises.6889.2.73.8.1.159	

Description

The avCmDispCommInterLnks MIB Group uses the **display ip-network-region** command to retrieve selected network-region related data.

Releases Supported

7.1 and later

Polling Type

Inventory and Performance/Utilization

Polling Interval

Not more than once an hour.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 45 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group will increase as the number of administered ip-interface media-processors increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispCommInterLnks	SAT	<code>display communication-interface links</code>	INTERFACE LINKS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispCommInterLnksTable	.1	n/a	SEQUENCE OF AvCmDispCommInterLnksEntry	n/a	A list of the avCmDispCommInterLnks entries.
avCmDispCommInterLnksEntry	.1.1	n/a	AvCmDispCommInterLnksEntry	n/a	A avCmDispCommInterLnks entry containing objects of the avCmDispCommInterLnks information sent by the switch.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispCommInterLnksIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmDispCommInterLnksNumber	.1.1.2	R	Integer32 (0..999)	Link	An object containing the system link number (1-255).
INTERFACE LINKS					
avCmDispCommInterLnksType	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the system link type.
INTERFACE LINKS					
avCmDispCommInterLnksEnableLink	.1.1.4	R	SnmpAdminString (SIZE (0..2))	Enab	An object containing a flag indicating whether the link is enabled (y/n).
INTERFACE LINKS					
avCmDispCommInterLnksEstablishConn	.1.1.5	R	SnmpAdminString (SIZE (0..2))	Est Conn	An object containing a flag indicating whether a connection has been established (y/n).
INTERFACE LINKS					
avCmDispCommInterLnksExtension	.1.1.6	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the extension number of the link.
INTERFACE LINKS					
avCmDispCommInterLnksDestNumber	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Dest. Number	An object containing the destination extension number.
INTERFACE LINKS					
avCmDispCommInterLnksConnModule	.1.1.8	R	SnmpAdminString (SIZE (0..9))	Conn Module	An object containing the extension number of the connected data module.
INTERFACE LINKS					
avCmDispCommInterLnksName	.1.1.9	R	SnmpAdminString (SIZE (0..28))	Name (20 characters)	An object containing a description of the link.
INTERFACE LINKS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCoverLstHr Group

MIB group name	OID	Type
avCmListMeasCoverLstHr	enterprises.6889.2.73.8.1.160	

Description

The avCmListMeasCoverLstHr MIB Group uses the **list measurements coverage-path last-hour** command to retrieve coverage-path data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCoverLstHr	SAT	list measurements coverage-path last-hour	COVERAGE PATH MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCoverLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasCoverLstHrEntry	n/a	A list of the avCmListMeasCoverLstHr entries.
avCmListMeasCoverLstHrEntry	.1.1	n/a	AvCmListMeasCoverLstHrEntry	n/a	A avCmListMeasCoverLstHr entry containing objects of the avCmListMeasCoverLstHr information sent by the switch.
avCmListMeasCoverLstHrCoveragePathIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index based on coverage paths.
avCmListMeasCoverLstHrCoveragePath	.1.1.2	R	Integer32 (0..9999)	Path No.	An object containing the measured coverage path.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCallsOffrd	.1.1.5	R	Integer32 (0..99999)	Calls Offrd	An object containing the number of calls offered to the coverage path.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCritAct	.1.1.6	R	Integer32 (0..999)	Criteria Act	An object containing the number of calls offered to the coverage path due to the principal being active.
COVERAGE PATH MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCoverLstHrCritBsy	.1.1.7	R	Integer32 (0..999)	Criteria Bsy	An object containing the number of calls offered to the coverage path due to the principal being busy.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCritDA	.1.1.8	R	Integer32 (0..999)	Criteria DA	An object containing the number of calls offered to the coverage path because the principal did not answer the call after the administered number of rings.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCritAll	.1.1.9	R	Integer32 (0..999)	Criteria All	An object containing the number of calls offered to the coverage path due to the principal's use of Cover All.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCritSAC	.1.1.10	R	Integer32 (0..999)	Criteria SAC	An object containing the number of calls offered to the coverage path due to the principal's use of Send All Calls or the calling party using Go To Coverage.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrCallBack	.1.1.11	R	Integer32 (0..99999)	Cback	An object containing the number of calls offered to the coverage path where the calling party used LWC or ACB before a coverage point answered the call.
COVERAGE PATH MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCoverLstHrPoint1Ans	.1.1.1 2	R	SnmpAdminString (SIZE (0..5))	Point1 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint2Ans	.1.1.1 3	R	SnmpAdminString (SIZE (0..5))	Point2 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint3Ans	.1.1.1 4	R	SnmpAdminString (SIZE (0..5))	Point3 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint4Ans	.1.1.1 5	R	SnmpAdminString (SIZE (0..5))	Point4 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint5Ans	.1.1.1 6	R	SnmpAdminString (SIZE (0..5))	Point5 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint6Ans	.1.1.1 7	R	SnmpAdminString (SIZE (0..5))	Point6 Ans	An object containing the percentage of time during the measured interval that all VC ports are unavailable to carry a new call.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint1Aband	.1.1.1 8	R	SnmpAdminString (SIZE (0..5))	Point1 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint2Aband	.1.1.1 9	R	SnmpAdminString (SIZE (0..5))	Point2 Abd	An object containing the total number of calls abandoned by the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
COVERAGE PATH MEASUREMENTS					caller while ringing at the specified point.
avCmListMeasCoverLstHrPoint3Aband	.1.1.2.0	R	SnmpAdminString (SIZE (0..5))	Point3 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint4Aband	.1.1.2.1	R	SnmpAdminString (SIZE (0..5))	Point4 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint5Aband	.1.1.2.2	R	SnmpAdminString (SIZE (0..5))	Point5 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverLstHrPoint6Aband	.1.1.2.3	R	SnmpAdminString (SIZE (0..5))	Point6 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasCoverYest Group

MIB group name	OID	Type
avCmListMeasCoverYest	enterprises.6889.2.73.8.1.161	

Description

The avCmListMeasCoverYest MIB Group uses the **list measurements coverage-path yesterday** command to retrieve coverage-path usage data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once a day is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasCoverYest	SAT	list measurements coverage-path yesterday	COVERAGE PATH MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCoverYestTable	.1	n/a	SEQUENCE OF AvCmListMeasCoverYestEntry	n/a	A list of the avCmListMeasCoverYest entries.
avCmListMeasCoverYestEntry	.1.1	n/a	AvCmListMeasCoverYestEntry	n/a	A avCmListMeasCoverYest entry containing objects of the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					avCmListMeasCoverYest information sent by the switch.
avCmListMeasCoverYestCoveragePathIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object containing the index based on coverage paths.
avCmListMeasCoverYestCoveragePath	.1.1.2	n/a	Integer32 (0..9999)	Path No.	An object containing the measured coverage path.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCallsOffrd	.1.1.5	R	Integer32 (0..99999)	Calls Offrd	An object containing the number of calls offered to the coverage path.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCritAct	.1.1.6	R	Integer32 (0..999)	Criteria Act	An object containing the number of calls offered to the coverage path due to the principal being active.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCritBsy	.1.1.7	R	Integer32 (0..999)	Criteria Bsy	An object containing the number of calls offered to the coverage path due to the principal being busy.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCritDA	.1.1.8	R	Integer32 (0..999)	Criteria DA	An object containing the number of calls offered to the coverage path because the principal did not answer the call after

