MITEL

# Data Interface Specifications

Simple Network Management Protocol (SNMP)
Developer Guide
MCD 4.1
SX-2000 LIGHTWARE 34 Rel. 1.0

**MITEL**

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# What's New

This document describes the Simple Management Network Protocol (SNMP) data interface specification for the 3300ICP and SX-2000 platforms. The SNMP data interface was previously described in the Data Interface Specification Developer Guide. This document provides a more detailed description of the data interfaces for each of the 3300ICP variants, including the Management Information Base (MIB) modules for the family of 3300ICP nodes that the SNMP agent will support for extracting statistical and network topology information associated with faults and diagnostics.

Mitel Communications Director (MCD) Release 4.0 introduces separate brands for the Mitel range of hardware and software-only solutions for the IP communications market. Mitel Communications Director (MCD) is the brand name of the call-processing software that runs on hardware platforms such as the 3300 ICP and industry standard servers. The 3300 ICP name continues as the brand for Mitel hardware platforms that run MCD.

# Introduction

This guide is part of the Mitel Solutions Assurance (MSA) documentation library, the description of which is on page 4.

MSA is a program that offers third-party firms and end-user companies access to software development tool kits and support services for integration to our award-winning range of IP communication devices. To extend the many telephony devices and applications that Mitel markets, we provide a collection of interfaces for third-party software companies to develop their own applications to interact with Mitel products.

There are three interface levels as follows:

- **Developer**
  Contains the MSA Software Development Kit (SDK) providing developers with what they need to effectively develop applications for the 3300 ICP and SX-200 ICP. For more information about SDK, see the SDK Installation and Maintenance Guide available from the MSA web site. See the Documentation Index on page 2.

- **Member**
  Interfaces on Mitel ICPs are accessible over a network connection using TCP/IP Ethernet ports. Data streams are provided on specific ports, with a maximum of three connections for each system application.

- **Other**
  The Live Business Gateway – an interface that enables communication between the 3300 ICP and Microsoft Office Communicator.

The focus of this document is on the Member Level interfaces and is intended for third-party application developers to use as a reference when building data interface applications on Mitel's 3300ICP and SX-2000 switching platforms. Included is an overview and detailed specifications of the data interfaces available on the Mitel 3300ICP (Release 8.0 and up) and SX-2000 LIGHT (LIGHTWARE 34 Release 1.0 and up).

Readers of this document will obtain the information necessary to integrate third-party applications into Mitel's products, with access to the data interface details captured at the Mitel data stream for Simple Network Management Protocol (SNMP).

Unless otherwise noted, all information in this document applies to both the 3300ICP and the SX-2000 LIGHT.

# What the Developer Needs to Know

The development process outlined in this section details important considerations associated with customizing Mitel's APIs. This section functions as a reference guide to faciliate initial planning and development phases; it does not provide a comprehensive development procedure.

The application development process consists of three stages:

1. **Planning**

   - Consider the features and functionality your application requires.

   - Consider any restrictions associated with the platform you are building on.

   - Research the Mitel interfaces using the documents listed in the Documentation Index on page 2. and select the one that best meets your needs.

2. **Creating**

   - Use the appropriate Installation and Maintenance Guide to install your selected interface.

   - Use the appropriate Developer Guide for reference.

   - Create and test your application.

   - Assess performance.

3. **Supporting**

   - Confirm that your application observes platform restrictions.

   - Deploy and support your customized software application.

# Documentation Index

Mitel maintains a rich documentation suite at both Mitel OnLine and at the MiSN secure web site. For information about available documentation and how to access it, refer to:

- Accessing Product Documentation (on this page)

- Accessing the MSA web site on page 3

- Developer Interfaces Documentation on page 4

- Basic Interfaces Documentation on page 5

- Other Interfaces Documentation on page 5

- Controller/PBX Documentation on page 6

## Accessing Product Documentation

**Note**: For access to all product documents except telephone user guides, you need a Mitel OnLine username and password.

To access Mitel product documentation at Mitel OnLine:

1. Go to www.edocs.mitel.com.

2. Select a documentation suite from one of the following drop-down menus:

   - Communications Platforms

   - Messaging

   - Applications & Solutions

- Software Development
- End User Documents

**3.** Log in if asked to do so

📝 **Note:** For Technical Bulletins (TB) and Release Notes (RN), click **Knowledge Base** in the **Other Resources** window in the left-side navigation pane.

**4.** To access IP Phone documentation, select **PDF Guides** from the **End User Documents** drop-down menu at the top of the page.

## Accessing the MSA web site

📝 **Note:** You must be a member of MSA to access the secure web site.

To access the MSA web site (including software downloads and MSA documentation):

**1.** Go to http://www.mitel.com, and click **Login** near the top of the page.

**2.** Enter your **User ID** and **Password** in the login area and then click **Log in**.

**3.** Point to **MSA** and then click **MSA Downloads**.

**4.** Scroll to the appropriate section for documentation or downloads, and click on the appropriate link.

The MSA web site includes:

- Software downloads for both controller/PBX and developer software
- Software Release Notices
- Sample Code
- Additional documentation for 3300 database configuration

## MSA Interfaces Documentation
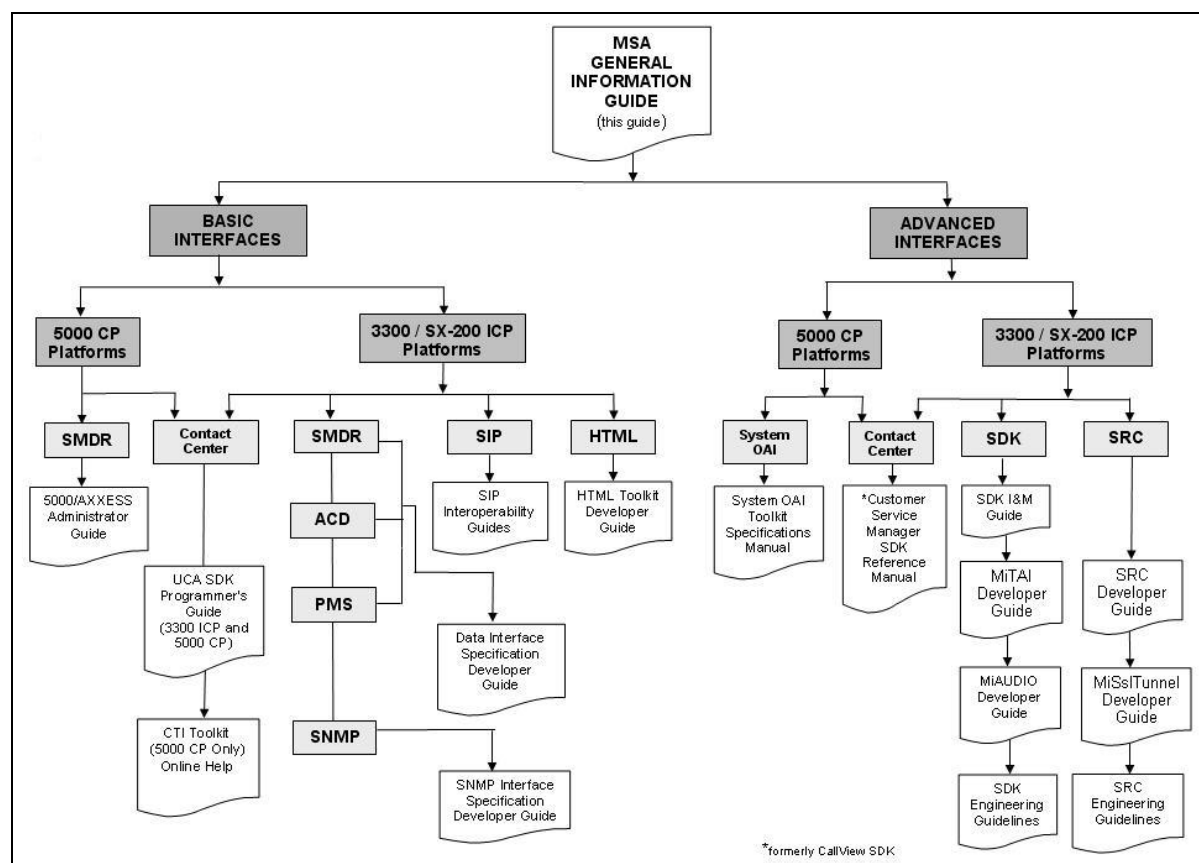


## Advanced Interfaces Documentation

| Topic | Document Name | Detail | Find it at: |
|-------|---------------|--------|-------------|
| SDK | Installation & Maintenance Guide | Installation, upgrade, maintenance, and troubleshooting information for all SDK software including MiTAI and MiAUDIO | MSA-on-MOL Portal |
| | Engineering Guidelines | Assist in planning and installation of SDK software; intended to highlight specific areas of the product that need to be considered before installation. | |
| | MiTAI Developer Guide | Programming, maintenance, and troubleshooting procedures. | |
| | MiAUDIO Developer Guide | Programming, maintenance, and troubleshooting procedures. | |
| SRC | MiSsl Tunnel Developer Guide | Programming, maintenance, and troubleshooting procedures for the Mitel application library MiSslTunnel. | MOL Product Docs |
| | SRC Developer Guide | Programming, maintenance, and troubleshooting procedures. | |
| | Engineering Guidelines | Assist in planning and installation of SRC software; intended to highlight specific areas of the | |

| Topic | Document Name | Detail | Find it at: |
|---|---|---|---|
| | | product that need to be considered before installation. | |
| **Contact Center** | Customer Service Manager SDK Reference Manual | Documents creation of user-defined actions, along with use of the CSM macro language and Active X control. | MSA-on-MOL Portal |
| **System OAI** | System OAI Toolkit Specifications Manual | Provide the information and tools you need to interface with and develop applications using the Axxess or 5000 CP System OAI link. | MSA-on-MOL Portal |

## Basic Interfaces Documentation

| Topic | Document Name | Detail | Find it at: |
|---|---|---|---|
| **SNMP** | Simple Network Management Protocol Interface Specification Developer Guide | Access and programming (this guide). | MSA-on-MOL Portal |
| **SMDR** | Data Interface Specifications Developer Guide | Access, programming, maintenance, and troubleshooting procedures. | |
| **ACD** | | | |
| **PMS** | | | |
| **HTML Toolkit** | Developer Guide | Programming, maintenance, and troubleshooting procedures. | |
| **SIP** | Interoperability Guides | Functional criteria for SIP User Agent Clients. Support for SIP Trunking and a Certification Test Plan.<br>**Note**: When available, these documents will be posted to the MiSN web site. | |
| **SMDR (Axxess & 5000)** | Administrator Guide | Configuration and formatting of SMDR. | |

## Other Interfaces Documentation

| Topic | Document Name | Detail | Find it at: |
|---|---|---|---|
| **Live Business Gateway** | Installation & Maintenance Guide | Installation, upgrade, maintenance, and troubleshooting information. | MOL – Product Docs |
| | Engineering Guidelines | Assist in planning and installation of LBG. | |
| **CTI Toolkit** | CTI Developer Toolkit Overview | Functional overview, sample applications, common user scenarios, and troubleshooting information. | MSA-on-MOL Portal |
| **UCA SDK** | Unified Communicator Advanced Software Development Kit Programmers Guide | Describes the programming environment of the Mitel UCA SDK, an optional component of the UCA client. | MSA-on-MOL Portal |

# Controller/PBX Documentation

This table below lists controller/PBX documentation that can be found in the electronic documentation included with the controller/PBX, and at Mitel OnLine:

| Topic | Document Name | Detail |
|---|---|---|
| **Mitel Communications Director** (formerly 3300 ICP) | General Information Guide | Overview of system and associated peripherals and applications |
| | Technician's Handbook | Installation, upgrade, maintenance, and troubleshooting information |
| | Engineering Guidelines | Assist in planning and installation of 3300 ICP platforms; intended to highlight specific areas of the product that need to be considered before installation. |
| | Hardware Technical Reference | Hardware specifications |
| | Configuration Tool Help | Detailed procedures for configuring 3300 ICP with default database and for migration of other existing systems. |
| | Sys Admin Tool Help | Programming, maintenance, and troubleshooting procedures. |
| | Portable Directory Number (Clusters) | Description of Portable Directory Number (PDN) call processing feature |
| | Resiliency Guide | Comprehensive overview of Mitel resiliency solution |
| **SX-2000 LIGHT** | General Information Guide | Overview of system and associated peripherals and applications |
| | Technical Documentation | Programming, maintenance, and troubleshooting procedures. |
| | Technician's Handbook | Installation, upgrade, maintenance, and troubleshooting information. Quick reference to maintenance commands and frequently used procedures |
| **SX-200 ICP** | General Information Guide | Overview of system and associated peripherals and applications |
| | Technical Documentation | Programming, maintenance, and troubleshooting procedures. |
| | Technician's Handbook | Installation, upgrade, maintenance, and troubleshooting information. Quick reference to maintenance commands and frequently used procedures. |
| | Engineering Guidelines | Assist in planning and installation of SX-200 ICP platforms; intended to highlight specific areas of the product that need to be considered before installation. |
| **5000 CP** | 5000 CP Installation Guide | Provides information needed to plan, install, program, implement, and maintain any of three configurations of the 5000 advanced communications platform—the CS-5200, the CS-5400, and the CS-5600. |
| | 5000 CP Administrator Guide | Provides system administrators and voice mail administrators with information about the 5000 CP family of products. |
| | 5000 CP Program Planning Sheet | Assist in planning and installation of 5000 platforms; intended to highlight specific areas of the product that need to be considered before installation. |
| | Message Print Diagnostics Manual | Technician reference for diagnostic output from the 5000 CP and Axxess systems. |

# Other Documentation

| Topic | Document Name | Detail |
|-------|---------------|--------|
| **Axxess Converged Communication Platform** | Axxess Converged Communications Platform Installation and Maintenance Manual | Provides information needed to plan, install, program, implement, maintain an Axxess Converged Communications Platform. |
| | Axxess Converged Communications Platform Administrator Guide | Provides information and detailed instructions about system hardware and features.<br><br>Note: Refer to the User Guide provided with each endpoint for simplified instructions about using endpoint and voice mail system features. |
| **Customer Service Manager (CSM) (formerly Contact Center Suite)** | CSM Installation Manual | Provides information required to plan, install, program, implement, and maintain a Contact Center Suite platform. |
| | CSM User Guide | Instructions for agents and supervisors using Contact Center Suite client applications, including Connection Assistant. |
| **Enterprise Messaging/OSE** | Enterprise Messaging Installation Manual | Provides information required to plan, install, program, implement, maintain, and troubleshoot Enterprise Messaging (EM). |
| | Enterprise Messaging Field Configuration Utility Instructions | Instruction about starting and configuring the Enterprise Messaging Field Configuration Utility (FCU) for use with the EM voice processing unit. |
| | Unified Messaging Open Standards Edition (OSE) Administrator's Guide | Provides information and detailed instructions about system hardware and features. |
| **Messaging Server** | Mitel Messenger General Information Guide | An overview of the Mitel Messaging Server Release 2.0. It describes an all-in-one communication solution that gives users access to applications such as desktop call control, web messaging and administration, instant messaging and wireless connectivity. |
| | Engineering Guidelines | Provides network and server/client PC requirements, feature considerations and specific deployment recommendations. |
| | ActiveX Script Builder Guide | Provides detailed instructions for programming custom ActiveX scripts to provide back-end integration between the Call Manager screen-pop application and any open database connectivity (ODBC)-compliant contact database. |

# Obtaining Technical Assistance

MSA member support is available to all current members of the MSA program who are in good standing and have sufficient incident credits available. Members can contact MSA via the web, telephone or e-mail when they wish to report a problem or incident.

## Email Support (preferred)

**Object**: To report a problem and supply full problem information to Product Support

**Email**: MSAsupport@mitel.com.

**Hours**: 8:30 A.M – 6:00 P.M. EST

**Response Time**: 3 business days

**Details**: Include the following details:

- Your TSID code in the subject line of your email

- A very detailed description of the problem/incident

- Attach any files/logs pertaining to the problem

## Other Support
General Support

Inquiries or other difficulties that are not considered to be defect-related can be described in an electronic mail message to MSAInfo@mitel.com.

Member Support

The Mitel MSA web site is designed for self-service. It provides all members with access to API documentation, SDK upgrades, troubleshooting tips, sample configuration, and sample code. The MiSN web site is located at http://www.mitel.com/msa. Click **Login** in the uppermost navigation bar.

Web Support

In the uppermost navigation bar of the MSA web pages, you have the option to click **CONTACT US**. Since all Internet users can use this contact mechanism, we expect that the range of questions will be quite broad. Questions may vary from general information about the MSA program to specific product inquiries that may or may not be aimed at MSA. In the case of registered members using the web CONTACT US mechanism, Web Support will follow the policies and guidelines specified under Email Support.

## Providing Feedback
Comments or suggestions relating to this document can be provided in an electronic mail message to MSAInfo@mitel.com.

# Data Interfaces Connectivity

## Accessing the Data Streams

The following section provides data interface connectivity information for both the 3300 ICP and the SX-2000 LIGHT.

📝 **Note:** Unless otherwise noted, all information in this document applies to both the 3300 ICP and the SX-2000 LIGHT.

Data interfaces on both platforms are all accessible over a network connection using TCP/IP Ethernet ports. Data streams are provided on specific ports, as detailed below.

For information about how to program your devices, data ports, and associated data interfaces, refer directly to the 3300 ICP or SX-2000 technical documentation.

📝 **Note:** If the TCP/IP connection drops, reconnect the client application to the ICP.

### Data Port Addresses for Data Output Streams

| Data Output Stream | Port Number |
|---|---|
| Software Logs | 1750 |
| Maintenance Logs | 1751 |
| SMDR | 1752 |
| Hotel/Motel Logs | 1753 (only one direction) |
| Property Management System | |
|     3300: direct IP connection | 15374 (Hotel/Motel management connection) |
| | 6830 (Voice Mail connection) |
|     3300: via 5500 IP console | RS232 (Hotel/Motel connection only) |
|     3300: via Serial Port Converter | 6830 (Voice Mail connection only) |
|     SX2000 | RS232 |
| ACD Real Time Event | 15373 |
| SNMP Trap | 162 |

📝 **Note:** Please see the Data Interface Specification Developer Guide for more detailed information about the non-SNMP interfaces.

## Resilient and Redundant Systems

The following data interface features are not specifically related to resiliency or a resilient or redundant device, but will work on a resilient or redundant system:

- ACD II (except for the ACD Make Busy feature on Resiliency)
- SMDR, including SMDR Extended Report Level 1, and Tag Call
- PMS and Hotel/Motel functionality, provided that the PMS to secondary setting is responsible for the wake-ups. (Note that Hotel/Motel Remote Wake-up Call feature is not supported in a Resilient environment.)
- SNMP

### 3300 ICP Resiliency

In the event that a 3300 ICP fails, all data interface record generation and ACD-related events cease, all calls queued to ACD paths clear, and the primary system's data interface

connections close.  In order for data interface features to resume regular record generation, the 3300 ICP system must be configured as resilient.

To operate on a resilient system, a program must connect to all data interface ports within the resilient network using the IP addresses for each controller.  If the primary 3300 ICP fails, output may stream from any of these data ports.  During this time, new calls to the ACD paths are supported, and SMDR report generation continues as usual.

When the primary system recovers, the program should attempt to reconnect to it after a minute of its rebooting.  Data interface functionality resumes, ACD agents register automatically with the recovered primary set as soon as their status becomes idle, and new ACD calls are queued to the primary set.

> **Note:** When a Resilient 3300 ICP fails, an application does not detect port closure on the primary system until after the primary system reboots.  Usually, the primary system resumes normal call-processing capability shortly after rebooting.

### SX-2000 LIGHT Main Controller Redundancy

When a Redundant SX-2000 switches controllers due to main controller failure, the impact on data interface functionality is similar to the impact described in a resilient environment (see 3300 ICP Resiliency above).  ACD calls connected at the outset of the activity switch are maintained; however, calls in the process of being established at the time of the activity switch occurs are lost.  Once the switch to the newly active controller is made, all data interface features function as they would on the main controller.

A customized application built on a main control redundant system will automatically remain operational if one of the main control complexes fails.  At all times during operation, the inactive main control plane of a main control redundant system receives information from the active main control plane.  This information enables the inactive plane to take over operation of the system if the active main control plane fails.  However, at any given time, data will appear from only one of the two controllers, and a switch in the data port from which that information comes indicates that the active main controller is no longer operational.  Usually, the newly inactive main controller will close the connection so that data is received from one source only.

When the newly inactive main controller system recovers, its connection will reopen and be available for the program to connect to it.

# SNMP Implementation and System Alarms

## SNMP Overview

The Simple Network Management Protocol (SNMP) is an application layer protocol that facilitates the exchange of management information between network devices, and governs the management and monitoring of network devices.  It is part of the Transmission Control Protocol/Internet Protocol (TCP/IP) protocol suite.

SNMP management is based on the agent/manager model described in the network management standards defined by the International Organization for Standardization (ISO).

Mitel has implemented SNMP as defined in the Module Compliant Section in the Management Information Base (MIB) definition files appropriate to each system.  This chapter refers to SNMP implementation as it pertains to both the Mitel 3300 ICP and SX-2000 LIGHT, unless otherwise noted.

An SNMP-managed network consists of three key components:

- managed devices

- agents

- network-management systems (NMS).

The following sections describe the Mitel-specific SNMP information needed to build an application for managing Mitel nodes or platforms.

## Managed Device

A managed device is a network node that

- contains an SNMP agent

- resides on a managed network

Managed devices collect and store management information and make this information available to the NMS using SNMP.  Managed devices can be either hardware (such as routers, bridges, and modems) or software (such as operating systems, network layers, and applications).

In the context of a Mitel system environment, a managed device refers to any application/product represented by a Mitel-specific SNMP agent, and not to the operating system on which that agent resides.

## SNMP Agent

An SNMP agent is a network-management software module that resides in a managed device.  An agent has local knowledge of management information and translates that information in order to communicate with SNMP-compatible Network Management Stations.

The SNMP agent provides the interface between the manager and the managed devices.  A manager provides the interface between the human network manager and the management system.

## Mitel *SNMP* Agent Functionality

Building an SNMP management application for Mitel nodes will need awareness of the following areas of SNMP agent functionality:

- The capabilities of the node's SNMP agent (i.e. What version and operations does the SNMP agent support?).

- The standard MIBs that the agent supports.

- The proprietary MIBs that the agent supports.

- The objects or classes that the agent supports (as defined in standard MIBs).