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
COVERAGE PATH MEASUREMENTS					the administered number of rings.
avCmListMeasCoverYestCritAll	.1.1.9	R	Integer32 (0..999)	Criteria All	An object containing the number of calls offered to the coverage path due to the principal's use of Cover All.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCritSAC	.1.1.10	R	Integer32 (0..999)	Criteria SAC	An object containing the number of calls offered to the coverage path due to the principal's use of Send All Calls or the calling party using Go To Coverage.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestCallBack	.1.1.11	R	Integer32 (0..99999)	Cback	An object containing the number of calls offered to the coverage path where the calling party used LWC or ACB before a coverage point answered the call.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint1Ans	.1.1.12	R	SnmpAdminString (SIZE (0..5))	Point1 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint2Ans	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Point2 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint3Ans	.1.1.14	R	SnmpAdminString (SIZE (0..5))	Point3 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint4Ans	.1.1.15	R	SnmpAdminString (SIZE (0..5))	Point4 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasCoverYestPoint5Ans	.1.1.1 6	R	SnmpAdminString (SIZE (0..5))	Point5 Ans	An object containing the total number of calls answered by the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint6Ans	.1.1.1 7	R	SnmpAdminString (SIZE (0..5))	Point6 Ans	An object containing the percentage of time during the measured interval that all VC ports are unavailable to carry a new call.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint1Aband	.1.1.1 8	R	SnmpAdminString (SIZE (0..5))	Point1 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint2Aband	1.1.1 9	R	SnmpAdminString (SIZE (0..5))	Point2 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint3Aband	.1.1.2 0	R	SnmpAdminString (SIZE (0..5))	Point3 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint4Aband	1.1.2 1	R	SnmpAdminString (SIZE (0..5))	Point4 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint5Aband	.1.1.2 2	R	SnmpAdminString (SIZE (0..5))	Point5 Abd	An object containing the total number of calls abandoned by the caller while ringing at the specified point.
COVERAGE PATH MEASUREMENTS					
avCmListMeasCoverYestPoint6Aband	1.1.2 3	R	SnmpAdminString (SIZE (0..5))	Point6 Abd	An object containing the total number of calls abandoned

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
COVERAGE PATH MEASUREMENTS					by the caller while ringing at the specified point.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasPrincipalLstHr Group

MIB group name	OID	Type
avCmListMeasPrincipalLstHr	enterprises.6889.2.73.8.1.162	

Description

The avCmListMeasPrincipalLstHr MIB Group uses the `list measurements principal last-hour` command to retrieve principal data from the last hour.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes. However, no more than once an hour is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasPrincipalLstHr	SAT	<code>list measurements principal last-hour</code>	PRINCIPAL MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasPrincipalLstHrTable	.1	n/a	SEQUENCE OF AvCmListMeasPrincipalLstHrEntry	n/a	A list of the avCmListMeasPrincipalLstHr entries.
avCmListMeasPrincipalLstHrEntry	.1.1	n/a	AvCmListMeasPrincipalLstHrEntry	n/a	A avCmListMeasPrincipalLstHr entry containing objects of the avCmListMeasPrincipalLstHr information sent by the switch.
avCmListMeasPrincipalLstHrExtensionTACIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object containing the index.
avCmListMeasPrincipalLstHrExtensionTAC	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Ext/TAC	An object containing the Extension or Trunk Access Code (TAC). The principal extension or PCOL group or Code (TAC). The principal extension or PCOL group or TAC being reported.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PRINCIPAL MEASUREMENTS					apply (based on a 24-hour clock).
avCmListMeasPrincipal LstHrCallsOffrd	.1.1.5	R	Integer32 (0..99999)	Calls Offrd	An object containing the number of calls offered to the principal path.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsAband	.1.1.6	R	Integer32 (0..999)	Aband	An object containing the total number of abandoned calls, where the calling party hung up before the call was answered or sent to coverage.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsRedirect	.1.1.7	R	Integer32 (0..999)	Redir	An object containing the total number of calls not answered by the principal and subsequently sent to coverage.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsCAC	.1.1.8	R	Integer32 (0..999)	Criteria Act Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal due to the principal being active.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsCBC	.1.1.9	R	Integer32 (0..999)	Criteria Bsy Coverage-Paths-1	An object containing the number of calls to coverage by this principal due to the principal being busy.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsCDAC	.1.1.10	R	Integer32 (0..999)	Criteria DA Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal because the principal

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PRINCIPAL MEASUREMENTS					didn't answer the call after the administered number of rings.
avCmListMeasPrincipal LstHrCallsCCAC	.1.1.1 1	R	Integer32 (0..99999)	Criteria All Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal due to the principal's use of Cover All.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsCSAC	.1.1.1 2	R	Integer32 (0..99999)	Criteria SAC Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal due to the principal's use of Send All Calls, or because the calling party used the Go To Cover feature.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCallsCSCB	.1.1.1 3	R	Integer32 (0..99999)	Cback	An object containing the number of calls offered to this principal where the calling party used LWC or ACB before the principal answered the call and before it went to coverage.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCovPath1	.1.1.1 4	R	Integer32 (0..9999)	Coverage-Path 1	An object containing a coverage path used by this principal.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCovPath2	.1.1.1 5	R	Integer32 (0..9999)	Coverage-Path 2	An object containing a coverage path used by this principal.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal LstHrCovPath3	.1.1.1 6	R	Integer32 (0..9999)	Coverage-Path 3	An object containing the total number of calls

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PRINCIPAL MEASUREMENTS					answered by the specified point.
avCmListMeasPrincipalLstHrCovPath4	.1.1.17	R	Integer32 (0..9999)	Coverage-Path 4	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrCovPath5	.1.1.18	R	Integer32 (0..9999)	Coverage-Path 5	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrCovPath6	.1.1.19	R	Integer32 (0..9999)	Coverage-Path 6	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrCovPath7	.1.1.20	R	Integer32 (0..9999)	Coverage-Path 7	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalLstHrCovPath8	.1.1.21	R	Integer32 (0..9999)	Coverage-Path 8	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmListMeasPrincipalYest Group

MIB group name	OID	Type
avCmListMeasPrincipalYest	enterprises.6889.2.73.8.1.163	

Description

The avCmListMeasPrincipalYest MIB Group uses the **list measurements principal yesterday** command to retrieve principal data from yesterday.