- Instances of deviant agent behaviour (i.e. Use of standard objects for purposes other than their intended use.).

- Any agent behaviour that is not captured in the MIB definitions.

## Network Management System

An NMS executes applications that monitor and control managed devices.  One or more NMS must exist on any managed network.  The following figure illustrates the standard network management system architecture.
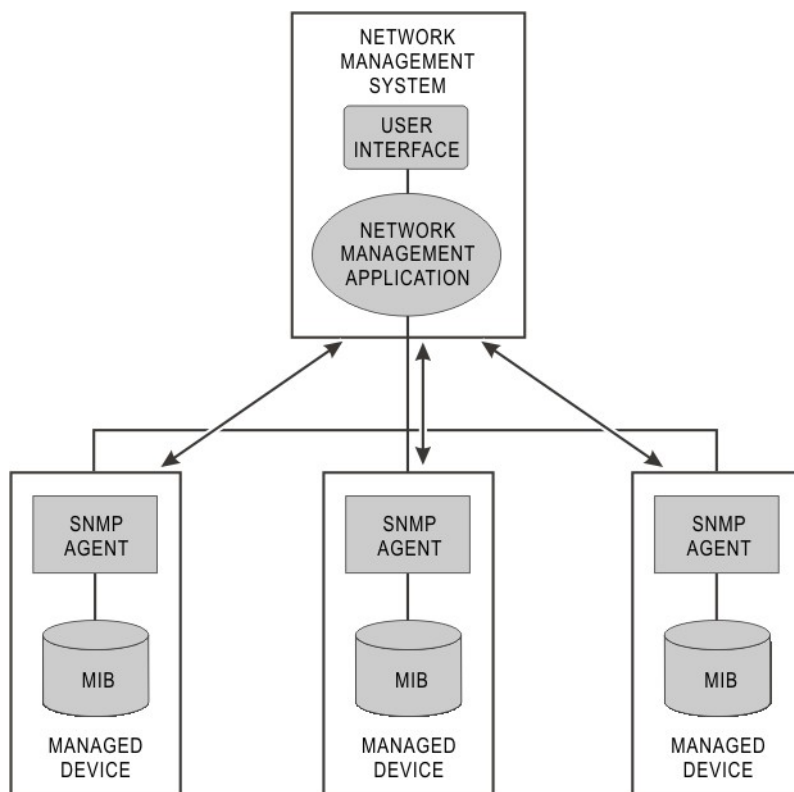
Network Management System Architecture

The NMS may refer to any 3<sup>rd</sup>-party Network Management System such as, but not limited to, HP OpenView®.

# Management Information Base

A Management Information Base (MIB) is a collection of definitions that describes the properties of each managed object within the device to be managed.  Managed objects, the manageable attributes of resources, are defined in an SNMP-compliant MIB and are identified by object identifiers.  An object identifier (Object ID or OID) uniquely identifies a managed object in the MIB hierarchy.  MIBs act as data dictionaries that are used to assemble and interpret SNMP messages.

## MIB Architecture

The MIB hierarchy can be depicted as a tree with a nameless root, the levels of which are assigned by different organizations.  The top-level OIDs belong to different standards organizations, while lower-level OIDs are allocated to associated organizations.  All objects of interest to SNMP are in the ISO (1) branch of the MIB tree under the Internet (1) node.  Refer to the illustration, "Mitel Location in Management Information Base Hierarchy", on page 12.

MIB II (RFC 1213) is a set of managed object definitions aimed at managing TCP/IP-based Internets that is essential for fault and configuration management.  MIB II is defined as 1.3.6.1.2.1, "iso.identified-organization.dod.internet.mgmt.mib-2".  Vendors can define private branches that include managed objects for their own products under 1.3.6.1.4.1, "iso.identified organization.dod.internet.private.enterprise".

## Mitel Location in MIB Hierarchy

The following figure depicts the MIB hierarchy and the relative location of the Mitel private branch.  The OID that Mitel has registered, as it pertains to SNMP, is 1.3.6.1.4.1.1027.  Note

that the Mitel name also appears as iso.org.mitel (1.3.78) in the MIB tree that was defined for uses other than SNMP management, such as HCI and ISDN supplementary services.

```
                          ┌──────────────┐
                          │     root     │
                          └──────────────┘
              ┌──────────────────┼──────────────────┐
        ┌───────────┐      ┌───────────┐      ┌───────────┐
        │  ccitt(0) │      │   iso(1)  │      │  joint(2) │
        └───────────┘      └───────────┘      └───────────┘
                                 │
                          ┌───────────┐
                          │   org(3)  │
                          └───────────┘
                      ┌──────────┴──────────┐
                ┌───────────┐        ┌───────────┐
                │   dod(6)  │        │ mitel(78) │
                └───────────┘        └───────────┘
                      │
                ┌───────────┐
                │ internet(1)│
                └───────────┘
          ┌───────────┬───────────────┬───────────┐
    ┌───────────┐ ┌────────────────┐ ┌───────────┐
    │  mgmt(2)  │ │ experimental(3)│ │ private(4)│
    └───────────┘ └────────────────┘ └───────────┘
          │                                │
    ┌───────────┐                   ┌───────────┐
    │  mib-2(1) │                   │enterprise(1)│
    └───────────┘                   └───────────┘
                                          │
                                   ┌───────────┐
                                   │mitel(1027)│
                                   └───────────┘
```
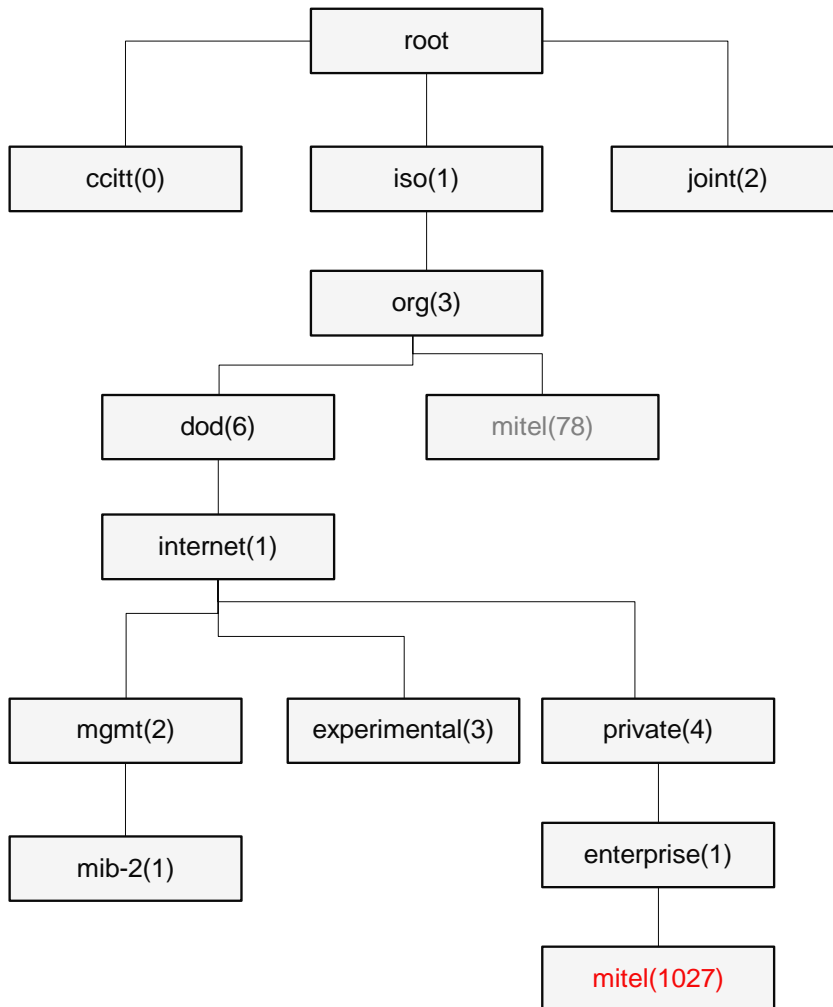
# SNMP Versions

## SNMPv1 and SNMPv2c

SNMPv1 provides basic access to managed objects and has community-based security.

SNMPv2c offers additional data types and uses the network more efficiently by providing various bulk transports.

By design, SNMPv1 and SNMPv2c offer minimal security features.  SNMPv1/v2c can neither authenticate the source of a management message nor provide encryption.  Without authentication, unauthorized users can exercise SNMP network management functions, and eavesdrop on management information as it passes from managed devices to the management system.  Because of these deficiencies, many SNMPv1/v2c implementations are limited to a read-only capability, reducing their utility to that of a network monitor; no network control applications can be supported.  Standard security practices recommend using SNMP only on trusted networks.

## SNMPv3

SNMPv3 extends the SNMP framework mainly to address security concerns.  The SNMPv3 framework supports a modular architecture into which other security protocols can fit.  As new security technology becomes available, the SNMPv3 framework allows for the definition of new security protocols without changing the protocol.  Currently, administration and security are defined using the User-based Security model and the View-based Access Control model.

## Mitel-Supported SNMP Versions

The Mitel 3300 ICP currently supports SNMPv1/v2c.

**Note:** Trap generation is based on SNMP v1, not SNMPv2c notifications.

# SNMP Transport

SNMP can be implemented over the following two transport layers:

- **UDP** – SNMP was originally designed for UDP transport only. UDP is a connectionless protocol that does not support the robust error-recovery services of TCP. Delivery is not guaranteed, and messages are not necessarily delivered in the sequence in which they were sent. Because UDP doesn't have the data recovery features of TCP, it consumes fewer network resources. UDP is well suited for repetitive, low-priority functions like alarm monitoring.

- **TCP** – SNMP can also be transported via TCP, which has become increasingly popular. TCP offers robust error-recovery, guaranteed delivery and sequential message delivery.

## Mitel-Supported SNMP Transport

The Mitel 3300 ICP and SX-2000 LIGHT SNMP agents use UDP to communicate with the NMS.

**Note**: Mitel does not support TCP SNMP transport.

# SNMP Notification

SNMP defines asynchronous notification messages (called "traps" in SNMPv1), which are generated by the SNMP agent to alert the administrator of significant network or server events. These notification messages can indicate that

- links have been activated or deactivated

- dependent thresholds have been exceeded

- general SNA protocol errors have occurred

- errors have occurred during session activation or deactivation.

**Note:** When a system is rebooted, the SNMP Agent sends a coldStart standard trap to the SNMP Managers when the system is ready.

# SNMP Communication

SNMP messages, whether originating from the manager or the agent, are sent in data packet sequences, or Protocol Data Units (PDUs). PDUs originate in the Application layer, where SNMP resides, and cross three layers before they are interfaced to a physical transport media and forwarded to the designated port. The following figure illustrates a typical instance of SNMP layered communication.
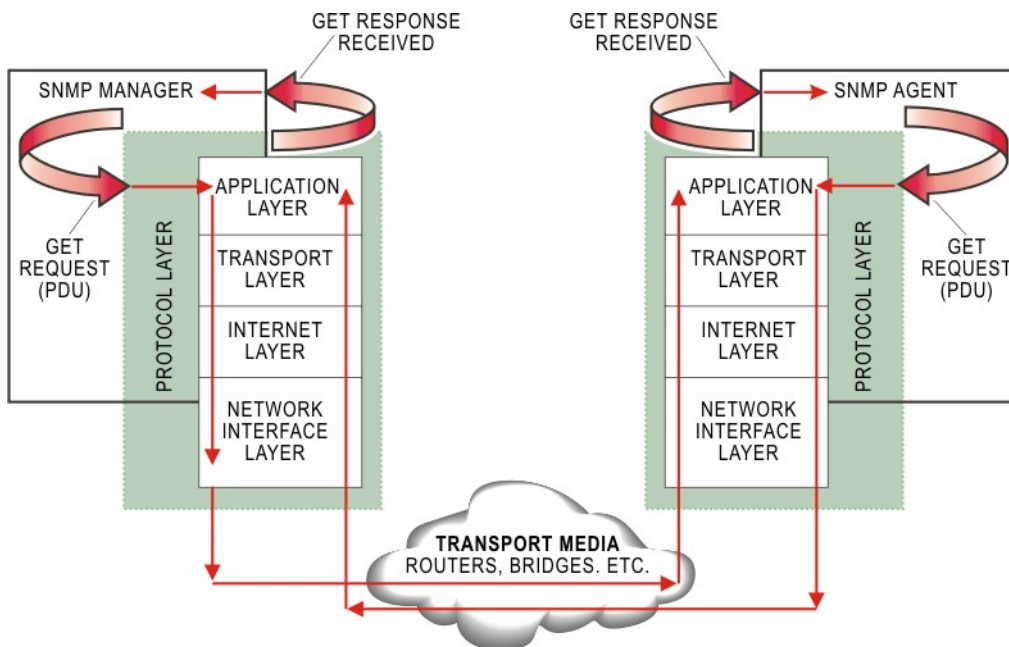


SNMP Layered Communication

# SNMP Connectivity

Through the use of SNMP requests, managed devices are monitored and controlled via the information described in MIBs. SNMP includes a limited (or "simple") set of management requests and responses, as presented in the following table.

| Message type | From/to | Description |
| --- | --- | --- |
| Get Request | Manager/agent | Accesses and retrieves the value of one or more instances of management information. |
| GetNext Request | Manager/agent | Accesses and retrieves the value of the next instance of management information in lexicographical order. |
| GetBulk Request | Manager/agent | Accesses multiple values at one time (SNMPv2C only). |
| Get Response | Agent/manager | Replies to a Get Request, GetNext Request, or SetRequest operation. |
| Set ReqSetRequest | Manager/agent | Stores and sets a value in a variable. |
| Notification (Trap) | Agent/manager | Indicates that a significant event has occurred. The NMS can initiate further interaction to determine the nature and extent of the event signaled by the notification. See "SNMP Notification" below. |

SNMP queries are obtained by a management application by sending SNMP "gets" to the target agent's UDP port 161. The management application listens for SNMP traps on UDP port 162.

# SNMP Node Management in the Mitel Environment

## Configuring an NMS

The NMS must be configured to know what can be managed by the agent on Mitel's managed devices. Any Mitel-specific MIB modules must be loaded (or compiled) into the NMS so that the device can be managed. Mitel supplies the definition of these MIB modules with the 3300 ICP software.

Though generic SNMP Managers are neither manufactured nor provided by Mitel, Mitel MIBs work with HP OpenView and several other generic SNMP Managers. Mitel provides the MIBs (standards-based code) as a "plug-in" for your use with your SNMP Manager.

## Mitel MIB Definitions

The Mitel 3300 ICP MIB definitions are located in the following files:

- mitelipera3000mib – MIB definition for 3300 ICP

- mtlmib – references the OIDs used in above file

Copies of both of these files are located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor. These files are compiled into the relevant NMS managing the 3300 ICP managed devices.

The Mitel SX-2000 LIGHT MIB definition files can be downloaded from:

- Mitel Online/Technical Support/Software Download/SX2000.

# SNMP Configuration Assignment

The SNMP Configuration form is used to provide configuration settings for the SNMP agent to control its functional behavior. The following screen shot shows where in the 3300 ICP

and SX-2000 System Administration Tool you must enable the SNMP Agent and configure the NMSs with which the Agent will be communicating.
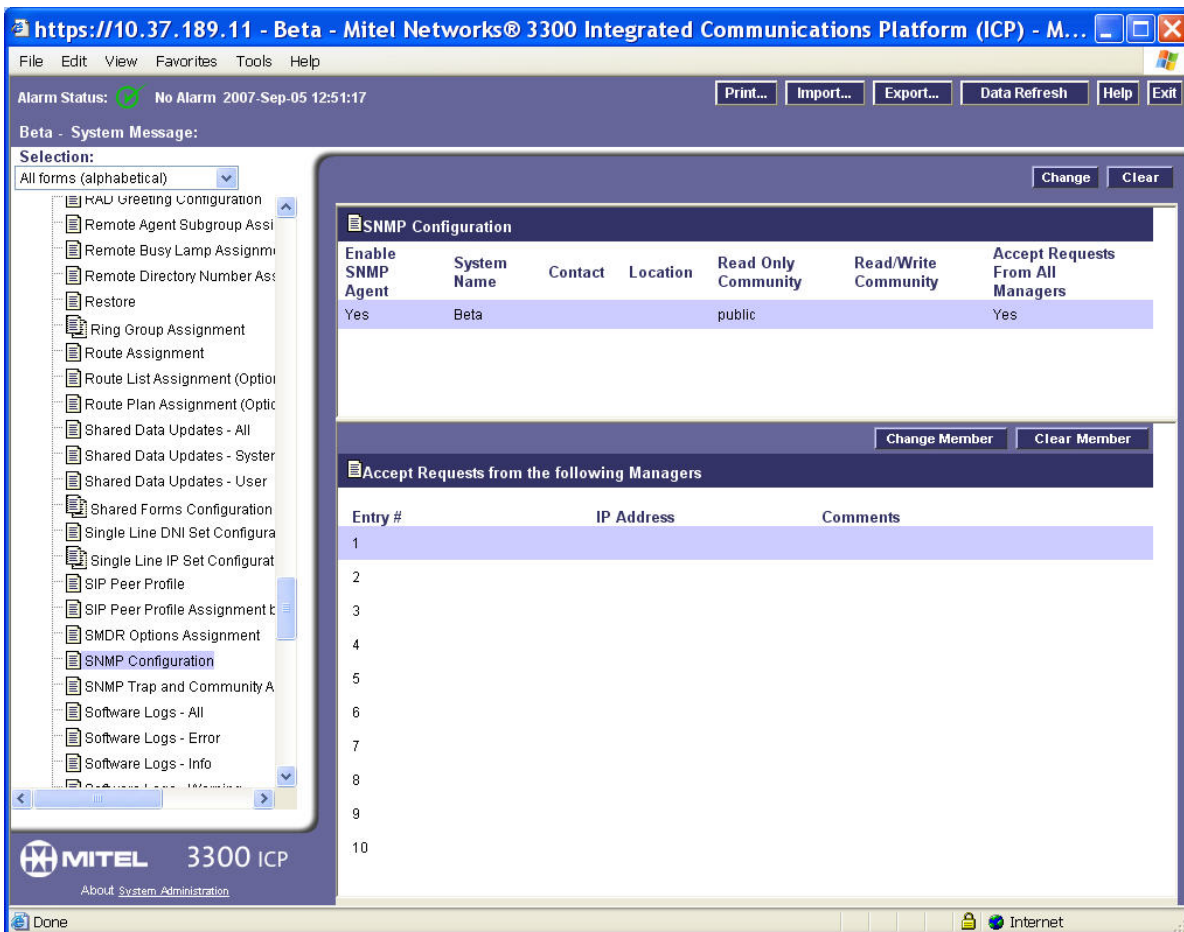


**3300 ICP SNMP Configuration Assignment Form**
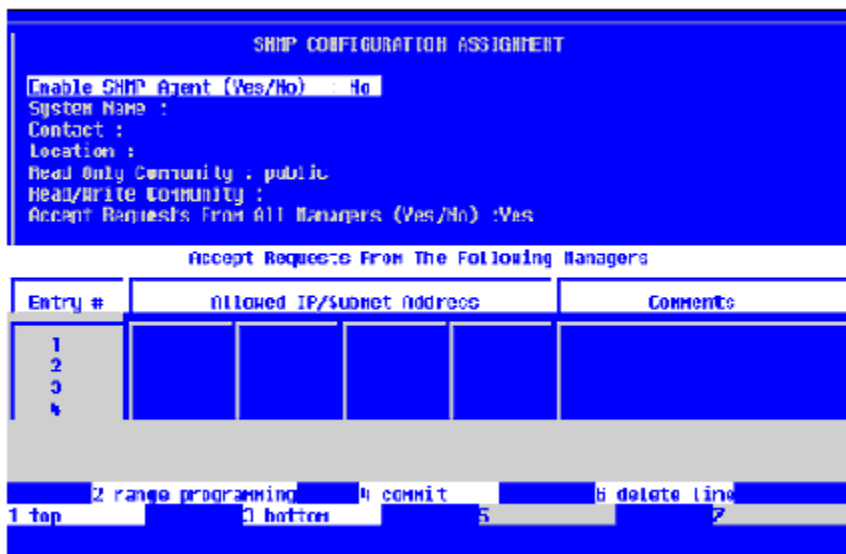


**SX-2000 SNMP Configuration Assignment Form**

The 3300 ICP online help covers the steps necessary to configure the switch to send SNMP traps to the NMS.

📝   **Note:** Program this form before the SNMP Trap Community Assignment form.

The table below provides descriptions of each setting.

| Field | Description |
|---|---|
| Enable SNMP Agent | Select "No" to disable the SNMP agent.  You do not need to reboot the system when changing this option.<br><br>The default value is "Yes". |
| System Name | Enter the name of the SNMP agent.  This field accepts up to 55 characters.<br><br>**Note:** This field must match the System Name field in the System Options Assignment form. |
| Contact | Enter the name of a contact person for the managed node.  This field accepts up to 55 characters. |
| Location | Enter the location of the SNMP agent.  This field accepts up to 55 characters. |
| Read Only Community | Enter a community name for the valid read privilege of the SNMP agent.  This field accepts up to 20 characters.<br><br>The default value is "Public". |
| Read/Write Community | Enter a community name for the valid write privilege (and any associated read privilege) of the SNMP agent. |
| Accept Requests from All Managers | Select "Yes" to indicate the SNMP agent will respond to any SNMP Manager requests.  The default value is "Yes".<br><br>Select "No" to indicate only SNMP Managers with IP addresses programmed in the Allowed IP/Subnet Address field can access this agent. |
| Accept Requests from the Following Managers | Complete if Accept Request from All Managers is set to "No". |
| Entry # | System-generated, protected field.  Uniquely identifies the entry. |
| IP Address | Enter the IP address of each specific SNMP Manager who may access the SNMP agent.  Up to 10 entries may be made.  IP addresses must be entered in dot format.<br><br>When a user attempts to program an invalid IP address, the system returns an error message.  Invalid IP addresses include the following: 127.000.000.001 (used for loopback), 255.255.255.255 (used for subnet mask), and 000.000.000.000 (used for subnet mask). |
| Comments | Enter information to identify the corresponding IP address.  This field accepts up to 20 characters. |

# SNMP Trap and Community Assignment

The SNMP Trap and Community Assignment form is used to program trap configuration settings to enable easy identification of trap message destinations. The following screen shots show where in the 3300 and SX-2000 System Administration Tool you can program the trap configuration settings.
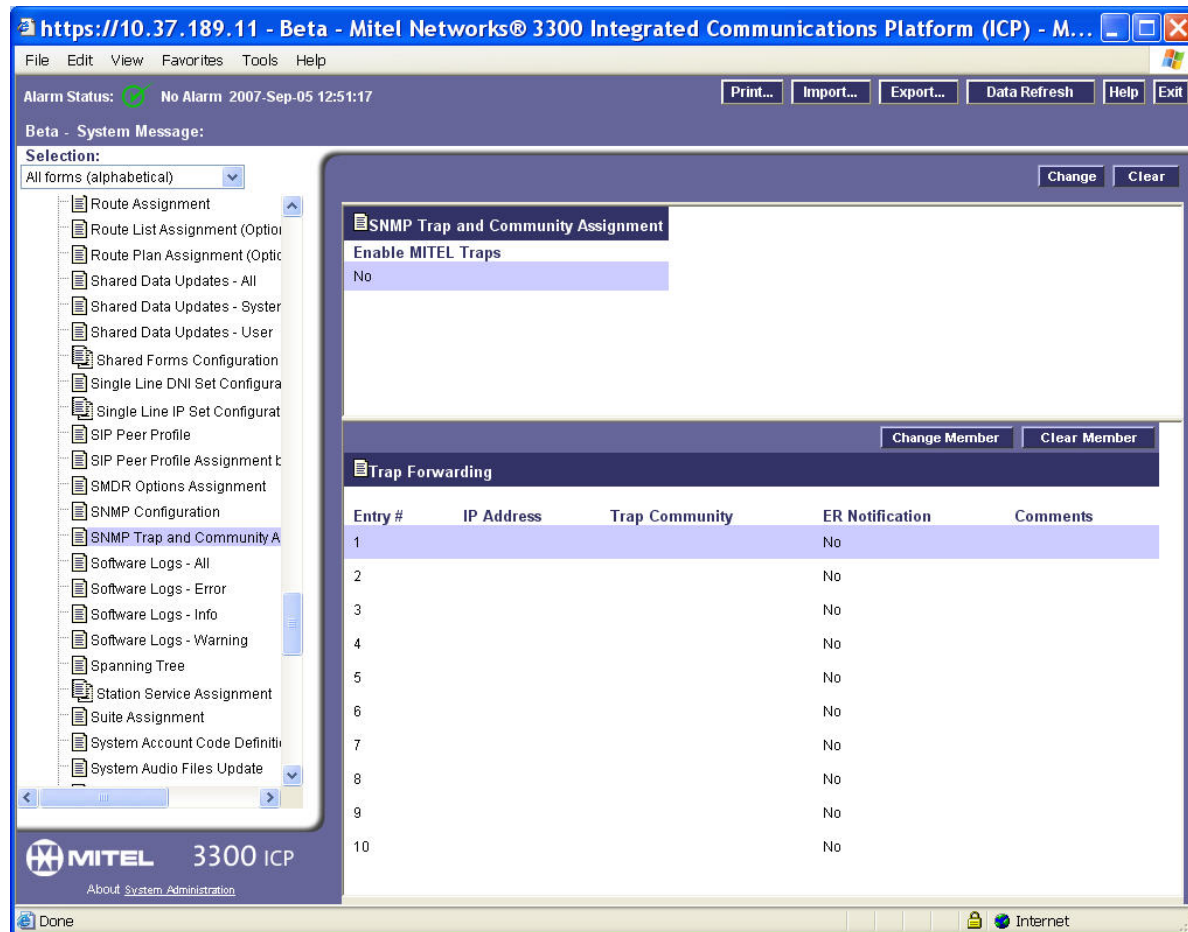


**3300ICP SNMP Trap and Community Assignment Form**

SX2000 SNMP Trap and Community Assignment Form

The following table provides descriptions of each setting.

📝 **Note**: Program this form after programming the SNMP Configuration form.

If the SNMP agent is turned off, the assignment of the SNMP Trap and Community Assignment form remains established. If the SNMP agent is turned on at a later time, check this form to ensure it is correct for your purposes.

| Field | Description |
|---|---|
| Enable MITEL Traps | Select "Yes" to send MITEL traps to specific managers. "No" (default) indicates that no trap messages will be dispatched. |
| **Trap Forwarding:** | |
| Entry # | System-generated, protected field. Uniquely identifies each entry. |
| IP Address | Enter the IP address of each SNMP Manager who may receive trap messages. Up to 10 entries may be made. IP addresses must be entered in dot format.<br><br>When a user attempts to program an invalid IP address, the system returns an error message. Invalid IP addresses include the following: 127.000.000.001 (used for loopback), 255.255.255.255 (used for subnet mask), and 000.000.000.000 (used for subnet mask). |
| Trap Community | Enter the trap community name of the corresponding SNMP Manager. This field accepts up to 20 characters. |
| Comments | Enter information to identify the corresponding IP address. This field accepts up to 20 characters. |

# Mitel MIB Description and SNMP Agent Behavior

The MIB walkthrough excerpts in this section provide developers with references for interpreting queries performed on customized applications. The following examples illustrate typical agent responses to queries performed on Mitel nodes.

📝 **Notes**: For complete MIB walkthroughs for the 3300 ICP and SX-2000 LIGHT platforms, see Appendix D: Mitel MIB References of this guide.

For all references made to Mitel's proprietary-MIB definitions, see Appendix D: Mitel MIB References of this guide for the appropriate Mitel-MIB module definition.

For all references made in this section to Request for Comments (RFC) paper number 1213, refer to the Internet Engineering Task Force (IETF) community web site at http://www.ietf.org. Follow the RFC Pages link to access RFC 1213.

The SNMP commands for all examples in this section use a toolset available from the NET-SNMP project. NET-SNMP provides tools and libraries relating to the Simple Network Management Protocol including: An extensible agent, An SNMP library, tools to request or set information from SNMP agents, tools to generate and handle SNMP traps, etc. http://www.netsnmp.org/.

## 3300 ICP SNMP Agent Auto-discovery

The 3300 ICP SNMP agent supports the System Group from RFC 1213 to aid management applications in the autodetection of the 3300 ICP devices in its network. A management application autodetects 3300 ICP devices by performing a "get" of the "sysObjectID" in order to query "potential candidates" on the network. Such potential candidates may be identified either by collecting IP addresses of devices that respond to a broadcast SNMP get request, or by querying an entire range of IP addresses sequentially.

### Example: Management station queries potential 3300 ICP "sysObjectID" object

NET-SNMP Command

```
snmpget -v 1 -c public <potential 3300 target agent IP>
sysObjectID.0
```

Results

    SNMPv2-MIB::sysObjectID.0 = OID: MITEL-MIB::mitelIdCsIpera3000

If the device queried responds to the above command and returns an SNMP response like the above example, the management application can deduce that this potential candidate is a 3300ICP.

## SX-2000 SNMP Agent Auto-discovery

The SX-2000 LIGHT SNMP agent supports the System Group from RFC 1213 to aid management applications in the autodetection of the SX-2000 devices in its network. A management application autodetects SX-2000 devices by performing a "get" of the "sysObjectID" to query "potential canididates" on the network.

### Example: Management Station Queries potential SX-2000 "sysObjectID" object.

NET-SNMP Command

```
snmpget -v 1 -c public <potential SX-2000 target agent IP>
sysObjectID.0
```

Results

    SNMPv2-MIB::sysObjectID.0 = OID: MITEL-MIB::mitelIdCs2000Light

If the device queried returns a SNMP response like the results above, the management application can deduce that this potential candidate is in fact a SX-2000 device.

## 3300 ICP System Group Query

The 3300 SNMP agent supports the "system group" entirely. A query of a typical 3300 (Release 8 and up) SNMP agent by a SNMP manager would yield the information provided in the following example.

### Example: Management station queries "System" group

NET-SNMP Command

```
snmpwalk -v 1 -c public <3300 target agent IP> system
```

Results

SNMPv2-MIB::sysDescr.0 = STRING: VerAg:07.00.00.01.00; VerSw:8.0.7.5; VerHw:MXe; VerPl:3300 ICP;

SNMPv2-MIB::sysObjectID.0 = OID: MITEL-MIB::mitelIdCsIpera3000

SNMPv2-MIB::sysUpTime.0 = Timeticks: (34587219) 4 days, 0:04:32.19

SNMPv2-MIB::sysContact.0 = STRING: sherry

SNMPv2-MIB::sysName.0 = STRING: Ipbx189

SNMPv2-MIB::sysLocation.0 = STRING:

SNMPv2-MIB::sysServices.0 = INTEGER: 79

Description

**"sysDescr"** reflects the information described for the "System Group" in RFC1213 MIB on page 50.

**"sysObjectID"** indicates that the node or platform queried by the management station is a 3300 ICP by returning the OID defined in the MITEL-MIB module (see Appendix D: Mitel MIB References).

**"sysUpTime"** is implemented as defined in RFC1213.

**"sysContact"** is implemented as defined in RFC1213.

**"sysName" is** implemented as defined in RFC1213.

**"sysLocation"** is implemented as defined in RFC1213.

**"sysServices" is** implemented as defined in RFC1213.

## SX-2000 System Group Query

The SX-2000 LIGHT SNMP agent supports the "system group" entirely. A query of a typical SX-2000 SNMP agent by a SNMP manager would yield the following information:

### Example: Management Station Queries "System" Group

NET-SNMP Command

```
snmpwalk -v 1 -c public <SX-2000 target agent IP> system
```

Results

SNMPv2-MIB::sysDescr.0 = STRING: SX2000 Light, SX-2000 Call Control 33.1.0.16

SNMPv2-MIB::sysObjectID.0 = OID: MITEL-MIB:: miteIIdCs2000Light

SNMPv2-MIB::sysUpTime.0 = Timeticks: (52433967) 6 days, 1:38:59.67

SNMPv2-MIB::sysContact.0 = STRING:

SNMPv2-MIB::sysName.0 = STRING: ops55_mcle

SNMPv2-MIB::sysLocation.0 = STRING:

SNMPv2-MIB::sysServices.0 = INTEGER: 79

Description

**"sysDescr"** contains a brief description of the SX-2000 and the version of the Call Control on the system.

**"sysObjectID"** indicates that the node or platform queried by the management station is an SX-2000 by returning the defined OID in the MITEL-MIB module.

**"sysUpTime" is i**implemented as defined in RFC1213.

**"sysContact"** is implemented as defined in RFC1213.

**"sysName"** is implemented as defined in RFC1213.

**"sysLocation"** is implemented as defined in RFC1213.

**"sysServices"** is implemented as defined in RFC1213.

## 3300 ICP and SX-2000 LIGHT IP Group Network Discovery

The 3300 ICP and SX-2000 LIGHT SNMP agents support the "IP group" entirely.  A management application can query the agents for "ipAddrTable" information to deduce which network the devices are a members of.

For this example, assume that the 3300 or SX-2000 device of interest has an IP address of 10.10.10.1.

### Example: Management Station Queries "ipAddrTable"

NET-SNMP Command

```
snmpget -v 1 -c public 10.10.10.1 ipAdEntNetMask.10.10.10.1
```
Results

SNMPv2-MIB::ipAdEntNetMask.10.10.10.1 = IpAddress: 255.255.255.0

From this response we can deduce that the network that this device is a member of is the 10.10.10.0.

# SNMP and System Alarms

The 3300ICP, SX2000, or PBX has fault detection software that monitors most hardware and software functions in the system, and will generate Maintenance Logs and raise faults on specific system events, or through some other failure criteria.  It is these events or the applied failure criteria that determine the alarm or alarm status level.

The alarms information in this section applies to both the 3300 ICP and the SX-2000 LIGHT, unless otherwise indicated.  For platform-specific alarms details, refer either to subsection "3300 ICP System Alarms" or "SX-2000 System Alarms".

## Alarm Status Levels

Alarms status levels queried by SNMP agents correlate directly to the alarms that can be viewed through the System Administration Tool.  An SNMP agent can be queried for overall system alarms as well as alarm status levels.

Alarms are classified as follows:

- **NO ALARM:** The system is functioning properly.

- **CRITICAL:** Indicates a loss of call-processing capability that demands immediate attention, and activates system fail transfer.

- **MAJOR:** Indicates a major degradation in service and requires attention to minimize user impact.

- **MINOR:** Indicates a fault that falls into neither of the above classes, but may affect service.

**Note**: Troubleshooting documentation contains more information on alarms.

## Alarm Thresholds

Alarm thresholds set the lower limits of an alarm level.  When the severity of an alarm (measured by the percentage of a device type that is faulted or unavailable) exceeds an alarm threshold, a new alarm level is reached.  Use the Show Faults command to view current alarm thresholds.  Use the Set Threshold command to change alarm thresholds.  For platform-specific alarm threshold details, please refer to "Default Alarm Threshold" tables provided for each platform in the platform-specific sections below.

# 3300 ICP System Alarms

## Alarm Categories

The table below lists the 3300 ICP alarm categories found in the Alarm Details form and/or when using the Show Faults and Show Status maintenance commands.

📝 **Note:** Refer to your Online Help for current information on the 3300ICP alarm categories.

| 3300 ICP Alarm Categories | |
|---|---|
| **Alarm Category** | **Indicates that** |
| CESID | The physical location of the IP device is unknown or moved. |
| CP Applications | The device is unavailable. |
| CP Channels | The device is unavailable. |
| CP Devices | The device is unavailable. |
| Database Status | There is a problem with the database file. |
| Digital Links | A persistent fault in the signal processing of a DS1 or CEPT link. |
| DSP Card Status | The DSP card has not come out of reset. |
| DSP Status | A % of DSP resources are unavailable. |
| DSU MSG Link | The device is unavailable or there is a fiber link problem. |
| E2T | The E2T card is unavailable (LX, MXe controllers and MXe Server only). The alarm is raised if the hardware is detected and the E2T card does not respond. No alarm is raised if the E2T card is not detected. (MXe controller and MXe Server only.) |
| FAN | A fan is unavailable (MXe, MXe Server and AX controller only). |
| FSK | There is a problem with the Frequency-shift Keying (FSK) generator. |
| I2C Failure | An I2C bus failure between the MSP430 and the Alarm Card. This alarm category only applies to the AX controller. |
| ICP Comms | IP trunking has failed or that the E2T card is not functioning.<br><br>• Ensure that the DHCP options for the E2T card are programmed correctly.<br>• Ensure that the router is in service and configured correctly<br><br>The system clears the alarm after the error condition is resolved and communication is re-established. |
| Lines | % of stations are unavailable. |
| Media Gateway | MXe Server only: The APC-MXe has lost communications with the Media Gateway (RTC).<br><br>• Ensure that all internal IP addresses are programmed correctly.<br>• Ensure that the internal L2 Switch is operating properly.<br><br>The system clears the alarm after the error condition is resolved and communication is re-established. |

| 3300 ICP Alarm Categories | |
|---|---|
| **Alarm Category** | **Indicates that** |
| **Memory** | |
| Memory Available | The memory has fragmented or there is no memory available. |
| Mem. Used (Megabits)<br><br>(Memory Consumption) | If the amount of free memory becomes less than:<br><br>• 20 MB, a log is generated<br><br>• 10 MB, a log is generated and a major alarm is raised.  The system should be rebooted.  Under normal circumstances, the system should remain up for 2 to 4 days after the alarm is generated.  If configured, the system will be reset at the next programmed resource recovery reboot time.<br><br>• 2 MB, a log is generated and a critical alarm is raised on the system.  The system resets immediately. |
| Mem. Frag. (Kb)<br><br>(System Memory Fragmentation) | If the largest memory fragment becomes less than:<br><br>• 1 MB, a major log is generated and a major alarm is raised on the system.  The alarm is generated to notify the system maintainer that the system should be rebooted.  Under normal circumstances, the system should remain up for 2 to 4 days after the alarm is generated.  If configured, the system will be reset at the next resource monitoring reboot time.<br><br>• 500 KB, a critical log is generated and a critical alarm is raised on the system.  The system will reset immediately. |
| MNMS Indication | There are alarms on the network or the MNMS station application. |
| NETSYNC Source | One or more network synchronization sources has lost synchronization with the master node of the network. |
| Network Gateway | The Network Gateway Security Access Module has been tampered with or has failed. |
| PER MSG Link | The device is unavailable or the device is loading. |
| PER Channels | A voice channel problem has been identified from the controller to the Peripheral cabinet or ASU. |
| One PSU | A Power Supply Unit has a fault (MXe, MXe Server and AX controller only). Replace unit to clear alarm. |
| Two PSU | A Power Supply Unit has a fault (MXe, MXe Server and AX controller only). Replace unit to clear alarm. |
| Receivers | A fault in active DTMF receiver circuits on the active Peripheral Switch Matrix card. |
| RAID Hard Disk | A hard disk drive has a fault (MXe controller and MXe Server only). |
| SDS Sys Data Alarm | A System Data Synchronization (SDS) data sharing error has occurred. |
| SDS Usage Alarm | A MINOR alarm generated when the number of updates in the Shared Data Updates form exceeded 100, and a MAJOR alarm after the number of updates exceeds 5000. |
| Security | An unauthorized attempt to access the system through port 23 or a DISA trunk has been made. Port 23 is reserved for OPS Manager access. An alarm results when a user tries to login through OPS Manager using the wrong username and/or password. |
| SFT Zones | System Fail Transfer zones have switched into SFT mode. |

| 3300 ICP Alarm Categories | |
|---|---|
| **Alarm Category** | **Indicates that** |
| **Memory (cont'd)** | |
| SIP Link | The link is not available due to a communications failure, failure to register, or a busy out or return to service maintenance command being launched. |
| SYSID Mismatch | The System Identification module or i-button (CX platforms) is not installed or is incorrect. |
| Temperature | The system has overheated. This alarm applies to the MXe/MXe Server and AX controller only. |
| Trunks | The device is unavailable. |
| VM Port Status | A percentage of voice mail ports are unavailable. |
| VTG_VMDISK_FULL | A MINOR alarm is generated when voice mail is at least 90% full. A MAJOR alarm is generated when voice mail is at least 98% full. Also a MAJOR alarm is generated when voice mail is not functioning. For embedded voice mail only. |

## Default Alarm Thresholds

The following table shows the default alarm thresholds for the 3300 ICP.  Note that the dashes in this table indicate categories for which an alarm threshold may register as more than 100% faulted or unavailable.

📝 **Note:** Refer to your Online Help for current information on the 3300ICP alarm thresholds.

📝 **Note:** In the table below, the value ">0" indicates "greater than 0%".

| 3300 ICP Default Alarm Thresholds (% faulted or unavailable) | | | |
|---|---|---|---|
| **Alarm Category** | **Minor Alarm** | **Major Alarm** | **Critical Alarm** |
| CESID | >0 | -- | -- |
| CP Applications | >0 | -- | -- |
| CP Channels | 10 | 25 | -- |
| CP Devices | >0 | 100 | -- |
| Database Status | -- | >0 | -- |
| Digital Links | -- | >0 | -- |
| DSP Card Status | 1 | -- | 100 |
| DSP Status | 1 | -- | 100 |
| DSU MSG Link | -- | >0 | -- |
| E2T | -- | >0 | -- |
| FAN | 50 | 100 | -- |
| FSK Generator | >0 | 25 | 100 |
| I2C Failure | 100 | 100 | -- |
| ICP Comms Card | >0 | 25 | 100 |

| 3300 ICP Default Alarm Thresholds (% faulted or unavailable) | | | |
|---|---|---|---|
| Alarm Category | Minor Alarm | Major Alarm | Critical Alarm |
| Lines | >0 | 20 | 100 |
| Memory Available | -- | >0 | -- |
| Memory Consumption | See Note below | | |
| Memory Fragmentation | See Note below | | |
| MG Comms | -- | 100 | -- |
| MNMS Indication | -- | >0 | -- |
| NETSYNC Source | >0 | -- | -- |
| Network Gateway | -- | >0 | -- |
| PER MSG Link | -- | >0 | 100 |
| PER Channels | 10 | 25 | 100 |
| Plane A Winch | -- | >0 | -- |
| One PSU | -- | 100 | -- |
| Two PSU (see note) | 50 | 100 | -- |
| Receivers | >0 | 25 | 100 |
| RAID Hard Drive | -- | 50 | 100 |
| SDS Sys Data Alarm | >0 | -- | -- |
| SDS Usage Alarm | > 1 % (100 to 4999 updates) | > 50 % (5000 to 10000 updates) | -- |
| Security | -- | >0 | -- |
| SFT Zones | -- | >0 | 100 |
| SIP Link | 10 | 50 | 100 |
| SYSID Mismatch | -- | >0 | -- |
| Temperature (see note) | -- | -- | 100 |
| Trunks | >0 | 10 | 100 |
| VM Port Status | 1 | -- | -- |

> 📝 **Note:** Memory Consumption andMemory Fragmentation thresholds are set by Mitel and cannot be altered by a System Administrator.

> 📝 **Note:** The Two PSU alarm may be cleared on a reboot.  After the reboot, you must check the logs or the PSU LEDs to identify which PSU failed.

> 📝 **Note:** The Temperature alarm is cleared after the temperature in the controller drops below the threshold.  The Temperature alarm only applies to the MXe, MXe Server and AX Controllers.