Releases Supported

7.1 and later

Polling Type

Performance/Utilization

Polling Interval

Not more than once every 6 minutes, However, no more than once day is recommended.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Yellow/Medium - The data collected by this MIB Group may have some impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmListMeasPrincipalYest	SAT	<code>list measurements principal yesterday</code>	PRINCIPAL MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasPrincipalYestTable	.1	n/a	SEQUENCE OF AvCmListMeasPrincipalYestEntry	n/a	A list of the avCmListMeasPrincipalYest entries.
avCmListMeasPrincipalYestEntry	.1.1	n/a	AvCmListMeasPrincipalYestEntry	n/a	A avCmListMeasPrincipalYest entry containing objects of the avCmListMeasPrincipalYest information sent by the switch.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListMeasPrincipal YestExtensionTACIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object containing the index.
avCmListMeasPrincipal YestExtensionTAC	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Ext/TAC	An object containing the Extension or Trunk Access Code (TAC). The principal extension or PCOL group or TAC being reported.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestMeasHour	.1.1.4	R	Integer32 (0..9999)	Meas Hour	An object containing the hour for which these measurements apply (based on a 24-hour clock).
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsOffrd	.1.1.5	R	Integer32 (0..99999)	Calls Offrd	An object containing the number of calls offered to the principal path.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsAband	.1.1.6	R	Integer32 (0..999)	Aband	An object containing the total number of abandoned calls, where the calling party hung up before the call was answered or sent to coverage.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsRedirect	.1.1.7	R	Integer32 (0..999)	Redir	An object containing the total number of calls not answered by the principal and subsequently sent to coverage.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsCAC	.1.1.8	R	Integer32 (0..999)	Criteria Act Coverage-Paths-1	An object containing the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PRINCIPAL MEASUREMENTS					number of calls sent to coverage by this principal due to the principal being active.
avCmListMeasPrincipal YestCallsCBC	.1.1.9	R	Integer32 (0..999)	Criteria Bsy Coverage-Paths-1	An object containing the number of calls to coverage by this principal due to the principal being busy.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsCDAC	.1.1.10	R	Integer32 (0..999)	Criteria DA Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal because the principal didn't answer the call after the administered number of rings.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsCCAC	.1.1.11	R	Integer32 (0..99999)	Criteria All Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal due to the principal's use of Cover All.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsCSAC	.1.1.12	R	Integer32 (0..99999)	Criteria SAC Coverage-Paths-1	An object containing the number of calls sent to coverage by this principal due to the principal's use of Send All Calls, or because the calling party used the Go To Cover feature.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipal YestCallsCSCB	.1.1.13	R	Integer32 (0..99999)	Cback	An object containing the number of calls offered to this principal where the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
PRINCIPAL MEASUREMENTS					calling party used LWC or ACB before the principal answered the call and before it went to coverage.
avCmListMeasPrincipalYestCovPath1	.1.1.1 4	R	Integer32 (0..9999)	Coverage-Path 1	An object containing a coverage path used by this principal.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath2	.1.1.1 5	R	Integer32 (0..9999)	Coverage-Path 2	An object containing a coverage path used by this principal..
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath3	.1.1.1 6	R	Integer32 (0..9999)	Coverage-Path 3	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath4	.1.1.1 7	R	Integer32 (0..9999)	Coverage-Path 4	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath5	.1.1.1 8	R	Integer32 (0..9999)	Coverage-Path 5	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath6	.1.1.1 9	R	Integer32 (0..9999)	Coverage-Path 6	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath7	.1.1.2 0	R	Integer32 (0..9999)	Coverage-Path 7	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					
avCmListMeasPrincipalYestCovPath8	.1.1.2 1	R	Integer32 (0..9999)	Coverage-Path 8	An object containing the total number of calls answered by the specified point.
PRINCIPAL MEASUREMENTS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmTTIFlag Group

MIB group name	OID	Type
avCmTTIFlag	enterprises.6889.2.73.8.1.164	

Description

The avCmTTIFlag MIB Group uses the **display system-parameters features** command to retrieve TTI enabled data.

Releases Supported

7.1 and later

Polling Type

Configuration and Inventory

Polling Interval

No more than once daily.

Default Caching Interval

600 seconds

Timeout Interval

Initial Timeout should be set to 20 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Green/Low - The data collected by this MIB Group is minimal and therefore has a low impact on the system.

Associated Communication Manager Commands:

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmTTIFlag	SAT	display system-parameters features	FEATURE-RELATED SYSTEM PARAMETERS

Reference Document

A detailed description of the command and form can be found in the *Administering Avaya Aura® Communication Manager* document. This document can be downloaded from <http://support.avaya.com/document/>.

Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmTTIFlagTTIEnabled	.1	R	SnmpAdminString (SIZE (0..2))	Terminal Translation Initialization (TTI) Enabled	An object containing whether TTI is enabled (enabled=y. disabled=n).
FEATURE-RELATED SYSTEM PARAMETERS					
avCmTTIFlagUnNamedReg	.2	R	SnmpAdminString (SIZE (0..2))	Unnamed Registrations and PSA for IP Telephones	An object containing whether Unnamed Registrations is enabled (enabled=y. disabled=n).
FEATURE-RELATED SYSTEM PARAMETERS					

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmAlmServMinor

MIB group name	OID	Type
avCmAlmServMinor	enterprises.6889.2.73.9.0.3001	Notification

Description

The avCmAlmServMinor MIB group displays the minor server alarms that are generated by the system.

Releases Supported

8.1.2 and later

Objects

Alarm Varbind List	Value	Notes
avCmAlmIPAddress 1.3.6.1.4.1.6889.2.73.9.1.1.1	Char string (100 max)	IP Address of the Communication Manager server sends this alarm. This is applied by the GMM.
avCmAlmSystemName 1.3.6.1.4.1.6889.2.73.9.1.1.2	Char string (256 max)	Host name of the Communication Manager server sends this alarm. This is applied by the GMM.

Table continues...

avCmAlmProductID 1.3.6.1.4.1.6889.2.73.9.1.1.3	Char string (11 max)	This is the Communication Manager product ID of the system, which sends the trap notification. This is applied by the GMM.
avCmAlmSourceName 1.3.6.1.4.1.6889.2.73.9.1.1.30	Char String (10 max)	This is the source name for the server alarm. • “_LX”.
avCmAlmServEvtID 1.3.6.1.4.1.6889.2.73.9.1.1.31	Char string (5 max)	This is set to event type for the server alarm. • "10" for "warning, one or more key servers are unreachable" • "11" for "minor, all key servers are unreachable"
avCmAlmAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.8	Char string (3 max)	This contains the alarm severity of the Communication Manager process. Industry products use a list with the following values: • cleared (1) • indeterminate (2) • critical (3) • major (4) • minor (5) • warning (6)
avCmAlmOrigModAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.9	Char string (11 max)	This object contains the original alarm severity and the modified or reported alarm severity of a Communication Manager process alarm.
avCmAlmAlarmedDate 1.3.6.1.4.1.6889.2.73.9.1.1.10	Char string (5)	This is the date that the alarm was generated by the source Communication Manager process. Day/Month in the format "11/12". This is applied by the GMM.

Table continues...

avCmAlmAlarmedTime 1.3.6.1.4.1.6889.2.73.9.1.1.11	Char string (8)	This is the time that the alarm was generated by the source Communication Manager process. Time in hours/min/sec in format "xx:yy:zz". This is applied by the GMM.
avCmAlmServLogID	Char string (5)	Logical ID for the server location. This is set to "A" The full set of choices are: • "*" for Security • "A" for Application • "S" for System • "M" for System Management
avCmAlmServAlarmDescription 1.3.6.1.4.1.6889.2.73.9.1.1.33	Char string (80)	Dependent on the alarm condition for Key server access, one of the following strings is included in this field: • "one or more key servers are unreachable". • "all key servers are unreachable" • "all key servers are reachable"

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmAlmServWarning

MIB group name	OID	Type
avCmAlmServWarning	enterprises.6889.2.73.9.0.3002	Notification

Description

The avCmAlmServWarning MIB group displays warning alarms that are generated by the system.