# SX-2000 LIGHT System Alarms

## Alarm Categories

The table below lists SX-2000 LIGHT alarm categories.  For more information about an alarm, enter SHOW FAULT <alarm category> from the Maintenance Terminal.

| SX-2000 LIGHT Alarm Categories | |
|---|---|
| **Alarm Category** | **Indicates that** |
| Ancillary Minor | There is a fault in an ancillary subsystem device(s), causing a MINOR alarm, for example, that system temperatures are out of tolerance. |
| Ancillary Major | There is a fault in an ancillary subsystem device(s), causing a MAJOR alarm. |
| BDI Channels | The device is unavailable. |
| CEPT Channels | The device is unavailable. |
| CONF Channels | There is a fault in either the Main Controller conference channel or Conference Card, depending on system configuration. |
| Conferencing | The device is unavailable. |
| CP Applications | The device is unavailable. |
| CP Channels | The device is unavailable. |
| CP Devices | The device is unavailable. |
| Critical Cases | A part of the active main control has failed. |
| Database Status | There is a problem with database file(s). |
| Data Transceiver (DTRX) Channels | The device is unavailable. |
| Digital Links | There is a persistent fault in the signal processing of a DS1 or CEPT link. |
| DS1 Channels | The device is unavailable. |
| DSU Message Link | The device is unavailable. |
| Hard Disk (Winch) Capacity | One or both of the hard disk drives has reached reach 95% capacity. |
| Inactive Receivers | There is a fault in the inactive DTMF receiver circuits on the inactive Peripheral Switch Matrix card. |
| Inactive Trunks | There is a fault in the inactive redundant CEPT or DS1 circuits. |

| SX-2000 LIGHT Alarm Categories | |
|---|---|
| **Alarm Category** | **Indicates that** |
| Lines | The device is unavailable. |
| Main Message Link | The device is unavailable. |
| Mate Message Link | This alarm does applies only to redundant systems. |
| Memory Available | The device is unavailable. |
| MNMS Indication | There are alarms on the network or the MNMS station application.  See MITEL Network Management System. |
| Netsync Source | One or more network synchronization sources has lost synchronization with the master node of the network. |
| Network Gateway | The Network Gateway's Security Access Module has been tampered with or failed (see Network Gateway Reports).  Call MITEL Product Support immediately. |
| Optical Link | There is a fault in the fiber connection between the Main Control node and the Peripheral/DSU/NSU. |
| Peripheral Message (PER) Links | The device is unavailable. |
| Peripheral PCM (PER) Channels | The device is unavailable. |
| Plane A/B Hard Disk Drives | One of the hard disk drives is disconnected or faulted. |
| Plane A/B RAM | The device is unavailable. |
| Power Converters | The device is unavailable. |
| Receivers | There is a fault in active DTMF receiver circuits on the active Peripheral Switch Matrix card. |
| Security | There has been an unauthorized attempt to access the system or a DISA trunk (see Maintenance Terminal Lock-Out Reports and DISA Call - Repetitive Failures Reports) or a user has logged in by using a default user name and password (see Maintenance Terminal Login). |
| SFT Zones | System Fail Transfer zones have switched into SFT mode. |
| SYSID Mismatch | The System Identification module is not installed or is incorrect. |
| Trunks | The device is unavailable. |
| Tone (ATD) Detectors | There is a fault in either the Main Controller tone detector or the Tone Detector card, depending on system configuration. |
| Tone Detectors/Generators (ATD/CTG) | The device is unavailable. |

## Default Alarm Thresholds

The following table shows the default alarm thresholds for the SX-2000 LIGHT.  Note that the dashes in this table indicate categories for which an alarm threshold may register as more than 100% faulted or unavailable.

| SX-2000 LIGHT Default Alarm Thresholds (% Faulted or Unavailable) | | | |
|---|---|---|---|
| Alarm Category | Minor Alarm | Major Alarm | Critical Alarm |
| Lines | >0 | 20 | 100 |
| Trunks | >0 | 10 | 100 |
| Inact.  trunks | >0 | -- | -- |
| Receivers | >0 | 25 | 100 |
| Anc minor | >0 | -- | -- |
| Anc major | -- | >0 | -- |
| Digital link | >0 | -- | -- |
| BDI channels | 10 | 25 | -- |
| PER channels | 10 | 25 | 100 |
| CONF channels | 10 | 25 | -- |
| ATD channels | 10 | 25 | -- |
| DTRX channels | 10 | 25 | -- |
| CEPT channels | 10 | 25 | -- |
| DS1 channels | 10 | 25 | -- |
| Pwr converters | -- | >0 | 100 |
| SFT Zones | -- | >0 | 100 |
| Main msg link | -- | >0 | 100 |
| Per msg link | -- | >0 | 100 |
| DSU msg link | -- | >0 | -- |
| Mate msg link | -- | >0 | -- |
| Critical cases | -- | -- | >0 |
| CTG/ATD | -- | >0 | -- |
| Winch.  Capacity | >0 | -- | -- |
| Plane A winch. | -- | >0 | -- |
| Plane B winch. | -- | >0 | -- |
| NETSYNC source | >0 | -- | -- |
| Optical Links | -- | >0 | -- |
| MNMS Indication | -- | >0 | -- |
| SYSID mismatch | -- | >0 | -- |
| Database Status | -- | -- | >0 |
| Memory Available | -- | >0 | -- |
| Security | -- | >0 | -- |

| SX-2000 LIGHT Default Alarm Thresholds (% Faulted or Unavailable) | | | |
|---|---|---|---|
| **Alarm Category** | **Minor Alarm** | **Major Alarm** | **Critical Alarm** |
| Network Gateway | -- | >0 | -- |

📝 **Note:** ">0" indicates "greater than 0%"

## 3300 ICP and SX-2000 LIGHT Example Alarms Entries

### Example 1: Typical Alarms Entry

This example illustrates a typical SNMP agent response to exceeded alarm thresholds for both the 3300ICP and SX-2000 LIGHT. However, note that alarms categories and default thresholds are distinct for each platform. Complete lists are provided in the platform-specific tables above.

📝 **Note:** The complete system response is not shown in the following example.

In the following example, an SNMP agent issues a Minor and Major alarm. The agent detects that 16 system lines or ten percent of the total (160) lines are faulted or unavailable. The agent issues a minor alarm because the Alarm Threshold Percentage is set to respond if more than zero but less than twenty percent of the lines become unavailable.

The agent detects that 79 trunks or 56 percent of the total 140 trunks in the system have become faulted or unavailable. The agent issues a major alarm because the Alarm Threshold Percentage is set to respond if more than ten but less than 100 percent of the trunks become unavailable.

Current System Alarm: MAJOR viewed from Active

| Category | Total in System | Unavailable | | Alarm Threshold Percentage | | | |
|---|---|---|---|---|---|---|---|
| | | **Number** | **Percentage** | **Alarm** | **MINOR** | **MAJOR** | **CRITICAL** |
| Lines | 160 | 16 | 10% | Minor | >0% | 20% | 100% |
| Trunks | 140 | 79 | 56% | Major | >0% | 10% | 100% |
| Receivers | 16 | 0 | 0% | | >0% | 25% | 100% |
| Inact. Receivers | 12 | 0 | 0% | | >0% | | |

📝 **Note:** The "Unavailable Number" column is included in the above table for the clarity of this example; however, in a complete system response, only the "Unavailable Percentage" will be provided.

### Example 2: 3300ICP Alarm Notification

Using the typical alarms event decribed above, this example illustrates the typical response of a 3300ICP SNMP agent in the event of a system alarm.

The 3300 SNMP agent generates the following SNMP trap for the management application:

```
mitelIpera3000NotifAlarm
```
The information received by the management application as a result of this SNMP trap appears in the following format:

```
TRAP-V1:
Enterprise = MITEL-IperaVoiceLAN-MIB::mitelIdCsIpera3000
Agent Address = <IP address of the 3300 SNMP agent>
```

```
Trap Type = 6 (enterprise specific trap)
Specific Trap Type = 301 (value to uniquely identify the trap)
Timestamp = 31047694 (The value of sysUpTime at the point of
occurance)
Object Identifier = MITEL-IperaVoiceLAN-MIB::mitelIperaAlmLevel.0
Value = INTEGER: almMajor(3)
Object Identifier = MITEL-IperaVoiceLAN-
MIB::mitelIperaAlmDetectDate.0
Value = OCTECT STRING: 07 D4 09 02 11 17 30 00 00 00 00
Object Identifier = MITEL-IperaVoiceLAN-
MIB::mitelIperaAlmNbrCatagories.0
Value = INTEGER: 2
```

## Example 3: 3300ICP Alarm Details Query

After the management application receives the trap information described in Example 2, above, the management application can perform the following query for information about the nature of the errors:

```
mitelIpera3000CatagoryTable
```
NET-SNMP Command

```
snmpwalk -v 1 -c public <3300 SNMP agent IP>
mitelIpera3000CatagoryTable
```
Results

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblIndex.1 = INTEGER: 1

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblIndex.2 = INTEGER: 2

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblAvailable.1 = INTEGER: 160

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblAvailable.2 = INTEGER: 140

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblUnavailable.1 = INTEGER: 16

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblUnavailable.2 = INTEGER: 79

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblLevel.1 = INTEGER: almMinor(2)

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblLevel.2 = INTEGER: almMajor(3)

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMinorThresh.1 = INTEGER: 0

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMinorThresh.2 = INTEGER: 0

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMajorThresh.1 = INTEGER: 20

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMajorThresh.2 = INTEGER: 10

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblCriticalThresh.1 = INTEGER: 100

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblCriticalThresh.2 = INTEGER: 100

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblName.1 = STRING: "Lines"

MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblName.2 = STRING: "Trunks"

This information can be formated into a log or an email.

## Example 4: SX-2000 LIGHT Alarm Notifications

Using the typical alarms event decribed above (see Example 1: Typical Alarms Entry), this example illustrates the typical response of an SX-2000 LIGHT SNMP agent in the event of a system alarm.

The SX-2000 SNMP agent generates the following SNMP trap for the management application:

```
mitelCs2000NotifAlarm
```

The information received by the management application as a result of this SNMP trap appears in the following format:

```
TRAP-V1:
Enterprise = MITEL-SX2000-MIB::mitelIdCs2000Light
Agent Address = <IP address of the SX-2000 SNMP agent>
Trap Type = 6 (enterprise specific trap)
Specific Trap Type = 201 (value to uniquely identify the trap)
Timestamp = 31047694 (The value of sysUpTime at the point of
occurance)
Object Identifier = MITEL-SX2000-MIB::mitelCs2000SysName.0
Value = STRING: "sx2000"
Object Identifier = MITEL-SX2000-MIB::mitelCs2000AlmLevel.0
Value = INTEGER: almMajor(3)
Object Identifier = MITEL-SX2000-MIB::mitelCs2000AlmDetectDate.0
Value = OCTECT STRING: 07 D4 09 02 11 17 30 00 00 00 00
Object Identifier = MITEL-SX2000-
MIB::mitelCs2000AlmNbrCatagories.0
Value = INTEGER: 2
```

## Example 5: SX-2000 LIGHT Alarm Details Query

After the management application receives the trap information descibed in Example 4, above, the management application can perform the following query for information about the nature of the errors:

```
mitelCs2000CategoryTable
```

NET-SNMP Command

```
snmpwalk -v 1 -c public <agent IP> mitelCs2000CatagoryTable
```

Results

MITEL-SX2000-MIB::mitelCs2000CatTblIndex.1 = INTEGER: 1

MITEL-SX2000-MIB::mitelCs2000CatTblIndex.2 = INTEGER: 2

MITEL-SX2000-MIB::mitelCs2000CatTblAvailable.1 = INTEGER: 160

MITEL-SX2000-MIB::mitelCs2000CatTblAvailable.2 = INTEGER: 140

MITEL-SX2000-MIB::mitelCs2000CatTblUnavailable.1 = INTEGER: 16

MITEL-SX2000-MIB::mitelCs2000CatTblUnavailable.2 = INTEGER: 79

MITEL-SX2000-MIB::mitelCs2000CatTblLevel.1 = INTEGER: almMinor(2)

MITEL-SX2000-MIB::mitelCs2000CatTblLevel.2 = INTEGER: almMajor(3)

MITEL-SX2000-MIB::mitelCs2000CatTblMinorThresh.1 = INTEGER: 0

MITEL-SX2000-MIB::mitelCs2000CatTblMinorThresh.2 = INTEGER: 0

MITEL-SX2000-MIB::mitelCs2000CatTblMajorThresh.1 = INTEGER: 20

MITEL-SX2000-MIB::mitelCs2000CatTblMajorThresh.2 = INTEGER: 10

MITEL-SX2000-MIB::mitelCs2000CatTblCriticalThresh.1 = INTEGER: 100

MITEL-SX2000-MIB::mitelCs2000CatTblCriticalThresh.2 = INTEGER: 100

MITEL-SX2000-MIB::mitelCs2000CatTblName.1 = STRING: "Lines"

MITEL-SX2000-MIB::mitelCs2000CatTblName.2 = STRING: "Trunks"

This information can be formated into a log or an email.

# SNMP Interface MIBs for the 3300ICP

The following sections describe the MIB modules for the family of 3300ICP nodes that the SNMP agent will support for extracting statistical and network topology information associated with faults and diagnostics.

The MIB descriptions reference various Network Working Group request for comments (RFC) documents. Where no standards track documents exist for attributes that require exposure through the SNMP interface, then Mitel proprietary MIBs will be developed and documented.

## SNMP Agent Support in the 3300ICP

The descriptions that follow denote a specific personality of the 3300ICP (e.g. MXe, LX, etc.). These different platforms can be, in some cases, different hardware running a core piece of software or the same base hardware component with different hardware options.

A base set of MIB data objects will be supported by all of the platforms. Generically supported MIB modules are described and any deviation from the list of supported attributes is identified in those modules.

**IMPORTANT: Earlier versions (pre-Release 8.0) of the 3300 SNMP agent supported standard objects that had an access of *Read-Write,* will now only have an access of *Read-Only*. A *Read Only* behavior will be enforced in the SNMP agent because of security issues. The exception to that rule is the Mitel enterprise MIB for the 3300 that has a SNMP Set for the Emergency Response application. Any management application that tries to SNMP Set a standard object that is defined as *Read-Write* will receive a *Read Only* error.**

For those tables contained in the standard MIB modules that are not supported in the SNMP agent, any management application query (SNMP Get) or attempted set (SNMP Set) of those non-supported objects will result in an error return code of *No such name*.

For those objects contained within the supported tables in the standard MIB modules that do not have subsystem support, any management application query (SNMP Get) will return a default value. A default value is required for these objects since any standards-based management application will expect those objects to be supported. If no value were to be returned, the SNMP Manager application would behave undesirably.

## Module Conformance statement

A module conformance statement has been defined to address which MIB groups are not supported (or partially supported) by the 3300 SNMP Agent, and to describe all of the details of the SNMP agent MIB support.

In order to simplify SNMP agent development, the family of 3300ICP nodes will have the same capability. In cases where there are no entries to correspond with supported tables or scalar objects the agent will return *No such name*.

## mitelIdCsIpera3000 MODULE-CONFORMANCE statement

```
mitelIdCsIpera3000    DEFINITIONS ::= BEGIN



    IMPORTS

        MODULE-CONFORMANCE

            FROM RFC-1303
```

```
    -- everything --

        FROM RFC1213-MIB

    -- everything (rfc2863) --

        FROM IF-MIB

    -- everything (rfc4188) --

        FROM BRIDGE-MIB

    -- everything (rfc2674) --

        FROM P-BRIDGE-MIB

    -- everything (rfc3635)--

        FROM EtherLike-MIB

    -- everything (rfc3636) --

        FROM MAU-MIB;

    -- everything (rfc4318) --

        FROM RSTP-MIB

    -- (rfc2790) --

        FROM HOST-RESOURCES-MIB

    -- everything (MITEL-IperaVoiceLAN-MIB) --

        FROM MITEL-IperaVoiceLAN-MIB

    -- everything (MITEL-BCM-MIB) --

        FROM MITEL-BCM-MIB

    -- everything (MITEL-ERN) --

        FROM MITEL-ERN

    -- everything (MITEL-BWM-MIB) --

        FROM MITEL-BWM-MIB;



mitelIdCsIpera3000 MODULE-CONFORMANCE

    LAST-UPDATED        "200707110000Z"

    PRODUCT-RELEASE     "3300 Release 8.0"

    DESCRIPTION         "3300 statistics support release"
```

```
    SUPPORTS          RFC1213-MIB

        INCLUDES          { system, ip, icmp,

                            tcp, udp, snmp }


        VARIATION         sysContact
            ACCESS        read-only
            DESCRIPTION "No sets supported"


        VARIATION         sysName
            ACCESS        read-only
            DESCRIPTION "No sets supported"


        VARIATION         sysLocation
            ACCESS        read-only
            DESCRIPTION "No sets supported"


        VARIATION         ipForwarding
            ACCESS        read-only
            SYNTAX        INTEGER { not-forwarding(2) }
            DESCRIPTION "No sets supported"


        VARIATION         ipDefaultTTL
            ACCESS        read-only
            DESCRIPTION "No sets supported"


        VARIATION         ipRouteDest
            ACCESS        read-only
            DESCRIPTION "No sets supported"


        VARIATION         ipRouteIfIndex
```

```
ACCESS      read-only

DESCRIPTION "No sets supported"


VARIATION       ipRouteMetric1

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteMetric2

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteMetric3

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteMetric4

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteNextHop

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteType

    ACCESS      read-only

    DESCRIPTION "No sets supported"


VARIATION       ipRouteAge

    ACCESS      read-only

    DESCRIPTION "No sets supported"
```

```
VARIATION        ipRouteMask

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        ipRouteMetric5

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        ipNetToMediaIfIndex

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        ipNetToMediaPhysAddress

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        ipNetToMediaNetAddress

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        ipNetToMediaType

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        tcpConnState

    ACCESS       read-only

    DESCRIPTION "No sets supported"


VARIATION        snmpEnableAuthenTraps
```

```
            ACCESS     read-only

            DESCRIPTION "No sets supported"


SUPPORTS              IF_MIB-MIB

    INCLUDES          { ifGeneralInformationGroup,

                        ifHCPacketGroup,

                        linkUpDownNotificationsGroup }


    VARIATION         ifAdminStatus

        ACCESS        read-only

        DESCRIPTION "No sets supported"


    VARIATION         ifOperStatus

        SYNTAX        INTEGER { up(1), down(2) }

        DESCRIPTION "Only values supported"


    VARIATION         ifHCInUnicastPkts

        ACCESS        read-only

        DESCRIPTION "Information not available on 3300,

                      Default value of 0 will always be

                      returned from a GET request."


    VARIATION         ifHCInMulticastPkts

        ACCESS        read-only

        DESCRIPTION "Information not available on 3300,

                      Default value of 0 will always be

                      returned from a GET request."


    VARIATION         ifHCInBroadcastPkts

        ACCESS        read-only
```

```
          DESCRIPTION "Information not available on 3300,

                       Default value of 0 will always be

                       returned from a GET request."



    VARIATION       ifHCOutUnicastPkts

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     Default value of 0 will always be

                     returned from a GET request."



    VARIATION       ifHCOutMulticastPkts

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     Default value of 0 will always be

                     returned from a GET request."



    VARIATION       ifHCOutBroadcastPkts

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     Default value of 0 will always be

                     returned from a GET request."



    VARIATION       ifLinkUpDownTrapEnable

        ACCESS      read-only

        SYNTAX      INTEGER { disabled(2) }

        DESCRIPTION "Information not available on 3300"



    VARIATION       ifPromiscuousMode

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,
```

a default value of true {1} will

always be returned on a GET."


SUPPORTS          MAU-MIB

   INCLUDES          { mauIfGrpBasic, mauIfGrpHighCapacity,

                 mauIfGrpJack, mauIfGrpAutoNeg2,

                 mauIfGrpAutoNeg1000Mbps }


   VARIATION         ifMauType

      ACCESS        read-only

      DESCRIPTION "Information not available on 3300,

                  a GET request will always return

                  { 0 0 }."


   VARIATION         ifMauMediaAvailableStateExists

      ACCESS        read-only

      DESCRIPTION "Information not available on 3300,

                  Default value of 0 will always be

                  returned from a GET request."


   VARIATION         ifMauJabberState

      ACCESS        read-only

      DESCRIPTION "Information not available on 3300,

                  a GET request will always return

                  unknown {2}."


   VARIATION         ifMauJabberingStateEnters

      ACCESS        read-only

      DESCRIPTION "Information not available on 3300,

                  a GET request will always return

{0}."


VARIATION        ifMauFalseCarriers

    ACCESS        read-only

    DESCRIPTION "Information not available on 3300,

                 a GET request will always return

                 {0}."


VARIATION        ifMauTypeList

    ACCESS        read-only

    DESCRIPTION "Information not available on 3300,

                 a GET request will always return

                 {0}. This object is deprecated but

                 required support is necessary for

                 most managers."


VARIATION        ifMauDefaultType

    ACCESS        read-only

    DESCRIPTION "Information not available on 3300,

                 a GET request will always return

                 { 0 0 }."


VARIATION        ifMauAutoNegAdminStatus

    ACCESS        read-only

    DESCRIPTION "Information not available on 3300,

                 a GET request will always return

                 enabled {1}."


VARIATION        ifMauAutoNegCapability

    ACCESS        read-only

```
        DESCRIPTION "Information not available on 3300,

                     a GET request will always return

                     {0}. This object is deprecated but

                     required support is necessary for

                     most managers."


    VARIATION       ifMauAutoNegCapAdvertised

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     a GET request will always return

                     {0}. This object is deprecated but

                     required support is necessary for

                     most managers."


    VARIATION       ifMauAutoNegCapReceived

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     a GET request will always return

                     {0}. This object is deprecated but

                     required support is necessary for

                     most managers."


    VARIATION       ifMauAutoNegRestart

        ACCESS      read-only

        DESCRIPTION "Information not available on 3300,

                     a GET request will always return

                     norestart {2}."


  SUPPORTS          BRIDGE-MIB

      INCLUDES      { dot1dBaseBridgeGroup
```

```
                          dot1dBasePortGroup,

                          dot1dStpBridgeGroup,

                          dot1dStpPortGroup,

                          dot1dStpPortGroup3,

                          dot1dNotificationGroup,

                          dot1dTpFdbGroup }


        VARIATION       dot1dBasePortDelayExceededDiscards

            ACCESS      read-only

            DESCRIPTION "Information not available on 3300,

                          a GET request will always return

                          {0}."


        VARIATION       dot1dBasePortMtuExceededDiscards

            ACCESS      read-only

            DESCRIPTION "Information not available on 3300,

                          a GET request will always return

                          {0}."


        VARIATION       dot1dStpBridgeHelloTime

            ACCESS      read-only

            DESCRIPTION "No sets supported"


        VARIATION       dot1dStpBridgeForwardDelay

            ACCESS      read-only

            DESCRIPTION "No sets supported"


        VARIATION       dot1dStpPortPriority

            ACCESS      read-only

            DESCRIPTION "No sets supported"
```

```
       VARIATION        dot1dStpPortEnable

          ACCESS        read-only

          DESCRIPTION "No sets supported"


       VARIATION        dot1dStpPortPathCost

          ACCESS        read-only

          DESCRIPTION "No sets supported"


       VARIATION        dot1dStpPortPathCost32

          ACCESS        read-only

          DESCRIPTION "No sets supported"


   SUPPORTS             P-BRIDGE-MIB

       INCLUDES         { dot1dExtBase }


       VARIATION        dot1dTrafficClassesEnabled

          ACCESS        read-only

          DESCRIPTION "No sets supported"


       VARIATION        dot1dGmrpStatus

          ACCESS        read-only

          DESCRIPTION "Information not available on 3300,

                       a GET request will always return

                       disabled {2}."


   SUPPORTS             EtherLike-MIB

       INCLUDES         { etherStatsBaseGroup2,

                         etherStatsHalfDuplexGroup,

                         etherRateControlGroup,
```

                                etherControlPauseGroup }


      VARIATION           dot3StatsCarrierSenseErrors

          ACCESS       read-only

          DESCRIPTION "Information not available on 3300,

                        a GET request will always return

                        {0}."