Releases Supported

8.1.2 and later

Objects

Alarm Varbind List	Value	Notes

Table continues...

avCmAlmIPAddress 1.3.6.1.4.1.6889.2.73.9.1.1.1	Char string (100 max)	IP Address of the Communication Manager server sends this alarm. This is applied by the GMM.
avCmAlmSystemName 1.3.6.1.4.1.6889.2.73.9.1.1.2	Char string (256 max)	Host name of the Communication Manager server sends this alarm. This is applied by the GMM.
avCmAlmProductID 1.3.6.1.4.1.6889.2.73.9.1.1.3	Char string (11 max)	This is the Communication Manager product ID of the system, which sends the trap notification. This is applied by the GMM.
avCmAlmSourceName 1.3.6.1.4.1.6889.2.73.9.1.1.30	Char String (10 max)	This is the source name for the server alarm. • “_LX”.
avCmAlmServEvtID 1.3.6.1.4.1.6889.2.73.9.1.1.31	Char string (5 max)	This is set to event type for the server alarm. • "10" for "warning, one or more key servers are unreachable" • "11" for "minor, all key servers are unreachable"
avCmAlmAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.8	Char string (3 max)	This contains the alarm severity of the Communication Manager process. Industry products use a list with the following values: • cleared (1) • indeterminate (2) • critical (3) • major (4) • minor (5) • warning (6)
avCmAlmOrigModAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.9	Char string (11 max)	This object contains the original alarm severity and the modified or reported alarm severity of a Communication Manager process alarm.

Table continues...

avCmAlmAlarmedDate 1.3.6.1.4.1.6889.2.73.9.1.1.10	Char string (5)	This is the date that the alarm was generated by the source Communication Manager process. Day/Month in the format "11/12". This is applied by the GMM.
avCmAlmAlarmedTime 1.3.6.1.4.1.6889.2.73.9.1.1.11	Char string (8)	This is the time that the alarm was generated by the source Communication Manager process. Time in hours/min/sec in format "xx:yy:zz". This is applied by the GMM.
avCmAlmServLogID	Char string (5)	Logical ID for the server location. This is set to "A" The full set of choices are: • "*" for Security • "A" for Application • "S" for System • "M" for System Management
avCmAlmServAlarmDescription 1.3.6.1.4.1.6889.2.73.9.1.1.33	Char string (80)	Dependent on the alarm condition for Key server access, one of the following strings is included in this field: • "one or more key servers are unreachable". • "all key servers are unreachable" • "all key servers are reachable"

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

avCmAlmServResolved

MIB group name	OID	Type
avCmAlmServResolved	enterprises.6889.2.73.9.0.3003	Notification

Description

The avCmAlmServResolved MIB group displays the resolved or cleared alarms generated by the system.

Releases Supported

8.1.2 and later

Objects

Alarm Varbind List	Value	Notes
avCmAlmIPAddress 1.3.6.1.4.1.6889.2.73.9.1.1.1	Char string (100 max)	IP Address of the Communication Manager server sends this alarm. This is applied by the GMM.
avCmAlmSystemName 1.3.6.1.4.1.6889.2.73.9.1.1.2	Char string (256 max)	Host name of the Communication Manager server sends this alarm. This is applied by the GMM.
avCmAlmProductID 1.3.6.1.4.1.6889.2.73.9.1.1.3	Char string (11 max)	This is the Communication Manager product ID of the system, which sends the trap notification. This is applied by the GMM.
avCmAlmSourceName 1.3.6.1.4.1.6889.2.73.9.1.1.30	Char String (10 max)	This is the source name for the server alarm. • “_LX”.
avCmAlmServEvtID 1.3.6.1.4.1.6889.2.73.9.1.1.31	Char string (5 max)	This is set to event type for the server alarm. • “10” for “warning, one or more key servers are unreachable” • “11” for “minor, all key servers are unreachable”
avCmAlmAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.8	Char string (3 max)	This contains the alarm severity of the Communication Manager process. Gateway products use a list with the following values: • cleared (1) • indeterminate (2) • critical (3) • major (4) • minor (5) • warning (6)

Table continues...

avCmAlmOrigModAlarmSeverity 1.3.6.1.4.1.6889.2.73.9.1.1.9	Char string (11 max)	This object contains the original alarm severity and the modified or reported alarm severity of a Communication Manager process alarm.
avCmAlmResolvedDate 1.3.6.1.4.1.6889.2.73.9.1.1.12	Char string (5)	This is the date that the alarm was resolved (cleared) by the source Communication Manager process. Day/Month in the format "11/12". This is applied by the GMM.
avCmAlmResolvedTime 1.3.6.1.4.1.6889.2.73.9.1.1.13	Char string (8)	This is the time that the alarm was resolved (cleaned) by the source Communication Manager process. Time in hours/min/sec in format "xx:yy:zz". This is applied by the GMM.
avCmAlmServLogID 1.3.6.1.4.1.6889.2.73.9.1.1.32	Char string (5)	Logical ID for the server location. This is set to "A". The full set of choices are: • "*" for Security • "A" for Application • "S" for System • "M" for System Management
avCmAlmServAlarmDescription 1.3.6.1.4.1.6889.2.73.9.1.1.33	Char string (80)	Dependent on the alarm condition for Key server access, one of the following strings is included in this field: • "one or more key servers are unreachable". • "all key servers are unreachable" • "all key servers are reachable"

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

AvCmDispEventsHour Group

MIB group name	OID	Type
avCmDispEventsHour	enterprises.6889.2.73.8.1.156	

Description

The avCmDispEventsHour MIB group displays the output of Communication Managers denial event log for the hour interval.

Releases Supported

7.1 and later

Polling Type

Fault

Polling Interval

No more than every hour.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High: The data collected by this MIB Group increases as the number of alarms on the system increase. Consequently, the data collected by this MIB Group could be huge and therefore, may take a long time to collect and could impact system performance.

Associated Communication Manager Commands

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispEventsHour	SAT	Display events	Events Report

Command permissions or user profile

No special permissions are needed. Default customer super-user profile can access this command.

Objects

Object Name Form/Report name	OID	R/W	Type	Field Name	Description
avCmDispEventsHourTable	.1	n/a	Sequence Of AvCmDispE ventsHourEn try	n/a	A list of the avCmDispEv entsHour entries.
avCmDispEventsHourEntry	.1.1	n/a	AvCmDispE ventsHourEn try	n/a	An avCmDispEv entsHour entry containing objects of the avCmDispEv entsHour information sent by the switch.
avCmDispEventsHourEventTypeldx	.1.1.1	n/a	SnmpAdmin String (SIZE (0..6))	n/a	An object that is an index that uniquely identifies the event type.
avCmDispEventsHourIdx	.1.1.2	n/a	Integer32 (0..6500)	n/a	An object containing an index that uniquely identifies a Maintenance Object Hour.
avCmDispEventsHourEventType	.1.1.3	R	SnmpAdmin String (SIZE (0..6))	Event Type	An integer object containing the event code number for a given denial event.
avCmDispEventsHourEventDesc	.1.1.4	R	SnmpAdmin String (SIZE (0..26))	Event Description	An object containing the denial event description.

Table continues...

Object Name Form/Report name	OID	R/W	Type	Field Name	Description
avCmDispEventsHourEventData1	.1.1.5	R	SnmpAdmin String (SIZE (0..10))	Event Data 1	An object containing the first half of the event data.
avCmDispEventsHourEventData2	.1.1.6	R	SnmpAdmin String (SIZE (0..10))	Event Data 2	An object containing the last half of the event data in numeric code used to determine the type of error.
avCmDispEventsHourFirstLastOccurrence	.1.1.7	R	SnmpAdmin String (SIZE (0..37))	First Occur/ Last Occur	An object containing the month/day/hour:min the event first and last occurred.
avCmDispEventsHourEventCnt	.1.1.8	R	SnmpAdmin String (SIZE (0..4))	Event Cnt	An object containing the number of occurrences of the denial event.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

AvCmDispEventsDay Group

MIB group name	OID	Type
avCmDispEventsDay	enterprises.6889.2.73.8.1.157	

Description

The avCmDispEventsDay MIB group displays the output of Communication Managers denial event log for the daily interval.

Releases Supported

CM7.1 and later.

Polling Type

Fault

Polling Interval

No more than once a day.

Default Caching Interval

300 seconds

Timeout Interval

Initial Timeout should be set to 15 seconds.

Retry Interval

Initial Retry should be set to 3.

Limitations

Red/High - The data collected by this MIB Group increases as the number of alarms on the system increase. Consequently the data collected by this MIB Group could be huge and therefore, may take a long time to collect and could impact system performance.

Associated Communication Manager Commands

MIB group name	Bash/SAT	Associated command	Form/Report name
avCmDispEventsDay	SAT	Display events	EVENTS REPORT

Command permissions or user profile

No special permissions needed. Default customer super-user profile can access this command.

Objects

Object Name Form/Report name	OID	R/W	Type	Field Name	Description
avCmDispEventsDayTable	.1	n/a	SEQUENCE OF AvCmDispEv entsDayEntr y	n/a	A list of the avCmDispEv entsDay entries.
avCmDispEventsDayEntry	.1.1	n/a	AvCmDispEv entsDayEntr y	n/a	A avCmDispEv entsDay entry containing objects of the avCmDispEv entsDay information sent by the switch.

Table continues...

Object Name Form/Report name	OID	R/W	Type	Field Name	Description
avCmDispEventsDayEventTypeldx	.1.1.1	n/a	SnmpAdmin String (SIZE (0..6))	n/a	An object that is an index that uniquely identifies the event type.
avCmDispEventsDayIdx	.1.1.2	n/a	Integer32 (0..6500)	n/a	An object containing an index that uniquely identifies a Maintenance Object Day.
avCmDispEventsDayEventType	.1.1.3	R	SnmpAdmin String (SIZE (0..6))	Event Type	An INTEGER object containing the event code number for a given denial event.
avCmDispEventsDayEventDesc	.1.1.4	R	SnmpAdmin String (SIZE (0..26))	Event Description	An object containing the denial event description.
avCmDispEventsDayEventData1	.1.1.5	R	SnmpAdmin String (SIZE (0..10))	Event Data 1	An object containing the first half of the event data.
avCmDispEventsDayEventData2	.1.1.6	R	SnmpAdmin String (SIZE (0..10))	Event Data 2	An object containing the last half of the event data in numeric code used to determine the type of error.

Table continues...

Object Name Form/Report name	OID	R/W	Type	Field Name	Description
avCmDispEventsDayFirstLastOccurrence	.1.1.7	R	SnmpAdmin String (SIZE (0..37))	First Occur/ Last Occur	An object containing the mon/day/hour:min the event first and last occurred.
avCmDispEventsDayEventCnt	.1.1.8	R	SnmpAdmin String (SIZE (0..4))	Event Cnt	An object containing the number of occurrences of the denial event.

Related links

[AVAYA-AURA-CM-MIB](#) on page 11

Chapter 3: SNMP administration

Adding an SNMP agent using the web interface

Procedure

1. Log in to the Avaya Aura[®] Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Click **Add/Change**.
5. On the Access page:
 - To create an SNMPv1 user, enter the following details under SNMP Version 1 section:
 - FQDN/IP address
 - Access
 - Community Name
 - To create an SNMPv2 user, enter the following details under SNMP Version 2 section:
 - FQDN/IP address
 - Access
 - Community Name
 - To create an SNMPv3 user, enter the following details under SNMP Version 3 section:
 - Access
 - User Name
 - Authentication Protocol
 - Authentication Password
 - Privacy Protocol
 - Privacy Password
6. Click **Submit**.

Access field descriptions

Name	Description
FQDN/IP address	Specifies the FQDN/IP address of the SNMP polling system.
Access	Specifies the access permission for the user: • read-only: Community or user can only query for information. • read-write: Community or user can query agents for information (SNMPGETs) and send commands to an agent (SNMPSETs).
Community Name	Specifies the SNMP community name. The community name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
User Name	Specifies a user to send traps to a destination. The user name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Authentication Protocol	Specifies the authentication protocol in use. The options are: • MD5 • SHA

Table continues...

Name	Description
Authentication Password	Specifies a password for authentication and privacy. The password must have a minimum length of 8 and a maximum length of 64 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Privacy Protocol	Specifies the privacy protocol in use. The options are: • DES • AES128
Privacy Password	Specifies a password that the user specified in the User Name field must provide for privacy. The password must have a minimum length of 8 and a maximum length of 64 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,

Modifying an SNMP agent using the web interface

Procedure

1. Log in to the Avaya Aura[®] Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.

3. In the SNMP section, click **Access**.
4. Click **Add/Change**.
5. Update the following:
 - FQDN/IP Addresses for SNMP Access
 - SNMP Users/Communities
6. Click **Submit**.

Example

Deleting an SNMP agent using the web interface

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Select the agent that you want to delete.
5. Click **Delete**.

Example

Viewing the status of agents using the web interface

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **Agent Status**.

Adding an SNMP trap using the web interface

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.

4. Click **Add/Change**.
5. On the Add Trap Destination page, do the following:
 - To create an SNMPv1 trap, enter the following details under SNMP Version 1 section:
 - FQDN/IP address
 - Community Name
 - To create an SNMPv2 trap, enter the following details under SNMP Version 2 section:
 - FQDN/IP address
 - Notification
 - Community Name
 - To create an SNMPv3 trap, enter the following details under SNMP Version 3 section:
 - FQDN/IP address
 - Notification
 - User Name
 - Authentication Protocol
 - Authentication Password
 - Privacy Protocol
 - Privacy Password
 - Engine ID
6. Click **Submit**.

FP Traps field descriptions

Name	Description
FQDN	Specifies the FQDN (Fully Qualified Domain Name) of the SNMP polling system.
Port	Specifies the port number. The default port is 162. The value range is from 0 to 65535.
Notification	Refers to traps or inform requests.  Note: For 911 Emergency call Notification, the field must be set to inform for SNMP Version 3 so that the notification is acknowledged by subscribed emergency notification receiver when 911 is dialed.

Table continues...

Name	Description
Community Name	Specifies the SNMP community name. The community name can have a minimum of 1 and a maximum of 31 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
User Name	Specifies a user to send traps to a destination. The user name can have a minimum of 1 and a maximum of 31 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Authentication Protocol	Specifies the authentication protocol in use. The options are: • MD5 • SHA

Table continues...