   SUPPORTS             RSTP-MIB
      INCLUDES          { rstpPortGroup }


      VARIATION         dot1dStpPortProtocolMigration

          ACCESS       read-only

          DESCRIPTION "Information not available on 3300,

                        a GET request will always return

                        false {2}."


      VARIATION         dot1dStpPortAdminEdgePort

          ACCESS       read-only

          DESCRIPTION "No sets supported"


      VARIATION         dot1dStpPortAdminPointToPoint

          ACCESS       read-only

          DESCRIPTION "No sets supported"


      VARIATION         dot1dStpPortAdminPathCost

          ACCESS       read-only

          DESCRIPTION "No sets supported"


   SUPPORTS             RMON-MIB

```
    INCLUDES        { rmonEtherStatsGroup }


    VARIATION       etherStatsOwner
        ACCESS      read-only
        DESCRIPTION "No sets supported"


    VARIATION       etherStatsStatus
        ACCESS      read-only
        SYNTAX      INTEGER { valid(1), invalid(4) }
        DESCRIPTION "No sets supported"


SUPPORTS            HOST-RESOURCES-MIB
    INCLUDES        { hrSystemGroup,
                      hrStorageGroup,
                      hrDeviceGroup,
                      hrSWRunPerfGroup }


SUPPORTS            MITEL-MIB
    INCLUDES        { mitelBCMPortGroup, mitelBCMChipGroup }


SUPPORTS            MITEL-IperaVoiceLAN-MIB
    INCLUDES        { mitelGrpIpera3000Alarms,
                      mitelGrpIpera3000AlarmsNotifs,
                      mitelIpera3000Resilience }


SUPPORTS            MITEL-ERN
    INCLUDES        { mitelCsEmergencyResponse }


SUPPORTS            MITEL-BWM-MIB
    INCLUDES        { mitelBWMCurrentStatisticsGroup,
```

```
                                           mitelBWMCumulativeStatisticsGroup,

                                     mitelBWMHistoricalStatisticsGroup }



                     ::= { mitelIdCsIpera3000 }



            END
```

## Supported MIBs

A base set of MIB data objects will be supported by all of the platforms.  The following generically supported MIB modules are described, and any deviation from the list of supported attributes is identified in those modules:

- RFC1213–MIB

- IF–MIB (RFC2863)

- MAU–MIB (RFC3636)

- BRIDGE–MIB (RFC4188)

- P–BRIDGE–MIB (RFC2674)

- Ether–Like–MIB (RFC3635)

- RSTP–MIB (RFC4318)

- RMON–MIB (RFC2819

- MITEL–BCM–MIB

**IMPORTANT:  Earlier versions(pre-Release 8.0) of the 3300 SNMP agent supported standard objects that had an access of *Read-Write,* will now only have an access of *Read-Only*.  A *Read Only* behavior will be enforced in the SNMP agent because of security issues.  The exception to that rule is the Mitel enterprise MIB for the 3300 that has a SNMP Set for the Emergency Response application.  Any management application that tries to SNMP Set a standard object that is defined as *Read-Write* will receive a *Read Only* error.**

For those tables contained in the standard MIB modules that are not supported in the SNMP agent, any management application query (SNMP Get) or attempted set (SNMP Set) of those non-supported objects will result in an error return code of *No such name*.

For those objects contained within the supported tables in the standard MIB modules that do not have subsystem support, any management application query (SNMP Get) will return a default value.  A default value is required for these objects since any standards-based management application will expect those objects to be supported.  If no value were to be returned, the SNMP Manager application would behave undesirably.

### RFC1213 MIB

All supported groups in this MIB module are only representative of the SNMP agent's IP interface.

| RFC1213 MIB Support | |
|---|---|
| MIB Group / Attribute / Table | Supported Yes/No |
| **system** | Yes (Used for system discovery) |
| **interfaces** | No (Superceded by rfc2863) |
| **at** | No (Deprecated) |
| **ip** | Yes |
| **icmp** | Yes |
| **tcp** | Yes |
| **udp** | Yes |
| **egp** | No (We do not support EGP) |
| **snmp** | Yes |

**IMPORTANT:  Information in the following tables, for the scalar objects, is only relevant to the SNMP agent's IP interface.  It does not represent information about any of the other interfaces.**

## The System Group

| MIB Attribute (Scalar Objects) | Supported Y/N | Notes: |
|---|---|---|
| **sysDescr** | Yes | DisplayString |
| **sysObjectID** | Yes | OBJECT IDENTIFIER |
| **sysUpTime** | Yes | TimeTicks |
| **sysContact** | Yes | DisplayString (read-only) |
| **sysName** | Yes | DisplayString (read-only) |
| **sysLocation** | Yes | DisplayString (read-only) |
| **sysServices** | Yes | INTEGER |

The implementation of the sysDescr object, in the SNMP agent for 3300 ICP, will essentially be formatted with information that coincides with the description in RFC1213.  It will also include any other pertinent information to aid in auto discovery for use with Enterprise Manager.

The definition for sysDescr from RFC1213 is as follows:

```
sysDescr OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..255))
ACCESS read-only STATUS mandatory
DESCRIPTION
"A textual description of the entity. This value should include
the full name and version identification of the system's hardware
type, software operating-system, and networking software. It is
mandatory that this only contain printable ASCII characters."
::= { system 1 }
```

The following information will be available for the SNMP managers.  All fields are required.

### SNMP Agent Version (VerAg)

```
The version of the SNMP agent in dotted notation ascii string
"aa.bb.cc.dd.ee"

There was no version in SNMP agent prior to R6.0, so the first
SNMP agent version will be 06.00.00.01.00

Required field for R6.0 and onward.
```

### Hardware Variant (VerHw)

```
The variant of the hardware of the Platform agent in ascii
string:
LX = 1000 User Platform
MX = 200 User Platform
CX = 64 User Platform
CXi = 64 User Platform with L2 and Gateway.
Lite = 250 User Platform.
MXe = 700 – 5600 User Platform with L2 and Gateway, etc.
MXe-CD = 5600 User Platform with L2 and Gateway, etc.
AX = 250 User Platform with basic L2.

Required field for 3300.
```

### Software Version (VerSw)

```
The version of the platform as a whole in dotted notation ascii
string "aa.bb.cc.dd.ee"

Required field for 3300.
```

### Platform Variant (VerPl)

```
The variant of the platform such as 3300 or 200
A space will be used as delimiter between field=value pair.

Required field for 3300.
```

### Format of "sysDescr" object

The sysDescr is formatted in such a way that SNMP managers can parse out the information from the DisplayString while complying with the 255 maximum character limitation of sysDescr.

The following textual presentation is used with a colon as a delimiter between the field name and the field value, and a semicolon as a delimiter between two fields and value pairs.

```
"VerAg:<software version of SNMP agent>;VerHw:<hardware variant>;
VerSw:<software version>;VerPlat:<platform variant>;"
```

## The at Group

The at Group is not supported since Mitel does not have any MIB I nodes.

## The ip Group

| RFC1213 ip Group Scalar Object Support | | |
|---|---|---|
| MIB Attribute<br>(Scalar Objects) | Supported Y/N | Notes: |
| ipForwarding | Yes | INTEGER (read-only)<br>(value is always not-forwarding(2)) |
| ipDefaultTTL | Yes | INTEGER (read-only) |
| ipInReceives | Yes | Counter |
| ipInHdrErrors | Yes | Counter |
| ipInAddrErrors | Yes | Counter |
| ipForwDatagrams | Yes | Counter |
| ipInUnkownProtos | Yes | Counter |
| ipInDiscards | Yes | Counter |
| ipInDelivers | Yes | Counter |
| ipOutRequests | Yes | Counter |
| ipOutDiscards | Yes | Counter |
| ipOutNoRoutes | Yes | Counter |
| ipReasmTimeout | Yes | INTEGER |
| ipReasmReqds | Yes | Counter |
| ipReasmOKs | Yes | Counter |
| ipReasmFails | Yes | Counter |
| ipFragsOks | Yes | Counter |
| ipFragsFails | Yes | Counter |
| ipFragCreates | Yes | Counter |

The following table of attributes "could" display information about all of the interfaces that have the IP protocol layered above them.  For Release 8.0 and up of the 3300ICP, only the SNMP agent's IP interface will be represented in this table.

| RFC1213 IP Address Table Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| ipAdEntAddr | Yes | (KEY) IpAddress |
| ipAdEntIfIndex | Yes | INTEGER |
| ipAdEntNetMask | Yes | IpAddress |
| ipAdEntBcastAddr | Yes | INTEGER |
| ipAdEntReasmMaxSize | Yes | INTEGER |

**IMPORTANT:  The information in the IP Routing Table below, is only relevant to the SNMP agent's IP interface.  It does not represent information about any of the other interfaces.**

| RFC1213 IP Routing Table Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| ipRouteDest | Yes | (KEY) IpAddress (read-only) |
| ipRouteIfIndex | Yes | INTEGER (read-only) |
| ipRouteMetric1 | Yes | INTEGER (read-only) |
| ipRouteMetric2 | Yes | INTEGER (read-only) |
| ipRouteMetric3 | Yes | INTEGER (read-only) |
| ipRouteMetric4 | Yes | INTEGER (read-only) |
| ipRouteNextHop | Yes | IpAddress (read-only) |
| ipRouteType | Yes | INTEGER (read-only) |
| ipRouteProto | Yes | INTEGER |
| ipRouteAge | Yes | INTEGER (read-only) |
| ipRouteMask | Yes | IpAddress (read-only) |
| ipRouteMetric5 | Yes | INTEGER (read-only) |
| ipRouteInfo | Yes | OBJECT IDENTIFIER |

The following table of attributes "could" display information about all of the interfaces that have the IP protocol layered above them.  For Release 8.0 and up of the 3300ICP, only the SNMP agent's IP interface will be represented in this table.

| RFC1213 IP Address Translation Table Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| ipNetToMediaIfIndex | Yes | (KEY) INTEGER (read-only) |
| ipNetToMediaPhysAddress | Yes | PhysAddress (read-only) |
| ipNetToMediaNetAddress | Yes | IpAddress (read-only) |
| ipNetToMediaType | Yes | INTEGER (read-only) |

## The icmp Group

| RFC1213 icmp Group Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **icmpInMsgs** | Yes | Counter |
| **icmpInErrors** | Yes | Counter |
| **icmpInDestUnreachs** | Yes | Counter |
| **icmpInTimeExcds** | Yes | Counter |
| **icmpInParmProbe** | Yes | Counter |
| **icmpInSrcQuenchs** | Yes | Counter |
| **icmpInRedirects** | Yes | Counter |
| **icmpInEchos** | Yes | Counter |
| **icmpInEchoReps** | Yes | Counter |
| **icmpInTimestamps** | Yes | Counter |
| **icmpInTimestampsReps** | Yes | Counter |
| **icmpInAddrMasks** | Yes | Counter |
| **icmpInAddrMaskReps** | Yes | Counter |
| **icmpOutMsgs** | Yes | Counter |
| **icmpOutErrors** | Yes | Counter |
| **icmpOutDestUnreachs** | Yes | Counter |
| **icmpOutTimeExcds** | Yes | Counter |
| **icmpOutParmProbs** | Yes | Counter |
| **icmpOutSrcQuenchs** | Yes | Counter |
| **icmpOutRedirects** | Yes | Counter |
| **icmpOutEchos** | Yes | Counter |
| **icmpOutEchoReps** | Yes | Counter |
| **icmpOutTimestamps** | Yes | Counter |
| **icmpOutTimestampReps** | Yes | Counter |
| **icmpOutAddrMasks** | Yes | Counter |
| **icmpOutAddrMaskReps** | Yes | Counter |

## The tcp Group

| RFC1213 TCP Group Scalar Object Support | | |
|---|---|---|
| MIB Attribute (Scalar Objects) | Supported Y/N | Notes: |
| tcpRtoAlgorithm | Yes | INTEGER |
| tcpRtoMin | Yes | INTEGER |
| tcpRtoMax | Yes | INTEGER |
| tcpActiveOpens | Yes | Counter |
| tcpPassiveOpens | Yes | Counter |
| tcpAttemptFails | Yes | Counter |
| tcpEstabResets | Yes | Counter |
| tcpCurrEstab | Yes | Gauge |
| tcpInSegs | Yes | Counter |
| tcpOutSegs | Yes | Counter |
| tcpRetransSegs | Yes | Counter |
| tcpInErrs | Yes | Counter |
| tcpOutRsts | Yes | Counter |

The following table of attributes "could" display information about all of the interfaces that have the IP protocol layered above them. For Release 8.0 and up of the 3300ICP, only the SNMP agent's IP interface will be represented in this table.

| RFC1213 TCP Connection Table Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| tcpConnLocalAddress | Yes | (KEY) IpAddress |
| tcpConnLocalPort | Yes | (KEY) INTEGER |
| tcpConnRemAddress | Yes | (KEY) IpAddress |
| tcpConnRemPort | Yes | (KEY) INTEGER |
| tcpConnState | Yes | INTEGER (read-only) |

## The udp Group

| RFC1213 UDP Group Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **udpInDatagrams** | Yes | Counter |
| **udpNoPorts** | Yes | Counter |
| **udpInErrors** | Yes | Counter |
| **udpOutDatagrams** | Yes | Counter |

The following table of attributes "could" display information about all of the interfaces that have the IP protocol layered above them.  For Release 8.0 and up of the 3300ICP, only the SNMP agent's IP interface will be represented in this table.

| RFC1213 UDP Listener Table Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **udpLocalAddress** | Yes | (KEY) IpAddress |
| **udpLocalPort** | Yes | (KEY) INTEGER |

## The egp Group

The egp Group will not be supported because the 3300ICP will not be implementing the Exterior Gateway Protocol.  In this instance, an "SNMP Get" on any attribute under this group will result in a *No Such Name* response.

## The snmp Group

| RFC1213 SNMP Group Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **snmpInPkts** | Yes | Counter |
| **snmpOutPkts** | Yes | Counter |
| **snmpInBadVersions** | Yes | Counter |
| **snmpInBadCommunityNames** | Yes | Counter |
| **snmpInBadCommunityUses** | Yes | Counter |
| **snmpInASNParseErrs** | Yes | Counter |
| **snmpInTooBigs** | Yes | Counter |
| **snmpInNoSuchNames** | Yes | Counter |
| **snmpInBadValues** | Yes | Counter |
| **snmpInReadOnlys** | Yes | Counter |
| **snmpInGenErrs** | Yes | Counter |
| **snmpInTotalReqVars** | Yes | Counter |
| **snmpInTotalSetVars** | Yes | Counter |

| RFC1213 SNMP Group Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **snmpInGetRequests** | Yes | Counter |
| **snmpInGetNexts** | Yes | Counter |
| **snmpInSetRequests** | Yes | Counter |
| **snmpInGetResponses** | Yes | Counter |
| **snmpInTraps** | Yes | Counter |
| **snmpOutTooBigs** | Yes | Counter |
| **snmpOutNoSuchNames** | Yes | Counter |
| **snmpOutBadValues** | Yes | Counter |
| **snmpOutGenErrs** | Yes | Counter |
| **snmpOutGetRequests** | Yes | Counter |
| **snmpOutGetNexts** | Yes | Counter |
| **snmpOutSetRequests** | Yes | Counter |
| **snmpOutGetResponses** | Yes | Counter |
| **snmpOutTraps** | Yes | Counter |
| **snmpEnableAuthenTraps** | Yes | INTEGER (read-only) (value always enabled(1) ) |

## IF-MIB (RFC2863)

This section identifies the RFC2863 MIB attributes and or tables that will be supported by the 3300 SNMP agent.

| RFC2863 MIB Support | |
|---|---|
| **rfc2863 MIB Attribute or Table** | **Supported Yes/No** |
| **ifNumber** | Yes |
| **ifTableLastChange** | Yes (Value is always 0) |
| **ifTable** | Yes (RFC2863 ifTable Support) |
| **ifXTable** | Yes (RFC2863 ifXTable Support) |
| **ifStackTable** | No |
| **ifRcvAddressTable** | No |
| **ifTestTable** | No (Deprecated) |

ifStackTable and ifRcvAddressTable are not supported because they do not describe any relevant data implementation.

The following tables illustrate the supported MIB attributes and, where appropriate, will indicate any deviation from the standard.

| RFC2863 ifTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **ifIndex** | Yes | (KEY) InterfaceIndex |
| **ifDescr** | Yes | DisplayString |
| **ifType** | Yes | IANAifType |
| **ifMtu** | Yes | Integer32 |
| **ifSpeed** | Yes | Guage32 |
| **ifPhysAddress** | Yes | PysicalAddress |
| **ifAdminStatus** | Yes | INTEGER (read-only) |
| **ifOperStatus** | Yes | INTEGER |
| **ifLastChange** | Yes | TimeTicks |
| **ifInOctets** | Yes | Counter32 |
| **ifInUcastPkts** | Yes | Counter32 |
| **ifInNUcastPkts** | Yes | Deprecated<br>(But supported for backwards compatibility) |
| **ifInDiscards** | Yes | Counter32 |
| **ifInErrors** | Yes | Counter32 |
| **ifInUnknownProtos** | Yes | Counter32 |
| **ifOutOctets** | Yes | Counter32 |
| **ifOutUcastPkts** | Yes | Counter32 |
| **ifOutNUcastPkts** | Yes | Deprecated<br><br>(But supported for backwards compatibility) |
| **ifOutErrors** | Yes | Counter32 |
| **ifOutQLen** | Yes | Deprecated<br>(But supported for backwards compatibility) |
| **ifSpecific** | Yes | Deprecated<br>(But supported for backwards compatibility)<br>(Hard coded to default "0.0") |

| RFC2863 ifXTable (Extends ifTable) Support | | |
|---|---|---|
| **MIB Attribute** | **Supported  Y/N** | **Notes:** |
| **ifIndex** | Yes | (KEY) InterfaceIndex |
| **ifName** | Yes | DisplayString |
| **ifInMulticastPkts** | Yes | Counter32 |
| **ifInBroadcastPkts** | Yes | Counter32 |
| **ifOutMulticastPkts** | Yes | Counter32 |
| **ifOutBroadcastPkts** | Yes | Counter32 |
| **ifHCInOctets** | Yes | Counter64 |

| RFC2863 ifXTable (Extends ifTable) Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| ifHCInUcastPkts | Yes | Counter64<br>default {0} |
| ifHCInMulticastPkts | Yes | Counter64<br>default {0} |
| ifHCInBroadcastPkts | Yes | Counter64<br>default {0} |
| ifHCOutOctets | Yes | Counter64 |
| ifHCOutUcastPkts | Yes | Counter64<br>default {0} |
| ifHCOutMulticastPkts | Yes | Counter64<br>default {0} |
| ifHCOutBroadcastPkts | Yes | Counter64<br>default {0} |
| ifLinkUpDownTrapEnable | Yes | INTEGER (read-only)<br>default {2} |
| ifHighSpeed | Yes | Gauge32 |
| ifPromiscuousMode | Yes | TruthValue (read-only)<br>default {1} |
| ifConnectorPresent | Yes | TruthValue |
| ifAlias | Yes | DisplayString (read-only)<br>default {""} |
| ifCouterDiscontinuityTime | Yes | TimeStamp |

## MAU-MIB (RFC3636)

This section identifies the RFC3636 MIB attributes and tables that will be supported by the 3300 SNMP agent. The following tables and contained attributes apply to all external interfaces. Example: For the MXe platform all external interfaces will have an entry into these tables. This logic applies to all of the platforms.

| RFC3636 MIB Support | |
|---|---|
| RFC3636 MIB Attribute or Table | Supported Yes/No |
| rpMauTable | No (We do not have a hub in the platform) |
| rpJackTable | No (We do not have a hub in the platform) |
| ifMauTable | Yes |
| ifJackTable | Yes |
| ifMauAutoNegTable | Yes |
| broadMauBasicTable | No (Depricated) |
| rpMauJabberTrap | No |
| ifMauJabberTrap | No |

| RFC3636 ifMauTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **ifMauIfIndex** | Yes | (KEY) InterfaceIndex |
| **ifMauIndex** | Yes | (KEY) Integer32 |
| **ifMauType** | Yes | AutonomousType<br>default { 0 0 } |
| **ifMauStatus** | Yes | INTEGER |
| **ifMauMediaAvailable** | Yes | INTEGER |
| **ifMauMediaAvailableStateExists** | Yes | Counter32<br>default {0} |
| **ifMauJabberState** | Yes | INTEGER<br>default {2} |
| **ifMauJabberingStateEnters** | Yes | Counter32<br>default {0} |
| **ifMauFalseCarriers** | Yes | Counter32<br>default {0} |
| **ifMauTypeList** | Yes | Integer32<br>default {0} |
| **ifMauDefaultType** | Yes | AutonomousType<br>default { 0 0 } |
| **ifMauAutoNegSupported** | Yes | TruthValue |
| **ifMauTypeListBits** | Yes | BITS |
| **ifMauHCFalseCarriers** | Yes | Counter64 |

| RFC3636 ifJackTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **ifMauIfIndex** | Yes | (KEY) InterfaceIndex |
| **ifMauIndex** | Yes | (KEY) Integer32 |
| **ifJackIndex** | Yes | (KEY) InterfaceIndex |
| **ifJackType** | Yes | INTEGER |

| RFC3636 ifMauAutoNegTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **ifMauIfIndex** | Yes | (KEY) InterfaceIndex |
| **ifMauIndex** | Yes | (KEY) Integer32 |
| **ifMauAutoNegAdminStatus** | Yes | INTEGER (read-only)<br>default {1} |
| **ifMauAutoNegRemoteSignaling** | Yes | INTEGER |
| **ifMauAutoNegConfig** | Yes | INTEGER |

| RFC3636 ifMauAutoNegTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **ifMauAutoNegCapability** | Yes | Integer32<br>default {0} |
| **ifMauAutoNegCapAdvertised** | Yes | Integer32 (read-only)<br>default {0} |
| **ifMauAutoNegCapReceived** | Yes | Integer32<br>default {0} |
| **ifMauAutoNegRestart** | Yes | INTEGER (read-only)<br>default {2} |
| **ifMauAutoNegCapablityBits** | Yes | BITS |
| **ifMauAutoNegAdvertisedBits** | Yes | BITS |
| **ifMauAutoNegReceivedBits** | Yes | BITS |
| **ifMauAutoNegRemoteFaultAdvertised** | Yes | INTEGER |
| **ifMauAutoNegRemoteFaultReceived** | Yes | INTEGER |

## BRIDGE-MIB (RFC4188)

This is a new MIB module for Bridges that has been approved for standards track by the IETF.  This new MIB module supersedes RFC1493.