Name	Description
Authentication Password	Specifies a password for authentication and privacy. The password must have a minimum of 8 and a maximum of 64 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Privacy Protocol	Specifies the privacy protocol in use. The options are: • DES • AES128
Privacy Password	Specifies a password that the user specified in the User Name field must provide for privacy. The password must have a minimum of 8 and a maximum of 64 characters. The system does not allow certain characters, such as: • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Engine ID	Specifies the unique SNMP Engine ID if you set the Notification field to <code>inform</code>. This field is disabled and set to <code>[local Engine ID]</code> if you set the Notification field to <code>trap</code>.

Generating a trap test using the web interface

About this task

Use the procedure to send a test trap to the configured FP trap destination.

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. Click **Generate Test Trap**.

Modifying an administered SNMP trap using the web interface

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **Agent Status**.
4. In the SNMP section, click **FP Traps**.
5. In the Current Settings section, select the trap that you want to modify.
6. Make the changes to the trap destination.
7. Click **Change**.
8. In the SNMP section, click **Agent Status**.

Deleting an administered SNMP trap using the web interface

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. In the Current Settings section, select the trap that you want to delete.
5. Click **Delete**.

Viewing the AVAYA-AURA-CM-MIB.dat information

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Click **View AVAYA-AURA-CM-MIB Data**.

Viewing the AVAYA-AURA-CMALARM-MIB.dat information

Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration > Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. Click **View AVAYA-AURA-CM-ALARM-MIB Data**.

Chapter 4: SNMP BASH Commands

snmpagentsstatus

Use the following command to display the SNMP agent status.

Syntax:

```
snmpagentsstatus [-s process]
```

where, *[process]* is CMFPAgent, CMLoadAgent, or CMSubAgent whose status is to be displayed.

Example:

```
snmpagentsstatus [-s CMFPAgent]
```

snmpconfig

Use this command to display the system local Engine ID.

Syntax:

```
snmpconfig -e
```

where,

-e: Retrieve local Engine ID.

```
snmpconfig -r [both | snmpd | snmptrapd]
```

where,

-r: Resets snmpd, snmptrapd, or both configurations files to default settings.

```
snmpconfig -s [Engine ID]
```

where,

-s: Sets local engine ID.

Example:

```
snmpconfig -r [both]
```

```
snmpconfig -r [snmpd]
```

```
snmpconfig -r [snmptrapd]
```

snmpinctrapconfig

Use this command to configure incoming trap. You can either enable or disable a trap.

Syntax:

- For SNMP v1 and SNMP v2:

```
snmpinctrapconfig -v 1|2 -c <comm_name> [-o <comm_name> ] --add | --delete | --change where,
```

-v: SNMP version

-c: Community name

-o: Previous community name

--add: Add trap

--delete: Delete trap

--change: Modify trap

- For SNMP v3:

: Inform entry

```
snmpinctrapconfig -v 3 --inform|--trap -u <user> [-o <user> ] [ -s authNoPriv|authPriv] [ -a <auth_passwd>]
[--auth_prot <protocol>]
[-p <priv_passwd>]
[--priv_prot <protocol>] --add | --delete | --change where,
```

-v: SNMP version

--inform: Inform entry

--trap: Trap entry

-u: User name

-o: Previous community name

-s: Security model

-a: Authentication password

--auth_prot: Authentication protocol

-p: Privacy password

--priv_prot: Privacy protocol

--add: Add entry

--delete: Delete entry

--change: Modify entry

Example:

- Version 1:

```
snmpintrapconfig -v1 -c public --add
snmpintrapconfig -v1 -c private -o public --change
snmpintrapconfig -v1 -c private -o public --delete
```

- Version 2:

```
snmpintrapconfig -v2 -c public--add
snmpintrapconfig -v2 -c private -o public--change
snmpintrapconfig -v2 -c private -o public --delete
```

- Version 3:

```
snmpintrapconfig -v3 --trap -u snmpintrapname -s authNoPriv -a auth_passwd --
auth_protMD5MD5 -e farengineid --add
snmpintrapconfig -v3 --trap -u newintrapname -o snmpintrapname -s authNoPriv -a
auth_passwd --auth_protMD5 --change
snmpintrapconfig -v3 --trap -u newintrapname -s authNoPriv -a auth_passwd
-auth_protMD5 -a auth_passwd --auth_protMD5 --delete
```

Following is an example of a command history entry:

```
<E911 CALL ext:20007! Name:current occupant! Type:4606! IP Address:<111.222.123.204!
Mac Address:0205857feb80! Building:hotel! Floor:100th! Room:lobby! Emergency Ext:20007!
Tenant Number:1! Dialed Number:911! >
```

snmptrapconfig

Use this command to configure SNMP traps. You can add, modify, or delete a trap.

Syntax:

- For SNMP v1 and SNMP v2:

```
snmptrapconfig -v 1|2 --inform|--trap --if <ipaddr or fqdn> [--old_ipaddrfqdn
<ipaddr or fqdn>] [-i <ipaddr or fqdn>[--old_ipaddrfqdn <ipaddr or fqdn>] --port
<number> --port <number> -c <comm_name> [-o <comm_name> ] --add | --delete | --
change
```

where

-if: destination fqdn or IP address

--old_ipaddrfqdn: previous destination fqdn or IP address (Only valid with “Change” option or required when changing the destination for an entry.)

-v: SNMP version (1, 2, 3)

--inform: inform entry (v2 & v3 only)

--trap: trap entry

-i: destination IP address

--old_type: previous entry type (inform / trap) (only valid with the 'change' option, required when changing the user/community name)

--port: port Number (default is 162)

-c: v1/v2c Community name

-o: previous community/user name (only valid with the 'change' option, required when changing the user/community name.)

--add: Add trap

--delete: Delete trap

--change: Modify trap

- For SNMP v3:

```
snmptrapconfig -v 3 --inform|--trap --if <ipaddr or fqdn> [--old_ipaddrfqdn <ipaddr or fqdn>] [-i<ipaddr or fqdn>[--old_ipaddrfqdn <ipaddr or fqdn>]] -u <user> [-o <user>] [-s authNoPriv|authPriv] [-a <auth_passwd>] [--auth_prot <protocol>] [-p <priv_passwd>] [-p --priv_prot <protocol>] --add | --delete | --change
```

```
snmptrapconfig --help | -h
```

where

-v: SNMP version (1, 2, 3)

--trap: trap entry

-i: destination IP address

--old_ipaddr: previous destination IP address

-u: v3 user name

-o: Previous community/user name (only valid with the 'change' option, required when changing the user/community name).

-s: v3 security model (authNoPriv, authPriv)

-a: v3 authentication password

--auth_prot: v3 authentication protocol (MD5, SHA)

-p: v3 privacy password

--priv_prot: v3 privacy protocol

-e: Engine ID (used with --if option)

--add: add entry

--delete: delete entry

--change: change entry

--auth_list: list supported authentication protocols

--priv_list: list supported privacy protocols

--rclist: list possible return codes from this command

--rcode: obtain error string associated with a return code

--help | -h: usage (this)

“snmptrapconfig” called with no arguments will display the current configuration.

*** Note:**

Using the -a and -p options with arguments on the command line poses a security risk as the passwords may be logged. Instead, use the -a and -p options without arguments to prevent the risk.