This section identifies the RFC4188 MIB attributes and tables that will be supported by the 3300 SNMP agent.  The following tables and contained attributes apply to all Layer Two Switch external interfaces.
*Example:* For the MXe platform all external Layer Two Switch interfaces will have an entry into these tables.  This logic applies to all of the platforms.

| RFC4188 MIB support | |
|---|---|
| **RFC4188 MIB Group or Table** | **Supported Yes/No** |
| **dot1dBaseBridgeGroup** | Yes |
| **dot1dBaseBridgePortGroup** | Yes |
| **dot1dStpBridgeGroup** | Yes |
| **dot1dStpPortGroup** | Yes |
| **dot1dStpPortGroup2** | No |
| **dot1dStpPortGroup3** | Yes |
| **dot1dSr** | No |
| **dot1dTpBridgeGroup** | No |
| **dot1dTpFdbGroup** | Yes |
| **dot1dTpGroup** | No |
| **dot1dStaticGroup** | No |
| **dot1dNotificationGroup** | Yes |

| RFC4188 dot1dBaseBridgeGroup Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **dot1dBaseBridgeAddress** | Yes | MacAddress |
| **dot1dBaseNumPorts** | Yes | Integer32 |
| **dot1dBaseType** | Yes | INTEGER |

| RFC4188 dot1dBasePortTable (*dot1dBaseBridgePortGroup*) Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| **dot1dBasePort** | Yes | (KEY) Integer32 |
| **dot1dBasePortIfIndex** | Yes | InterfaceIndex |
| **dot1dBasePortCircuit** | Yes | OBJECT IDENTIFIER (set to default "0.0") |
| **dot1dBasePortDelayExceededDiscards** | Yes | Counter32 default {0} |
| **dot1dBasePortMtuExceededDiscards** | Yes | Counter32 default {0} |

| RFC4188 dot1dStpBridgeGroup Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **dot1dStpProtocolSpecification** | Yes | INTEGER |
| **dot1dStpPriority** | Yes | Integer32 |
| **dot1dStpTimeSinceTopologyChange** | Yes | TimeTicks |
| **dot1dStpTopChanges** | Yes | Counter32 |
| **dot1dStpDesignatedRoot** | Yes | BridgeId |
| **dot1dStpRootCost** | Yes | Integer32 |
| **dot1dStpRootPort** | Yes | Integer32 |
| **dot1dStpMaxAge** | Yes | Timeout |
| **dot1dStpHelloTime** | Yes | Timeout |
| **dot1dStpHoldTime** | Yes | Integer32 |
| **dot1dStpForwardDelay** | Yes | Timeout |
| **dot1dStpBridgeMaxAge** | Yes | Timeout |
| **dot1dStpBridgeHelloTime** | Yes | Timeout (read-only) |
| **dot1dStpBridgeForwardDelay** | Yes | Timeout (read-only) |

| RFC4188 dot1dStpPortTable (*dot1dStpPortGroup & dot1dStpPortGroup3*) Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot1dStpPort** | Yes | (KEY) Integer32 |
| **dot1dStpPortPriority** | Yes | (read-only) Integer32 |
| **dot1dStpPortState** | Yes | INTEGER |
| **dot1dStpPortEnable** | Yes | (read-only) INTEGER |
| **dot1dStpPortPathCost** | Yes | (read-only) Integer32 |
| **dot1dStpPortDesignatedRoot** | Yes | BridgeId |
| **dot1dStpPortDesignatedCost** | Yes | Integer32 |
| **dot1dStpPortDesignatedBridge** | Yes | BridgeId |
| **dot1dStpPortDesignatedPort** | Yes | OCTET STRING |
| **dot1dStpPortForwardTransitions** | Yes | Counter32 |
| **dot1dStpPortPathCost32** | Yes | (read-only) Integer32 |

| RFC4188 dot1dTpFdbTable (*dot1dTpFdbGroup*) Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot1dTpFdbAddress** | Yes | (KEY) MacAddress |
| **dot1dTpFdbPort** | Yes | Integer32 |
| **dot1dTpFdbStatus** | Yes | INTEGER |

## P-BRIDGE-MIB (RFC2674)

This section identifies the RFC2674 MIB attributes and or tables that will be supported by the 3300 SNMP agent. The following tables and contained attributes apply to all Layer Two Switch external interfaces.

*Example:* For the MXe platform all external Layer Two Switch interfaces will have an entry into these tables. This logic applies to all of the platforms.

| RFC2674 MIB Support | |
| --- | --- |
| **RFC1493 MIB Group or Table** | **Supported Yes/No** |
| **dot1dExtBase** | Yes |
| **dot1dPriority** | No |
| **dot1dGarp** | No |
| **dot1dGmrp** | No |

| RFC2674 dot1dExtBase Scalar Object Support | | |
| --- | --- | --- |
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **dot1dDeviceCapabilities** | Yes | BITS |
| **dot1dTrafficClassesEnabled** | Yes | (read-only) TruthValue |
| **dot1dGmrpStatus** | Yes | EnabledStatus (read-only) default {2} |

| RFC2674 dot1dPortCapabilitiesTable Support | | |
| --- | --- | --- |
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot1dBasePort** | Yes | (KEY) INTEGER |
| **dot1dPortCapabilities** | Yes | BITS |

## EtherLike-MIB (RFC3635)

This section identifies the RFC3635 MIB attributes and or tables that will be supported by the 3300 SNMP agent. The following tables and contained attributes apply to all Layer Two Switch external interfaces.

*Example:* For the MXe platform all external Layer Two Switch interfaces will have an entry into these tables. This logic applies to all of the platforms.

| RFC3635 MIB Support | |
| --- | --- |
| **RFC1493 MIB Group or Table** | **Supported Yes/No** |
| **dot3StatsTable** | Yes |
| **dot3CollTable** | No |
| **dot3ControlTable** | No |
| **dot3PauseTable** | Yes |

| RFC3635 MIB Support | |
|---|---|
| **RFC1493 MIB Group or Table** | **Supported Yes/No** |
| **dot3HCStatsTable** | No |
| **dot3Tests** | No |

| RFC3635 dot3SatsTable Supported | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot3StatsIndex** | Yes | (KEY) InterfaceIndex |
| **dot3StatsAlignmentErrors** | Yes | Counter32 |
| **dot3StatsFCSErrors** | Yes | Counter32 |
| **dot3StatsSingleCollisionFrames** | Yes | Counter32 |
| **dot3StatsMultipleCollisionFrames** | Yes | Counter32 |
| **dot3StatsSQETestErrors** | Yes | Counter32 default {0} |
| **dot3StatsDeferredTransmissions** | Yes | Counter32 |
| **dot3StatsLateCollisions** | Yes | Counter32 |
| **dot3StatsExcessiveCollisions** | Yes | Counter32 |
| **dot3StatsInternalMacTransmitErrors** | Yes | Counter32 |
| **dot3StatsCarrierSenseErrors** | Yes | Counter32 default {0} |
| **dot3StatsFrameTooLongs** | Yes | Counter32 |
| **dot3StatsInteralMacReceiveErrors** | Yes | Counter32 |
| **dot3StatsEtherChipSet** | Yes | OBJECT IDENTIFIER default { 0 0 } |
| **dot3StatsSymbolErrors** | Yes | Counter32 |
| **dot3StatsDuplexStatus** | Yes | INTEGER |
| **dot3StatsRateControlAbility** | Yes | TruthValue |
| **dot3StatsRateControlStatus** | Yes | INTEGER |

| RFC3635 dot3PauseTable Supported | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot3StatsIndex** | Yes | (KEY) InterfaceIndex |
| **dot3PauseAdminMode** | Yes | INTEGER |
| **dot3PauseOperMode** | Yes | INTEGER |
| **dot3InPauseFrames** | Yes | Counter32 |
| **dot3OutPauseFrames** | Yes | Counter32 |

| RFC3635 dot3PauseTable Supported | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot3HCInPauseFrames** | Yes | Counter64<br>default {0} |
| **dot3HCOutPauseFrames** | Yes | Counter64<br>default {0} |

## RSTP-MIB (rfc4318)

This section identifies the RFC4318 MIB attributes and or tables that will be supported by the 3300 SNMP agent. The following tables and contained attributes apply to all Layer Two Switch external interfaces.

*Example:* For the MXe platform all external Layer Two Switch interfaces will have an entry into these tables. This logic applies to all of the platforms.

| RFC4318 MIB Support | |
|---|---|
| **RFC4318 MIB Group or Table** | Supported Yes/No |
| **rstpBridgeGroup** | No |
| **rstpPortGroup** | Yes |

| RFC4318 dot1dStpExtPortTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **dot1dStpPort** | Yes | (KEY) INTEGER |
| **dot1dStpPortProtocolMigration** | Yes | TruthValue (read-only)<br><br>default {2} |
| **dot1dStpPortAdminEdgePort** | Yes | TruthValue (read-only) |
| **dot1dStpPortOperEdgePort** | Yes | TruthValue |
| **dot1dStpPortAdminPointToPoint** | Yes | INTEGER (read-only) |
| **dot1dStpPortOperPointToPoint** | Yes | TruthValue |
| **dot1dStpPortAdminPathCost** | Yes | Integer32 (read-only) |

## RMON-MIB (RFC2819)

The Ethernet Statistics Group is the only group supported for this MIB.

| RFC2819 etherStatsTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **etherStatsIndex** | Yes | (KEY) Integer32 |
| **etherStatsDataSource** | Yes | OBJECT IDENTIFIER (ifIndex.x) |
| **etherStatsDropEvents** | Yes | Counter32 |
| **etherStatsOctets** | Yes | Counter32 |
| **etherStatsPkts** | Yes | Counter32 |
| **etherStatsBroadcastPkts** | Yes | Counter32 |
| **etherStatsMulticastPkts** | Yes | Counter32 |
| **etherStatsCRCAlignErrors** | Yes | Counter32 |
| **etherStatsOversizePkts** | Yes | Counter32 |
| **etherStatsFragments** | Yes | Counter32 |
| **etherStatsJabbers** | Yes | Counter32 |
| **etherStatsCollisions** | Yes | Counter32 |
| **etherStatsPkts64Octets** | Yes | Counter32 |
| **etherStatsPkts65to127Octets** | Yes | Counter32 |
| **etherStatsPkts128to255Octets** | Yes | Counter32 |
| **etherStatsPkts256to511Octets** | Yes | Counter32 |
| **etherStatsPkts512to1023Octets** | Yes | Counter32 |
| **etherStatsPkts1024to1518Octets** | Yes | Counter32 |
| **etherStatsOwner** | Yes | OwnerString (read-only) (See definition in rfc2819) |
| **etherStatsStatus** | Yes | EntryStatus (read-only) (valid(1), invalid(4)) |

## HOST-RESOURCES-MIB (RFC2790)

| RFC2790 HOST-RESOURCES-MIB Support | |
|---|---|
| **RFC2790  Group or Table** | **Supported Yes/No** |
| **hrSystemGroup** | Yes |
| **hrStorageGroup** | Yes |
| **hrDeviceGroup** | Yes |
| **hrSWRunGroup** | No |
| **hrSWRunPerfGroup** | Yes |
| **hrSWInstalledGroup** | No |
| **hrMIBAdminInfoGroup** | No |

| RFC2790 HOST-RESOURCES-MIB Scalar Object System Group Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **hrSystemUptime** | Yes | TimeTicks |
| **hrSystemDate** | Yes | DateAndTime |
| **hrSystemInitialLoadDevice** | Yes | Integer32 (1..2147483647) |
| **hrSystemInitialLoadParameters** | Yes | InternationalDisplayString (SIZE (0..128)) |
| **hrSystemNumUsers** | Yes | Gauge32 |
| **hrSystemProcesses** | Yes | Gauge32 |
| **hrSystemMaxProcesses** | Yes | Integer32 |

| RFC2790 HOST-RESOURCES-MIB Scalar Object Storage Group Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **hrMemorySize** | Yes | KBytes |

| RFC2790 HOST-RESOURCES-MIB hrStorageTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrStorageIndex** | Yes | (KEY) Integer32 |
| **hrStorageType** | Yes | AutonomousType |
| **hrStorageDescr** | Yes | DisplayString |
| **hrStorageAllocationUnits** | Yes | Integer32 |
| **hrStorageSize** | Yes | Integer32 |
| **hrStorageUsed** | Yes | Integer32 |
| **hrStorageAllocationFailures** | Yes | Counter32 |

| RFC2790 HOST-RESOURCES-MIB hrDeviceTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrDeviceType** | Yes | AutonomousType |
| **hrDeviceDescr** | Yes | DisplayString |
| **hrDeviceID** | Yes | ProductID |
| **hrDeviceStatus** | Yes | INTEGER |
| **hrDeviceErrors** | Yes | Counter32 |
| **hrStorageAllocationFailures** | Yes | Counter32 |

| RFC2790 HOST-RESOURCES-MIB hrProcessorTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrProcessorFrwID** | Yes | ProductID |
| **hrProcessorLoad** | Yes | Integer32 |

| RFC2790 HOST-RESOURCES-MIB hrNetworkTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrNetworkIfIndex** | Yes | InterfaceIndexOrZero |

| RFC2790 HOST-RESOURCES-MIB hrPrinterTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrPrinterStatus** | Yes | INTEGER |
| **hrPrinterDetectedErrorState** | Yes | OCTET STRING |

| RFC2790 HOST-RESOURCES-MIB hrDiskStorageTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrDiskStorageAccess** | Yes | INTEGER |
| **hrDiskStorageMedia** | Yes | INTEGER |
| **hrDiskStorageRemoveble** | Yes | TruthValue |
| **hrDiskStorageCapacity** | Yes | KBytes |

| RFC2790 HOST-RESOURCES-MIB hrPartitionTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrDeviceIndex** | Yes | (KEY) Integer32 |
| **hrPartitionIndex** | Yes | (KEY) Integer32 |
| **hrPartitionLabel** | Yes | InternationalDisplayString |
| **hrPartitionID** | Yes | OCTET STRING |
| **hrPartitionSize** | Yes | KBytes |
| **hrPartitionFSIndex** | Yes | Integer32 |

| RFC2790 HOST-RESOURCES-MIB hrFSTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrFSIndex** | Yes | (KEY) Integer32 |
| **hrFSMountPoint** | Yes | InternationalDisplayString |
| **hrFSRemoteMountPoint** | Yes | InternationalDisplayString |
| **hrFSType** | Yes | AutonomousType |
| **hrFSAccess** | Yes | INTEGER |
| **hrFSBootable** | Yes | TruthValue |
| **hrFSStorageIndex** | Yes | Integer32 |
| **hrFSLastFullBackupDate** | Yes | DateAndTime |
| **hrFSLastPartialBackupDate** | Yes | DateAndTime |

| RFC2790 HOST-RESOURCES-MIB hrRunPerfTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **hrSWRunIndex** | Yes | (KEY) Integer32 |
| **hrSWRunPerfCPU** | Yes | Integer32 (0..2147483647) |
| **hrSWRunPerfMem** | Yes | KBytes |

## MITEL-BCM-MIB
This MIB module is a Mitel enterprise MIB (see

Appendix A: MITEL-BCM-MIB Module on page 116).  It only applies to the 3300 CXi and MXe platforms that support the Broadcom Switch sub-system.  The main purpose for this MIB is to provide further statistics specifically for Broadcom based Ethernet switch sub-systems.

| MITEL-BCM-MIB MIB support | |
|---|---|
| **MITEL-BCM-MIB Group or Table** | **Supported Yes/No** |
| **mitelBCMPortGroup** | Yes |
| **mitelBCMChipGroup** | Yes |

| MITEL-BCM-MIB mitelBCMChipGroup Scalar Object Support | | |
|---|---|---|
| **MIB Attribute (Scalar Objects)** | **Supported Y/N** | **Notes:** |
| **mitelBCMChipCount** | Yes | INTEGER |

| MITEL-BCM-MIB mitelBCMPortTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **mitelBCMPortIndex** | Yes | (KEY) InterfaceIndex |
| **mitelBCMPortRxSAChanges** | Yes | Counter32 |
| **mitelBCMPortRxLastSA** | Yes | PhysAddress |

| MITEL-BCM-MIB mitelBCMChipTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **mitelBCMChipIndex** | Yes | (KEY) Integer32 |
| **mitelBCMChipBIST** | Yes | BITS |
| **mitelBCMChipRev** | Yes | DisplayString |
| **MitelBCMChipType** | Yes | INTEGER |

## MITEL-Ipera VoiceLAN-MIB: Shutdown/Restart Traps and Trap Suppression

In order to prevent erroneous fault trap generation and clearing, the 3300ICP employs a trap suppression algorithm that will prevent the system from generating fault traps until such time as the system is fully operational.  A *Restart Complete* trap is issued to indicate that the system is up and fully operational.

💡 **TIP:**  If after a reasonable amount of time the platform has not sent the *Restart Complete* trap, the monitoring management application should consider this an erroneous condition and indicate a fault.

Traps will be sent at the beginning and end of this process as follows:

**1.** If the system was reset via soft means, i.e. not a hard reset, then the platform will issue a *Shutdown Started* trap.

**2.** Once the system is up and fully functional, the platform will issue a *Restart Complete* trap.

**3.** Normal fault traps will be generated as required.

The suppression of traps is an isolated event, meaning that any connected peripherals or other 3300ICPs may generate fault traps outside the control of the restarting 3300ICP.

**TIP:** A monitoring management application could key on the *Shutdown Started* trap and *Restart Complete* trap to establish a filter for the reception of the other fault traps from peers while the 3300ICP is starting up.

The following system level diagram illustrates how software clients or hardware subsystems tie into the Application Shutdown Manager.
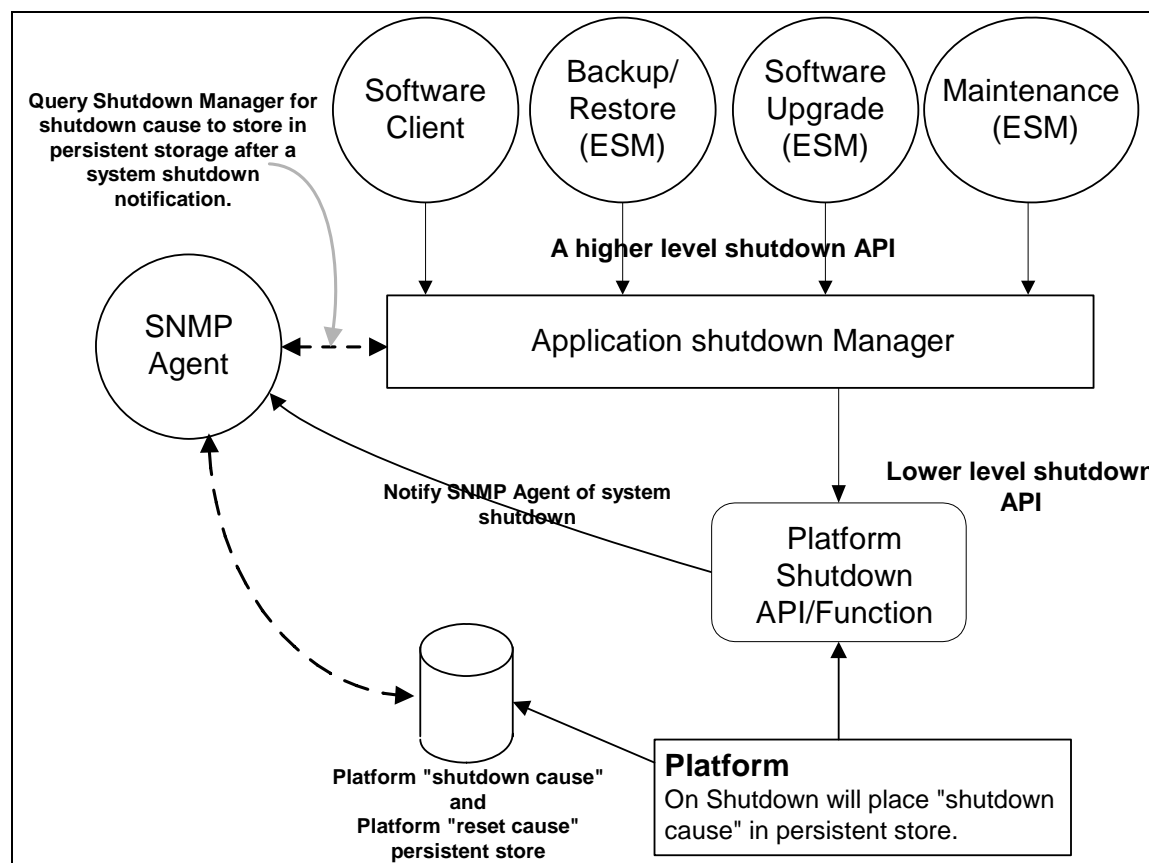
**System Shutdown Architecture**

The Application Shutdown Manager will provide a level of abstraction for applications that would like to shutdown the system under various situations.  A simple API is provided requiring a *Cause code* for the shutdown request.

The Platform will also issue its own shutdown under one of the following three circumstances:

1.  Resource Monitor Action

2.  Remote Alarm Button

3.  Component Failure

## New types
In order to provide the reasons for the 3300ICP shutdown, new data types were created in the MITEL-IperaVoiceLAN-MIB.  (Please refer to the latest MIB on your 3300ICP installation CD.)

## 3300ICP Shutdown Cause code:

("`MitelIpera3000ShutdownCause`" data type found in  the `MITEL-IperaVoiceLAN-MIB.`)

1.  Resource Low Shutdown (System reboot to reclaim resources.)

2.  Software Failure Shutdown (System reboot due to a serious software fault.)

3.  Hardware Failure Shutdown (System reboot because software was upgraded.)

4.  Software Upgrade Shutdown (System reboot because software was upgraded.)

5. Database Restore Shutdown (System reboot because a database was restored.)

6. Intermediate Shutdown (System reboot during startup because of a configuration change.)

7. L2 Switch Failure Shutdown (Layer 2 switch shutdown system to restore internal communications.)

8. Remote Alarm Button Shutdown (System reboot because user pressed remote alarm button.)

9. Programmed Reboot Shutdown (A programmed reboot was scheduled and took place.)

10. Load Command Reboot (A reload of IP device 1 was requested by the user at the maintenance interface.)

11. Shutdown Cause Not Reported

## 3300 ICP Reset Cause code:

("`MitelIpera3000ResetCause`" data type found in the `MITEL-IperaVoiceLAN-MIB`.)

1. Push Button Reset (The reset button on the chassis was pushed.)

2. Software Initiated Reset (The software in the system requested a reset.)

3. System Fault Reset (Reset because controller power was interrupted.)

4. Unknown Reset (Reset cause is unknown.)

### New scalars
The following scalar objects are required to provide the proper information for the startup/shutdown traps.  Complete definitions for the following scalars can be found in the latest "mitelIpera3000mib" file found on your 3300ICP installation CD.

## Trap Alarm Shutdown Cause:

("`mitelIpera3000TrapAlmShutdownCause`" scalar object found in MIB `module MITEL-IperaVoiceLAN-MIB` in the "mitelIpera3000mib" file.)

This object, when used in the Shutdown trap, will define the last known shutdown cause. This shutdown is the last orderly shutdown of the system.  For example, if the system shutdown due to a power outage, then the value of this object would not have meaning.  It is important to not confuse this with the "3300ICP Reset Cause code".  The data type that this object represents is the "3300ICP Shutdown Cause Code" described on page 74.

💡 **TIP:** It should be noted that an "SNMP Get" on this object will always return an integer value of 11 or *Shutdown Cause Not Reported*.

## Trap Alarm Shutdown Detailed Cause:

("`mitelIpera3000TrapAlmShutdownDetailedCause`" scalar object found in MIB module MITEL-IperaVoiceLAN-MIB in the "mitelIpera3000mib" file.)

This object, when used in the Shutdown trap, will define the detailed reason for the last shutdown.  The detailed reasons are listed as follows:

1. Resources Low Shutdown (System reboot to reclaim resources.)

2. Software Component Failure Shutdown (System reboot due to a serious software fault.)

3. Software Upgraded Shutdown (System reboot because software was upgraded.)

**75**

4. Database Restore Shutdown  (System reboot because a database was restored.)

5. Intermediate Shutdown (System reboot during startup because of a configuration change.)

6. L2 Switch Failure Shutdown (Layer 2 switch shutdown system to restore internal communications.)

7. Remote Alarm Button Shutdown (System reboot because user pressed remote alarm button.)

8. Soft Restart (System reboot because call control issues a soft restart.)

9. Call Control Programmed Reboot (By programmed reboot in CC like a scheduled reboot.)

10. Call Control Hardware Trap *(By hardware trap in CC.)*

11. Call Control Software Trap *(By software trap in CC.)*

12. Call Control LOAD Command *(By LOAD command in CC.)*

13. Call Control Disk Failure *(Because of disk failure.)*

14. Call Control Hardware Reset *(By hardware reset in CC.)*

15. Call Control Memory Fragmentation (Because of memory fragmentation in CC.)

16. Call Control VxWorks Task Does Not Exist *(Because VxWorks task does not exist.)*

17. Call Control VxWorks Task Suspended *(Because VxWorks task is suspended.)*

18. Call Control VxWorks Task Not Responding *(Because VxWorks task is not responding.)*

19. Call Control VxWorks Restart (Because of unknown VxWorks restart.)

20. Call Control Unkown Process *(By unknown process.)*

21. Shutdown Cause Not Reported (Shutdown cause not reported.)

## Alarm Reset Cause:

("`mitelIpera3000AlmResetCause`" scalar object found in MIB  module `MITEL-IperaVoiceLAN-MIB` in the "`mitelIpera3000mib`" file.)

This object is a read-only object that contains the last known Reset cause, as best as can be determined by the platform.  The actual reset cause codes are described on page 75.

## Alarm Reset Cause BITS:

("`mitelIpera3000AlmResetCauseBITS`" scalar object found in MIB  module `MITEL-IperaVoiceLAN-MIB` in the "`mitelIpera3000mib`" file.)

This object is a read-only object that contains a bit mapping of the Reset sources, as best determined by the platform.  Multiple bits may be set at the same time.  The description for the Reset bits are shown in the following tabel:

| Bits starting from the least significant bit | Reset Cause |
|---|---|
| 0 | Hard Reset |
| 1 | Soft Reset |
| 2 | Bus Monitor Reset |
| 3 | CPU Software Watchdog Reset |

| Bits starting from the least significant bit | Reset Cause |
|---|---|
| 4 | Check Stop Reset |
| 5 | JTAG Reset |
| 6 | CPLD Watchdog Reset |
| 7 | Power On Reset |
| 8 | Software Reset |
| 9 | Push Button Reset |

If a bit is set, then that reason is responsible for the system reset.  However, combinations of bits set are possible.  If an "SNMP Get" on this object returns a value that results in multiple bits set, then most typically the most significant bit set is the reason for the Reset.  Some examples are:

- 0x0003 – External hard reset

- 0x0010 – Check stop reset

- 0x0043 – CPLD watchdog reset

- 0x0100 – Software initiated reset no external reset asserted

- 0x0103 – Software initiated reset

- 0x0200 – Push button reset no external reset asserted

- 0x0203 – Push button reset.

## New traps

### Shutdown Alarm Trap:

("`mitelIpera3000ShutdownAlarm`" trap found in MIB module `MITEL-IperaVoiceLAN-MIB` in the "`mitelIpera3000mib`" file.)

Labeled as Mitel Trap #302, this trap contains the following three variables:

- sysName (see page 50)

- mitelIpera3000TrapAlmShutdownCause (see page 75)

- mitelIpera3000TrapAlmShutdownDetailedCause (see page 75).

### Restart Complete Alarm Trap:

("`mitelIpera3000RestartCompleteAlarm`" trap found in MIB module `MITEL-IperaVoiceLAN-MIB` in the "`mitelIpera3000mib`" file.)

Labeled as Mitel Trap #303, this trap contains the following three variables:

- sysName (see page 50)

- mitelIpera3000AlmResetCause (see page 76)

- and mitelIpera3000AlmResetCauseBITS (see page 76)

## MITEL-ERN

This MIB module is a Mitel enterprise MIB. It applies to all 3300ICP platforms.

The 3300 ICP can be configured to send emergency response notification (ERN) of emergency calls to one Mitel Emergency Response Adviser (ER Adviser). The ER Adviser can escalate the severity of an emergency call by notifying interested parties that an emergency call has been placed. ER Adviser is notified of an emergency call at the same time as Emergency Staff (with designated consoles and/or devices) receive local notification of emergency calls (if programmed).

### *SNMP Trap Generation & Acknowledgement*

The 3300 ICP uses SNMP trap notifications to notify ER Adviser of an emergency call. In order for the system to send SNMP traps to ER Adviser, the emergency call route must be designated as "E" (Emergency) in the Route Assignment form. You designate this emergency route type as part of the Customer Emergency Services ID (CESID) programming that must be completed to support the Emergency Services feature.

The SNMP agent will continue to attempt notification even after the emergency call is terminated. Due to the retry mechanism, ER Adviser may receive notification after the emergency call is completed. ER Adviser sends acknowledgement of the notification to the 3300 ICP using an SNMP-Set Acknowledgement.

Upon initiation of an emergency call on the system, the 3300 ICP sends an ERN SNMP Trap to ER Adviser (if programmed) and expects an SNMP-Set Acknowledgement from ER Adviser. If no acknowledgement is received on a trap instance within approximately 0.5 seconds, the SNMP agent resends the ERN SNMP Trap and continues to wait for an SNMP-Set Acknowledgement. For each additional retry, the interval is doubled until the maximum interval of 60 seconds is reached. The 3300 ICP continues to retry until it receives an acknowledgement from ER Adviser, or 2 hours has elapsed after the initial Trap was sent. The 3300 ICP generates a log when it receives an acknowledgement from ER Adviser and also if it does not receive acknowledgement after the maximum number of notification retries.

**Note:** If multiple emergency calls have been placed, multiple ERN SNMP Traps may be sent to ER Adviser. If ER Adviser has not acknowledged any ERN SNMP Traps for 5 minutes, the retry intervals are combined and determined by the shortest interval of all existing ERN SNMP Trap retries (which, at this point, would be 60 seconds). Once ER Adviser acknowledges an ERN SNMP Trap, the retry interval returns to being determined by the number of retries attempted.

## ERN Traps

Emergency Response Notification Trap:


("mitelCsErNotification" trap found in MIB module MITEL-ERN in the "MITEL-ERN" file.)

Labeled as Mitel Trap #401, this trap contains eleven variables:

```
mitelCsErNotification TRAP-TYPE

        ENTERPRISE mitelCsEmergencyResponse

        VARIABLES {
```

```
            sysName,

            mitelCsErSeqNumber,

            mitelCsErCallType,

            mitelCsErDetectTime,

            mitelCsErCallingDN,

            mitelCsErCallingPNI,

            mitelCsErCesidDigits,

            mitelCsErDialledDigits,

            mitelCsErRegistrationDN,

            mitelCsErUnackTableIndex,

            mitelCsErUnackTableToken

         }

--              STATUS  mandatory

        DESCRIPTION

            "This notification is generated whenever

            an emergency call condition is detected. The

            manager is expected to ...."

        ::= 401 -- "201" "301" being used by alarms trap
```

The 3300 ICP sends the following information in the ERN SNMP Trap to ER Adviser:

- System Identifier
  Uniquely identifies the system responding to the emergency call.  This is the name of the responding system as configured in the SNMP Configuration form.

- IP Address of the PBX Node
  The IP address of the RTC.  For the MXe Server, this will be the System IP address.

- ERN Sequence Number
  An incrementing number from 1, used for correlating the retry logs.

- ERN Call Type
  Indicates that the call is an emergency call.

- Detect Date & Time
  The date and time (with seconds) that the emergency call was initiated.  This information matches the date and time in the SMDR record; however the SMDR record does not include the seconds.  If the clock cannot be read, this field contains asterisks.

- Caller's Digits
  The DN of the device used to place the emergency call.  These digits correspond to the ANI digits that are provided to the Public Safety Anwering Point (PSAP).  When a hot desk user is currently logged in to a hot desk device on the system, these digits are the

hot-desk user's DN (mobile DN)--not those of the device itself (registration DN). However, if the device is designated as a Hot Desk device but no user is logged in, these digits are the DN of the device (registration DN).

Under most circumstances, the caller's digits are the same as those that appear in the calling party field of the SMDR record (when SMDR is enabled); however, if an ACD Agent is logged in, the ANI provided to the network and the caller's digits provided in the ER notification represent the DN of the device, while the SMDR record identifies the agent ID.

- Caller's PNI
  The Primary Node ID for the caller (if applicable).

- CESID
  The CESID that is programmed in the CESID Assignment form, for the device from which the emergency call is placed. Depending on the configuration of the PBX and the type of device that is making the emergency call, this field may not have a value.

- Dialed Digits
  The digits that are sent on the outgoing trunk after digit modification has been performed. For example, when a caller dials "911", the digits reported in this field are "911". After the SNMP emergency notification trap is generated, the SMDR record can be used to determine the actual destination digits.

- Registration DN (Hot Desk device only)
  If a hot desk user is logged in to a Hot Desk device and has placed an emergency call from the device, then this field contains the associated Registration DN (of the device the user is logged in to). This field is not provided when a log-in is not active on the device.

## MITEL-BWM-MIB

This MIB module is a Mitel enterprise MIB. It applies to all 3300ICP platforms. This MIB provides statistical support for the telephony Bandwidth Management Feature in the 3300ICP.

| MITEL-BWM-MIB MIB Support | |
|---|---|
| **MITEL-BWM-MIB Group or Table** | **Supported Yes/No** |
| **mitelBWMCurrentStatisticsGroup** | Yes |
| **mitelBWMCumulativeStatisticsGroup** | Yes |
| **mitelBWMHistoricalStatisticsGroup** | Yes |

| MITEL-BWM-MIB mitelBWMCurrentTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **mitelBWMCurrentZoneID** | Yes | (KEY) MitelBWMZoneID |
| **mitelBWMCurrentParentZone** | Yes | (KEY) MitelBWMZoneID |
| **mitelBWMCurrentZAPID** | Yes | (KEY) MitelBWMZAPID |
| **mitelBWMCurrentZAPLabel** | Yes | DisplayString |
| **mitelBWMCurrentBandwidthInUse** | Yes | Gauge32 |
| **mitelBWMCurrentBandwidthLimit** | Yes | Gauge32 |
| **mitelBWMCurrentBandwidthRatio** | Yes | MitelBWMPercentage |

| MITEL-BWM-MIB mitelBWMCumCACTable Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| mitelBWMCumZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWMCumParentZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWMCumZAPID | Yes | (KEY) MitelBWMZAPID |
| mitelBWMCumZAPLabel | Yes | DisplayString |
| mitelBWMCumCACAdmissions | Yes | Counter32 |
| mitelBWMCumCACRejections | Yes | Counter32 |
| mitelBWMCumCACRejectionRatio | Yes | MitelBWMPercentage |

| MITEL-BWM-MIB mitelBWM15MinHistoryTable Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| mitelBWM15MinZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWM15MinParentZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWM15MinZAPID | Yes | (KEY) MitelBWMZAPID |
| mitelBWM15MinDateAndTime | Yes | DateAndTime |
| mitelBWM15MinZAPLabel | Yes | DisplayString |
| mitelBWM15MinCACAdmissions | Yes | Counter32 |
| mitelBWM15MinCACRejections | Yes | Counter32 |
| mitelBWM15MinCACRejectionRatio | Yes | MitelBWMPercentage |
| mitelBWM15MinAverageBandwidthUsed | Yes | Gauge32 |
| mitelBWM15MinPeakBandwidthUsed | Yes | Gauge32 |
| mitelBWM15MinAverageAvailable | Yes | Gauge32 |
| mitelBWM15MinFinalBandwidthLimit | Yes | Gauge32 |
| mitelBWM15MinPeakBandwidthRatio | Yes | MitelBWMPercentage |
| mitelBWM15MinPeakBwdthAboveLimit | Yes | Gauge32 |

| MITEL-BWM-MIB mitelBWM24HrHistoryTable Support | | |
|---|---|---|
| MIB Attribute | Supported Y/N | Notes: |
| mitelBWM24HrZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWM24HrParentZoneID | Yes | (KEY) MitelBWMZoneID |
| mitelBWM24HrZAPID | Yes | (KEY) MitelBWMZAPID |
| mitelBWM24HrDateAndTime | Yes | DateAndTime |
| mitelBWM24HrZAPLabel | Yes | DisplayString |
| mitelBWM24HrCACAdmissions | Yes | Counter32 |
| mitelBWM24HrCACRejections | Yes | Counter32 |

| MITEL-BWM-MIB mitelBWM24HrHistoryTable Support | | |
|---|---|---|
| **MIB Attribute** | **Supported Y/N** | **Notes:** |
| **mitelBWM24HrCACRejectionRatio** | Yes | MitelBWMPercentage |
| **mitelBWM24HrAverageBandwidthUsed** | Yes | Gauge32 |
| **mitelBWM24HrPeakBandwidthUsed** | Yes | Gauge32 |
| **mitelBWM24HrAverageAvailable** | Yes | Gauge32 |
| **mitelBWM24HrFinalBandwidthLimit** | Yes | Gauge32 |
| **mitelBWM24HrPeakBandwidthRatio** | Yes | MitelBWMPercentage |
| **mitelBWM24HrPeakBwdthAboveLimit** | Yes | Gauge32 |

# MIB Interface Descriptions for 3300ICP Variants

The following sections describe how the data from the Ethernet like interfaces of the 3300ICP platform interact with the MIB Interface Tables and associated objects.

The descriptions that follow denote a specific personality of the 3300ICP (e.g. MXe, LX, etc.). These different platforms can be, in some cases, different hardware running a core piece of software or the same base hardware component with different hardware options.

Each description includes a diagram that shows which Ethernet-like interface ports of the specific 3300ICP interact with the various MIB tables and objects. The following will help you correctly interpret the diagrams (using the 3300 MxE Platform as an example):

- all interface ports interact with the MIB tables and objects below the dashed line (IfTable and IfXTable)

- interface ports 1 and 2 interact additionally with the MIB tables and objects above the dashed line

- the MIPS WAN port interacts additionally with the following MAU-MIB tables:

  - ifMAUTable

  - ifMauAutoNegTable

  - ifJackTable

## 3300 MXe Platform



**IfIndex**

| | |
|---|---|
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | PPC (1) SW Port |
| 4 | PPC (2) SW Port |
| 5 | E2T (1) SW Port |
| 6 | E2T (2) SW Port |
| 7 | MMC-A+ (1) SW Port |
| 8 | MMC-A+ (2) SW Port |
| 9 | MMC-A+ (3) SW Port |
| 10 | APC SW Port |
| 11 | MIPS SW Port |
| 12 | PPC (1) |
| 13 | PPC (2) |
| 14 | E2T (1) |
| 15 | E2T (2) |
| 16 | MIPS |
| 17 | MIPS WAN |
| 18 | APC |
| 19 | MCC Dev0 |
| 20 | MCC Dev1 |
| 21 | MCC Dev2 |
| 22 | MCC Dev3 |
| 23 | MCC Dev4 |

**ifMauTable (rfc3636)**
ifMauIfIndex
ifMauIndex
ifMauType
ifMauStatus
ifMauMediaAvailable
ifMauMediaAvailableStateExists
ifMauJabberState
ifMauJabberingStateEnters
ifMauFalseCarriers
ifMauAutoNegSupported
ifMauTypeListBits
ifMauHCFalseCarriers

**ifJackTable (rfc3636)**
ifJackIndex
ifJackType

**ifMauAutoNegTable (rfc3636)**
ifMauAutoNegAdminStatus
ifMauAutoNegRemoteSignaling
ifMauAutoNegConfig
ifMauAutoNegCapability
ifMauAutoNegCapAdvertised
ifMauAutoNegCapReceived
ifMauAutoNegRestart
ifMauAutoNegCapabilityBits
ifMauAutoNegCapAdvertisedBits
ifMauAutoNegCapReceivedBits
ifMauAutoNegRemoteFaultAdvertised
ifMauAutoNegRemoteFaultReceived

**dot1dBasePortTable (rfc4188)**
dot1dBasePort
dot1dBasePortIfIndex
dot1dBasePortCircuit
dot1dBasePortDelayExceededDiscards
dot1dBasePortMtuExceededDiscards

**dot3PauseTable (rfc3635)**
dot3PauseAdminMode
dot3PauseOperMode
dot3InPauseFrames
dot3OutPauseFrames
dot3HCInPauseFrames
dot3HCOutPauseFrames

**IfTable (rfc2863)**
ifIndex
ifDescr
ifType
ifMtu
ifSpeed
ifPhysicalAddress
ifAdminStatus
ifOperStatus
ifLastChange
ifInOctets
ifInUcastPkts
ifInNUcastPkts
ifInDiscards
ifInErrors
ifInUnkownProtos
ifOutOctets
ifOutUcastPkts
ifOutNUcastPkts
ifOutDiscards
ifOutErrors
ifOutQLen
ifSpecific

**IfXTable (rfc2863)**
ifName
ifInMulticastPkts
ifInBroadcastPkts
ifOutMulticastPkts
ifOutBroadcastPkts
ifHCInOctets
ifHCInUcastPkts
ifHCInMulticastPkts
ifHCInBroadcastPkts
ifHCOutOctets
ifHCOutUcastPkts
ifHCOutMulticastPkts
ifHCOutBroadcastPkts
ifLinkUpDownTrapEnable
ifHighSpeed
ifPromiscuousMode
ifConnectorPresent
ifAlias
ifCounterDiscontinuityTime

**dot1dStpPortTable (rfc4188)**
dot1dStpPort
dot1dStpPortPriority
dot1dStpPortState
dot1dStpPortEnable
dot1dStpPortPathCost
dot1dStpPortDesignatedRoot
dot1dStpPortDesignatedCost
dot1dStpPortDesignatedBridge
dot1dStpPortDesignatedPort
dot1dStpPortForwardTransitions
dot1dStpPortPathCost32

**dot1dPortCapabilitiesTable (rfc2674)**
dot1dStpPortCapabilities

**dot3StatsTable (rfc3635)**
dot3StatsIndex
dot3StatsAlignmentErrors
dot3StatsFCSErrors
dot3StatsSingleCollisionFrames
dot3StatsMultipleCollisionFrames
dot3StatsSQETestErrors
dot3StatsDeferredTransmissions
dot3StatsLateCollisions
dot3StatsExcessiveCollisions
dot3StatsInternalMacTransmitErrors
dot3CarrierSenseErrors
dot3StatsFrameTooLongs
dot3StatsInternalMacReceiveErrors
dot3StatsEtherChipSet
dot3StatsSymbolErrors
dot3StatsDuplexStatus
dot3StatsRateControlAbility
dot3StatsRateControlStatus

**mitelBCMChipGroup (MITEL-BCM-MIB)**
mitelBCMChipCount

**mitelBCMPortTable (MITEL-BCM-MIB)**
mitelBCMPortIndex
mitelBCMPortRxSAChanges
mitelBCMPortRxLastSA

**dot1dStpBridgeGroup (rfc4188)**
*scalar objects*
dot1dStpProtocolSpecification
dot1dStpPriority
dot1dStpTimesSinceTopologyChange
dot1dStpTopChanges
dot1dStpDesignatedRoot
dot1dStpRootCost
dot1dStpRootPort
dot1dStpMaxAge
dot1dStpHelloTime
dot1dStpHoldTime
dot1dStpForwardDelay
dot1dStpBridgeMaxAge
dot1dStpBridgeHelloTime
dot1dStpBridgeForwardDelay

**dot1dExtBase (rfc2674)**
*scalar objects*
dot1dDeviceCapabilities
dot1dTrafficClassesEnabled
dot1dGmrpStatus

**dot1dBaseBridgeGroup (rfc4188)**
*scalar objects*
dot1dBaseBridgeAddress
dot1dBaseNumPorts
dot1dBaseType

**dot1dStpExtPortTable (rfc4318)**
dot1dStpPortProtocolMigration
dot1dStpPortAdminEdgePort
dot1dStpPortOperEdgePort
dot1dStpPortAdminPointToPoint
dot1dStpPortOperPointToPoint
dot1dStpPortAdminPathCost