Example:

• Version 1:

```
snmptrapconfig -v 1 --trap -i 135.9.36.44 --port 162 -c public --add
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --old_ipaddr 135.9.36.44 --port 162 -c private -o public --change
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --port 162 -c private --delete
```

• Version 2:

```
snmptrapconfig -v 2 --trap -i 135.9.36.44 --port 162 -c public --add
```

```
snmptrapconfig -v 2 --trap -i 135.9.36.43 --old_ipaddr 135.9.36.44 --port 162 -c private -o public --change
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --port 162 -c private --delete
```

• Version 3:

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u user1 -sauthNoPriv -aauthpasswd --auth_protMD5 -pprivpasswd --priv_prot DES --add
```

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u username -ouser1 -sauthNoPriv -aauthpasswd --auth_protMD5 -pprivpasswd --priv_prot DES --change
```

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u username --delete
```

snmpuserconfig

Use the **snmpuserconfig** command to configure SNMP users. You can add, modify, or delete a user.

Syntax:

• For SNMP v1 and SNMP v2:

```
snmpuserconfig -v 1|2 -r|-w --if <ipaddr or fqdn> [--old_ipaddrfqdn <ipaddr or fqdn>] -c<comm_name> [-o <comm_name>] --add | --delete | --change
```

where,

--if: IP address or fqdn of the polling system or '0.0.0.0' for IPV4 Any

-i: IP address or fqdn of the polling system or '0.0.0.0' for IPV4 Any. Valid IP addresses or ':::' for ipV6 Any Valid IP addresses.

--old_ipaddrfqdn: previous destination fqdn or IP address (Only valid with “Change” option or required when changing the destination for an entry.)

-w: Read-write access

-d: Enter 'enable' or 'disable' for LSP dcedge tunneling

-i: Destination IP address

--old_ipaddr: Previous destination IP address

-c: v1/v2c community name

-o: Previous community name

--add: Add user

--delete: Delete user

--change: Modify user

- For SNMP v3:

```
snmpuserconfig -v 3 -r|-w -u <user> [-o <user>] [-sauthNoPriv | authPriv] [-a
<auth_passwd>] [--auth_prot<protocol>] [-p <priv_passwd>] [--priv_prot <protocol>] --
add | --delete | --change
```

```
snmpuserconfig --help | -h
```

where,

-v: SNMP version (1, 2, 3)

-r: Read-only entry

-w: Read/write access

-u: v3 user name

-o: Previous community/user name (only valid with the “change” option, required when changing the user/community name.)

-s: v3 security model (authNoPriv, authPriv)

-a: v3 authentication password

--auth_prot: Authentication protocol

-p: v3 privacy password

--priv_prot: v3 privacy protocol (none, DES, AES128)

--add: Add user

--delete: Delete user

--change: Modify user

--auth_list: List supported authentication protocols

--priv_list: List supported privacy protocols

--rclist: List possible return codes from this command

--rcode: Obtain error string associated with a return code

--help | -h: Usage (this)

DEFAULT: “snmpuserconfig” called with no arguments will display the current configuration.

*** Note:**

Using the -a and -p options with arguments on the command line poses a security risk as the passwords may be logged. Instead, use the -a and -p options without arguments to prevent the risk.

Example:

- Version 1:

```
snmpuserconfig -v 1 -r -i 135.9.36.44 -c public--add
```

```
snmpuserconfig -v 1 -r -i 135.9.36.43 --old_ipaddr135.9.36.44-c private-o public --change
```

```
snmpuserconfig -v 1 -r -i 135.9.36.43 -c private --delete
```

- Version 2:

```
snmpuserconfig -v 2 -w -i 135.9.36.44 -cpublic--add
```

```
snmpuserconfig -v 2 -r -i 135.9.36.43 --old_ipaddr135.9.36.44-cprivate -opublic --change
```

```
snmpuserconfig -v 2 -w -i 135.9.36.43 -c private--delete
```

- Version 3:

```
snmpuserconfig -v3 -w -u user1 -sauthPriv-aauthpasswd--auth_protMD5-pprivpasswd-p--priv_protDES --add
```

```
snmpuserconfig -v3 -w -u username -ouser1-sauthPriv-aauthpasswd--auth_protMD5-pprivpasswd--priv_protDES--change
```

```
snmpuserconfig -v3 -w -u user1 --delete
```

testcustalm

Use the **testcustalm** command to test the working of the alarm processing between the system and the receiver.

Syntax:

```
testcustalm
```

No command-line parameter is required with this command.

Example:

```
testcustalm
```

Chapter 5: Resources

Communication Manager documentation

The following table lists the documents related to Communication Manager. Download the documents from the Avaya Support website at <http://support.avaya.com>.

Title	Description	Audience
Design		
<i>Avaya Aura® Communication Manager Overview and Specification</i>	Provides an overview of the features of Communication Manager.	Sales Engineers, Solution Architects
<i>Avaya Aura® Communication Manager Security Design</i>	Describes security-related issues and security features of Communication Manager.	Sales Engineers, Solution Architects
<i>Avaya Aura® Communication Manager System Capacities Table</i>	Describes the system capacities for Avaya Aura® Communication Manager.	Sales Engineers, Solution Architects
<i>LED Descriptions for Avaya Aura® Communication Manager Hardware Components</i>	Describes the LED for hardware components of Avaya Aura® Communication Manager.	Sales Engineers, Solution Architects
<i>Avaya Aura® Communication Manager Hardware Description and Reference</i>	Describes the hardware requirements for Avaya Aura® Communication Manager.	Sales Engineers, Solution Architects
<i>Avaya Aura® Communication Manager Survivability Options</i>	Describes the system survivability options for Avaya Aura® Communication Manager.	Sales Engineers, Solution Architects
<i>Avaya Aura® Core Solution Description</i>	Provides a high level description for the solution.	Sales Engineers, Solution Architects
Maintenance and Troubleshooting		
<i>Avaya Aura® Communication Manager Reports</i>	Describes the reports for Avaya Aura® Communication Manager.	Sales Engineers, Solution Architects, Implementation Engineers, Support Personnel
<i>Maintenance Procedures for Avaya Aura® Communication Manager, Branch Gateways and Servers</i>	Provides procedures to maintain Avaya servers and gateways.	Sales Engineers, Solution Architects, Implementation Engineers, Support Personnel

Table continues...

Title	Description	Audience
<i>Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers</i>	Provides commands to monitor, test, and maintain Avaya servers and gateways.	Sales Engineers, Solution Architects, Implementation Engineers, Support Personnel
<i>Avaya Aura® Communication Manager Alarms, Events, and Logs Reference</i>	Provides procedures to monitor, test, and maintain Avaya servers and describes the denial events listed on the Events Report form.	Sales Engineers, Solution Architects, Implementation Engineers, Support Personnel
Administration		
<i>Administering Avaya Aura® Communication Manager</i>	Describes the procedures and screens for administering Communication Manager.	Sales Engineers, Implementation Engineers, Support Personnel
<i>Administering Network Connectivity on Avaya Aura® Communication Manager</i>	Describes the network connectivity for Communication Manager.	Sales Engineers, Implementation Engineers, Support Personnel
<i>Avaya Aura® Communication Manager SNMP Administration and Reference</i>	Describes SNMP administration for Communication Manager.	Sales Engineers, Implementation Engineers, Support Personnel
<i>Administering Avaya Aura® Communication Manager Server Options</i>	Describes server options for Communication Manager.	Sales Engineers, Implementation Engineers, Support Personnel
<i>Avaya Aura® Communication Manager Data Privacy Guidelines</i>	Describes how to administer Communication Manager to fulfill Data Privacy requirements.	Sales Engineers, Implementation Engineers, Support Personnel
Implementation and Upgrading		
<i>Deploying Avaya Aura® Communication Manager in Virtualized Environment</i>	Describes the implementation instructions while deploying Communication Manager on VMware.	Implementation Engineers, Support Personnel, Solution Architects
<i>Deploying Avaya Aura® Communication Manager in Software-Only and Infrastructure as a Service Environments</i>	Describes the implementation instructions while deploying Communication Manager on a software-only environment and Amazon Web Service, Microsoft Azure, and Google Cloud Platform.	Implementation Engineers, Support Personnel, Solution Architects

Table continues...

Title	Description	Audience
<i>Upgrading Avaya Aura® Communication Manager</i>	Describes instructions while upgrading Communication Manager.	Implementation Engineers, Support Personnel, Solution Architects
Understanding		
<i>Avaya Aura® Communication Manager Feature Description and Implementation</i>	Describes the features that you can administer using Communication Manager.	Sales Engineers, Solution Architects, Support Personnel
<i>Avaya Aura® Communication Manager Screen Reference</i>	Describes the screens that you can administer using Communication Manager.	Sales Engineers, Solution Architects, Support Personnel
<i>Avaya Aura® Communication Manager Special Application Features</i>	Describes the special features that specific customers request for their specific requirement.	Sales Engineers, Solution Architects, Avaya Business Partners, Support Personnel

Finding documents on the Avaya Support website

Procedure

1. Go to <https://support.avaya.com>.
2. At the top of the screen, click **Sign In**.
3. Type your **EMAIL ADDRESS** and click **Next**.
4. Enter your **PASSWORD** and click **Sign On**.
5. Click **Product Documents**.
6. Click **Search Product** and type the product name.
7. Select the **Select Content Type** from the drop-down list
8. In **Select Release**, select the appropriate release number.

For example, for user guides, click **User Guides** in the **Content Type** filter. The list only displays the documents for the selected category.

9. Press **Enter**.

Accessing the port matrix document

Procedure

1. Go to <https://support.avaya.com>.
2. At the top of the screen, click **Sign In**.
3. Type your **EMAIL ADDRESS** and click **Next**.
4. Enter your **PASSWORD** and click **Sign On**.

5. Click **Product Documents**.
6. Click **Search Product** and type the product name.
7. Select the **Select Content Type** from the drop-down list
8. In **Choose Release**, select the required release number.
9. In the **Content Type** filter, select one or both the following categories:
 - **Application & Technical Notes**
 - **Design, Development & System Mgt**

The list displays the product-specific Port Matrix document.

10. Press **Enter**.

Avaya Documentation Center navigation

For some programs, the latest customer documentation is now available on the Avaya Documentation Center website at <https://documentation.avaya.com>.

Important:

For documents that are not available on Avaya Documentation Center, click **More Sites > Support** on the top menu to open <https://support.avaya.com>.

Using the Avaya Documentation Center, you can:

- Search for keywords.
To filter by product, click **Filters** and select a product.
- Search for documents.
From **Products & Solutions**, select a solution category and product, and then select the appropriate document from the list.
- Sort documents on the search results page.
- Click **Languages** () to change the display language and view localized documents.
- Publish a PDF of the current section in a document, the section and its subsections, or the entire document.
- Add content to your collection using **My Docs** ().

Navigate to the **Manage Content > My Docs** menu, and do any of the following:

- Create, rename, and delete a collection.
- Add topics from various documents to a collection.
- Save a PDF of the selected content in a collection and download it to your computer.
- Share content in a collection with others through email.
- Receive collection that others have shared with you.

- Add yourself as a watcher using the **Watch** icon (👁).

Navigate to the **Manage Content > Watchlist** menu, and do the following:

- Enable **Include in email notification** to receive email alerts.
- Unwatch selected content, all content in a document, or all content on the Watch list page.

As a watcher, you are notified when content is updated or deleted from a document, or the document is removed from the website.

- Share a section on social media platforms, such as Facebook, LinkedIn, and Twitter.
- Send feedback on a section and rate the content.

 Note:

Some functionality is only available when you log in to the website. The available functionality depends on your role.

Training

The following courses are available on the Avaya Learning website at <http://www.avaya-learning.com>. After logging in to the website, enter the course code or the course title in the **Search** field and press **Enter** or click **>** to search for the course.

Course code	Course title
20460W	Virtualization and Installation Basics for Avaya Team Engagement Solutions
20980W	What's New with Avaya Aura®
71201V	Integrating Avaya Aura® Core Components
72201V	Supporting Avaya Aura® Core Components
61131V	Administering Avaya Aura® System Manager Release 10.1
61451V	Administering Avaya Aura® Communication Manager Release 10.1

Viewing Avaya Mentor videos

Avaya Mentor videos provide technical content on how to install, configure, and troubleshoot Avaya products.

About this task

Videos are available on the Avaya Support website, listed under the video document type, and on the Avaya-run channel on YouTube.

- To find videos on the Avaya Support website, go to <https://support.avaya.com/> and do one of the following:
 - In **Search**, type `Avaya Mentor Videos`, click **Clear All** and select **Video** in the **Content Type**.
 - In **Search**, type the product name. On the Search Results page, click **Clear All** and select **Video** in the **Content Type**.

The **Video** content type is displayed only when videos are available for that product.

In the right pane, the page displays a list of available videos.

- To find the Avaya Mentor videos on YouTube, go to www.youtube.com/AvayaMentor and do one of the following:
 - Enter a keyword or keywords in the **Search Channel** to search for a specific product or topic.
 - Scroll down Playlists, and click a topic name to see the list of videos available. For example, Contact Centers.

Note:

Videos are not available for all products.

Support

Go to the Avaya Support website at <https://support.avaya.com> for the most up-to-date documentation, product notices, and knowledge articles. You can also search for release notes, downloads, and resolutions to issues. Use the online service request system to create a service request. Chat with live agents to get answers to questions, or request an agent to connect you to a support team if an issue requires additional expertise.

Using the Avaya InSite Knowledge Base

The Avaya InSite Knowledge Base is a web-based search engine that provides:

- Up-to-date troubleshooting procedures and technical tips
- Information about service packs
- Access to customer and technical documentation
- Information about training and certification programs
- Links to other pertinent information

If you are an authorized Avaya Partner or a current Avaya customer with a support contract, you can access the Knowledge Base without extra cost. You must have a login account and a valid Sold-To number.

Use the Avaya InSite Knowledge Base for any potential solutions to problems.

1. Go to <https://support.avaya.com>.
2. At the top of the screen, click **Sign In**.
3. Type your **EMAIL ADDRESS** and click **Next**.
4. Enter your **PASSWORD** and click **Sign On**.
The system displays the Avaya Support page.
5. Click **Support by Product > Product-specific Support**.
6. In **Enter Product Name**, enter the product, and press `Enter`.
7. Select the product from the list, and select a release.
8. Click the **Technical Solutions** tab to see articles.
9. Select **Related Information**.

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