**mitelBCMChipTable (MITEL-BCM-MIB)**
mitelBCMChipIndex
mitelBCMChipBIST
mitelBCMChipRev
mitelBCMChipType

**dot1dTpFdbTable (rfc4188)**
dot1dTpFdbAddress
dot1dTpFdbPort
dot1dTpFdbStatus

**3300 Platform MXe Interface Statistics**

### *Interface Description and RFC2863*

The following information describes how the Ethernet like interfaces of the 3300 MXe platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform MXe | |
|---|---|
| **Interface** | **Description** |
| Port (1..2) | These are the External Layer Two Ethernet Switch Ports. |
| PPC SW Ports (1..2) | These interfaces connect directly to the Real Time Complex card's Power PC processor. These interfaces are ports off the Layer Two Switch. |

| Interface description of 3300 Platform MXe | |
|---|---|
| **Interface** | **Description** |
| E2T SW Port (1..2) | These interfaces connect directly to the E2T card's Power PC processor. These interfaces are ports off the Layer Two Switch. |
| MMCA+ SW Port(1..3) | These interfaces connect directly to the MMC expansion slots. These interfaces are ports off the Layer Two Switch. |
| APC SW Port | This interface connects directly to the ETX (Application Processor Card) mini PC card. This interface is a port off the Layer Two Switch. |
| MIPS SW Port | This interface connects directly to the MIPS (Layer Two subsystem processor) processor. This interface is a port off the Layer Two Switch. |
| PPC (1..2) | These interfaces are the interfaces directly on the Real Time Complex card's Power PC Processor. |
| E2T (1..2) | These interfaces are the interfaces directly on the E2T card's Power PC Processor. |
| MIPS | This interface is the interface directly on the MIPS (Layer Two subsystem processor) processor. |
| MIPS WAN | This interface is an interface directly on the MIPS processor that is used for WAN (Wide Area Network) connectivity. |
| APC | This interface is the interface directly off the ETX (Application Processor Card) mini PC card. |
| MCC Dev(0..4) | These interfaces are internal interfaces between the Power PC and the NSUs. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 1 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | (Internal port) SW to RTC's PowerPC processor (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | (Internal port) SW to RTC's PowerPC processor (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | (Internal port) SW to E2T's PowerPC processor (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | (Internal port) SW to E2T's PowerPC processor (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 7 | (Internal port) SW to MMCA+ expansion slot (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | (Internal port) SW to MMCA+ expansion slot (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| -----------<br>**++9** | (Internal port) SW to MMCA+ expansion slot (3) | ethernetCsmacd(6) | [up(1), down(2)] |
| 10 | (Internal port) SW to ETX card | ethernetCsmacd(6) | [up(1), down(2)] |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 11 | (Internal port) SW to MIPS processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 12 | (Internal port) RTC's PowerPC to SW (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 13 | (Internal port) RTC's PowerPC to SW (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 14 | (Internal port) E2T's PowerPC to SW (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 15 | (Internal port) E2T's PowerPC to SW (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 16 | (Internal port) MIPS processor to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 17 | (External port) MIPS WAN | ethernetCsmacd(6) | [up(1), down(2)] |
| 18 | (Internal port) APC interface to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 19 | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 20 | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 21 | (Internal port) MCC Dev2 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 22 | (Internal port) MCC Dev3 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 23 | (Internal port) MCC Dev4 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | Port PPC 1 |
| 4 | Port PPC 2 |
| 5 | Port E2T 1 |
| 6 | Port E2T 2 |
| 7 | Port MMCA+ 1 |
| 8 | Port MMCA+ 2 |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 9 | Port MMCA+ 3 |
| 10 | Port APC |
| 11 | Port MIPS |
| 12 | RTC motfec0 |
| 13 | RTC motfec1 |
| 14 | E2T motfec0 |
| 15 | E2T motfec1 |
| 16 | MIPS eth1.x |
| 17 | MIPS eth0 |
| 18 | APC eth0 |
| 19 | RTC mccdev0 |
| 20 | RTC mccdev1 |
| 21 | RTC mccdev2 |
| 22 | RTC mccdev3 |
| 23 | RTC mccdev4 |

## Non-supported Interfaces for the MXe platform

There are a number of interfaces that do not have statistics support.  The following lists the interfaces not supported:

| Non-supported interfaces on the MXe platform | | |
|---|---|---|
| Interface Index (ifIndex) | Interface suggested ifName | Interface Label |
| 14 | E2T motfec0 | E2T (1) |
| 15 | E2T motfec1 | E2T (2) |
| 16 | MIPS eth1.x | MIPS |
| 17 | MIPS eth0 | MIPS WAN |
| 18 | APC eth0 | APC |

From a SNMP manager's perspective; if the application were to do a MIB walk on the ifTable of the IF-MIB module, there would be a gap between values returned from ifIndex 13 to ifindex 19.  A SNMP GET request on any one of the unsupported interfaces would result in a error response of *noSuchName/V1*, *noSuchObject* or *noSuchInstance/V2*.

It should also be noted that the interfaces 19 through 23 will only be represented in the tables if the device is installed in the platform.

## 3300 LX Platform

**IfIndex**

1  Port 1
2  Port 2
3  Port 3
4  Port 4
5  RTC SW Port
6  E2T SW Port
7  RTC
8  E2T
9  MCC Dev0
10 MCC Dev1
11 MCC Dev2
12 MCC Dev3

**ifMauTable (rfc3636)**
ifMauIfIndex
ifMauIndex
ifMauType
ifMauStatus
ifMauMediaAvailable
ifMauMediaAvailableStateExists
ifMauJabberState
ifMauJabberingStateEnters
ifMauFalseCarriers
ifMauAutoNegSupported
ifMauTypeListBits
ifMauHCFalseCarriers

**ifJackTable (rfc3636)**
ifJackIndex
ifJackType

**dot1dBasePortTable (rfc4188)**
dot1dBasePort
dot1dBasePortIfIndex
dot1dBasePortCircuit
dot1dBasePortDelayExceededDiscards
dot1dBasePortMtuExceededDiscards

**dot3PauseTable (rfc3635)**
dot3PauseAdminMode
dot3PauseOperMode
dot3InPauseFrames
dot3OutPauseFrames
dot3HCInPauseFrames
dot3HCOutPauseFrames

**dot1dTpFdbTable (rfc4188)**
dot1dTpFdbAddress
dot1dTpFdbPort
dot1dTpFdbStatus

**dot1dStpPortTable (rfc4188)**
dot1dStpPort
dot1dStpPortPriority
dot1dStpPortState
dot1dStpPortEnable
dot1dStpPortPathCost
dot1dStpPortDesignatedRoot
dot1dStpPortDesignatedCost
dot1dStpPortDesignatedBridge
dot1dStpPortDesignatedPort
dot1dStpPortForwardTransitions
dot1dStpPortPathCost32

**dot3StatsTable (rfc3635)**
dot3StatsIndex
dot3StatsAlignmentErrors
dot3StatsFCSErrors
dot3StatsSingleCollisionFrames
dot3StatsMultipleCollisionFrames
dot3StatsSQETestErrors
dot3StatsDeferredTransmissions
dot3StatsLateCollisions
dot3StatsExcessiveCollisions
dot3StatsInternalMacTransmitErrors
dot3CarrierSenseErrors
dot3StatsFrameTooLongs
dot3StatsInternalMacReceiveErrors
dot3StatsEtherChipSet
dot3StatsSymbolErrors
dot3StatsDuplexStatus
dot3StatsRateControlAbility
dot3StatsRateControlStatus

**dot1dStpBridgeGroup (rfc4188)**
*scalar objects*
dot1dStpProtocolSpecification
dot1dStpPriority
dot1dStpTimeSinceTopologyChange
dot1dStpTopChanges
dot1dStpDesignatedRoot
dot1dStpRootCost
dot1dStpRootPort
dot1dStpMaxAge
dot1dStpHelloTime
dot1dStpHoldTime
dot1dStpForwardDelay
dot1dStpBridgeMaxAge
dot1dStpBridgeHelloTime
dot1dStpBridgeForwardDelay

**dot1dBaseBridgeGroup (rfc4188)**
*scalar objects*
dot1dBaseBridgeAddress
dot1dBaseNumPorts
dot1dBaseType

**IfTable (rfc2863)**
ifIndex
ifDescr
IfType
ifMtu
ifSpeed
ifPhysicalAddress
ifAdminStatus
ifOperStatus
ifLastChange
ifInOctets
ifInUcastPkts
ifInNUcastPkts
ifInDiscards
ifInErrors
ifInUnkownProtos
ifOutOctets
ifOutUcastPkts
ifOutNUcastPkts
ifOutDiscards
ifOutErrors
ifOutQLen
ifSpecific

**IfXTable (rfc2863)**
ifName
ifInMulticastPkts
ifInBroadcastPkts
ifOutMulticastPkts
ifOutBroadcastPkts
ifHCInOctets
ifHCInUcastPkts
ifHCInMulticastPkts
ifHCInBroadcastPkts
ifHCOutOctets
ifHCOutUcastPkts
ifHCOutMulticastPkts
ifHCOutBroadcastPkts
ifLinkUpDownTrapEnable
ifHighSpeed
ifPromiscuousMode
ifConnectorPresent
ifAlias
ifCounterDiscontinuityTime

**3300 Platform LX Interface Statistics**

### Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 LX platform are laid out in the interface and like tables of RFC2863.  Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform LX | |
|---|---|
| **Interface** | **Description** |
| Port (1..4) | These are the External Layer Two Ethernet Switch Ports. |
| RTC SW Port | This interface connects directly to the Real Time Complex Power PC processor.  This interface is a port off the Layer Two Switch. |
| E2T SW Port | This interface connects directly to the E2T card's Power PC processor.  This interface is a port off the Layer Two Switch. |
| RTC | This interface is the interface directly on the Real Time Complex Power PC Processor. |
| E2T | This interface is the interface directly on the E2T Power PC Processor. |
| MCC Dev(0..3) | These interfaces are internal interfaces between the Real Time Complex Power PC and the NSUs. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| ifIndex | ifDescr | ifType | IfOperStatus |
| 1 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | (Internal port) SW to RTC's PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | (Internal port) SW to E2T's PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 7 | (Internal port) RTC's PowerPC to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | (Internal port) E2T's PowerPC to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 9 | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 10 | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 11 | (Internal port) MCC Dev2 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 12 | (Internal port) MCC Dev3 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | Port 3 |
| 4 | Port 4 |
| 5 | Port RTC |
| 6 | Port E2T |
| 7 | RTC motfec0 |
| 8 | E2T motfec0 |
| 9 | RTC mccdev0 |
| 10 | RTC mccdev1 |
| 11 | RTC mccdev2 |
| 12 | RTC mccdev3 |

## Non-supported Interfaces for the LX platform

There are a number of interfaces that do not have statistics support. The following lists the interfaces not supported:

| Non-supported interfaces on the LX platform | | |
|---|---|---|
| **Interface Index (ifIndex)** | **Interface suggested ifName** | **Interface Label** |
| **8** | E2T motfec0 | E2T |

From a SNMP manager's perspective; if the application were to do a MIB walk on the ifTable of the IF-MIB module, there would be a gap between values returned from ifIndex 7 to ifindex 9. A SNMP GET request on any one of the unsupported interfaces would result in a error response of *noSuchName/V1*, *noSuchObject* or *noSuchInstance/V2*.

It should also be noted that the interfaces 9 through 12 will only be represented in the tables if the device is installed in the platform.

## Differences between the Conformance Statement and supported attributes

Although the SNMP agent supports all groups defined in the Conformance Statement (see page 36), an SNMP GET request on those tables that do not contain a relevant instance will return a *noSuchName/V1*, *noSuchInstance*, or *noSuchObject/V2*.

## Attributes not supported by the LX L2 hardware

The LX L2 hardware will only be able to support a specific subset of object attributes listed. As a whole, a collection of object attributes within a group of objects that are supported as described in the Conformance Statement, must be implemented by the agent. However, since the hardware does not support a number of attributes, the values returned from those objects queried will be a default value or, where a full table is not supported, responses of *noSuchName/V1*, *noSuchInstance*, or *noSuchObject/V2*.

| Attributes not supported, within a supported Group, by the LX L2 hardware (exceptions are noted) | |
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| **RFC1213** *(All objects supported except)* | |
| sysUptime | 0 |
| **RFC4188** *(All objects supported except)* | |
| dot1dBasePortMtuExceededDiscards | 0 |
| dot1dStpTimeSinceTopologyChange | 0 |
| dot1dStpTopChanges | 0 |
| dot1StpPortForwardTransitions | 0 |
| **RFC2863** *(All objects supported except)* | |
| ifLastChange | 0 |
| ifInUnknownProtos | 0 |
| ifHCInOctets | 0 |

| Attributes not supported, within a supported Group, by the LX L2 hardware (exceptions are noted) ||
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| ifHCOutOctets | 0 |
| ifCounterDiscontinuityTime | 0 |
| **RFC3635** *(Supported objects noted)* | |
| **dot3StatsTable – per port basis** | |
| dot3StatsAlignmentErrors | 0 |
| dot3StatsFCSErrors | 0 |
| dot3StatsSingleCollisionFrames | 0 |
| dot3StatsMultipleCollisionFrames | 0 |
| dot3StatsSQETestErrors | 0 |
| dot3StatsDeferredTransmissions | 0 |
| dot3StatsLateCollisions[1] | polled from L2 subsystem |
| dot3StatsExcessiveCollisions | 0 |
| dot3StatsInternalMacTransmitErrors | 0 |
| dot3StatsFrameTooLongs | 0 |
| dot3StatsInternalMacReceiveErrors[1] | polled from L2 subsystem |
| dot3StatsEtherChipSet | { 0 0 } |
| dot3StatsSymbolErrors | 0 |
| dot3StatsDuplexStatus[1] | polled from L2 subsystem |
| dot3StatsRateControlAbility | 0 |
| dot3StatsRateControlStatus | 0 |
| **dot3PauseTable - per port basis** | |
| dot3PauseAdminMode[1] | polled from L2 subsystem |
| dot3PauseOperMode[1] | polled from L2 subsystem |
| dot3InPauseFrames | 0 |
| dot3OutPauseFrames | 0 |
| dot3HCInPauseFrames | 0 |
| dot3HCOutPauseFrames | 0 |
| **RFC3636** *(Supported objects noted)* | |
| **ifMauTable - per port basis** | |
| ifMautype | { 0 0 } |
| ifMauStatus | 2 |
| ifMauMediaAvailable | 2 |
| ifMauMediaAvailableStateExists | 0 |

---

[1] Available for LX layer-2 switch.

| Attributes not supported, within a supported Group, by the LX L2 hardware (exceptions are noted) ||
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| ifMauJabberState | 2 |
| ifMauJabberingStateEnters | 0 |
| ifMauFalseCarriers | 0 |
| ifMauTypeList | 0 |
| ifMauDefaultType | { 0 0 } |
| ifMauAutoNegSupported[1] | polled from L2 subsystem |
| ifMauTypeListBits[1] | polled from L2 subsystem |
| ifMauHCFalseCarriers | 0 |

## 3300 Lite Platform
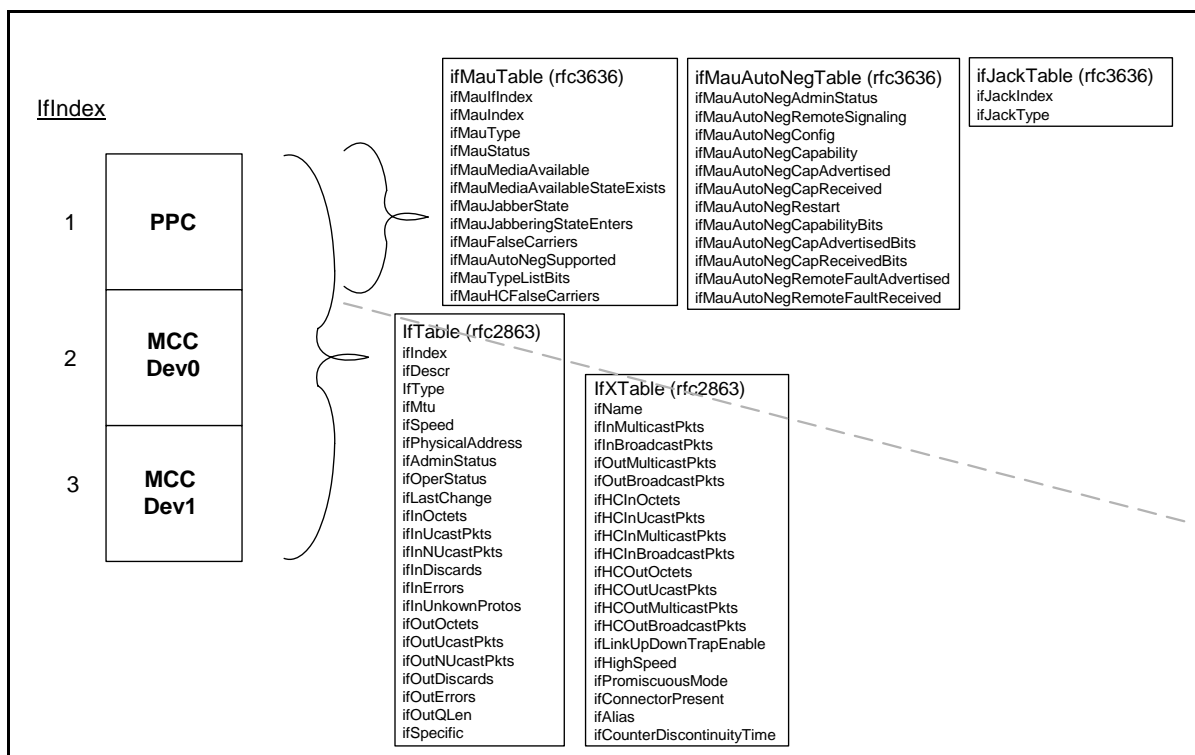


**3300 Lite Platform Interface Statistics**

📝 **Note:** The 3300 Lite Platform does not currently support the MAU-MIB (RFC3636).

### Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 Lite platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform Lite | |
|---|---|
| **Interface** | **Description** |
| RTC | This interface is the interface directly on the Real Time Complex Power PC Processor. |
| MCC Dev(0..1) | These interfaces are internal interfaces between the Real Time Complex Power PC and the NSUs. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| ifIndex | ifDescr | ifType | IfOperStatus |
| 1 | (External port) RTC's PowerPC | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 3 | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 1 | RTC motfec0 |
| 2 | RTC mccdev0 |
| 3 | RTC mccdev1 |

## Differences between the Conformance Statement and supported attributes

Although the SNMP agent supports all groups defined in the Conformance Statement (see page 36), an SNMP GET request on those tables that do not contain a relevant instance will return a *noSuchName/V1*, *noSuchInstance*, or *noSuchObject/V2*.

## 3300 MX Platform``



**3300 Platform MX Interface Statistics**

📝 **Note:** The 3300 MX Platform does not currently support the MAU-MIB (RFC3636).

### Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 MX platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

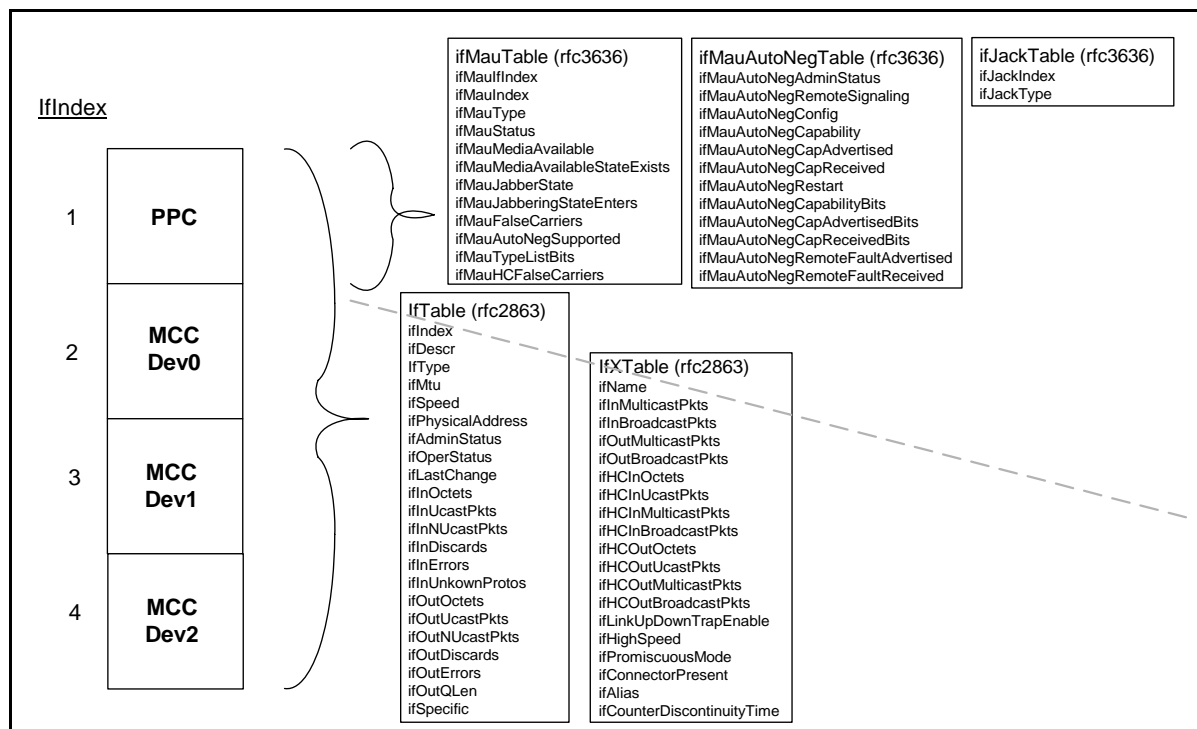| Interface description of 3300 Platform MX | |
|---|---|
| **Interface** | **Description** |
| RTC | This interface is the interface directly on the Real Time Complex Power PC Processor. |
| MCC Dev(0..2) | These interfaces are internal interfaces between the Real Time Complex Power PC and the NSUs. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| **1** | (External port) RTC's PowerPC | ethernetCsmacd(6) | [up(1), down(2)] |
| **2** | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| **3** | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| **4** | (Internal port) MCC Dev2 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |

| MIB attribute ifName values for the ifXTablee | |
|---|---|
| **ifIndex** | **ifName** |
| **1** | RTC motfec0 |
| **2** | RTC mccdev0 |
| **3** | RTC mccdev1 |
| **4** | RTC mccdev2 |

## *Differences between the Conformance Statement and supported attributes*

Although the SNMP agent supports all groups defined in the Conformance Statement (see page 36), an SNMP GET request on those tables that do not contain a relevant instance will return a *noSuchName/V1*, *noSuchInstance*, or *noSuchObject/V2*.

## 3300 CXi Platform
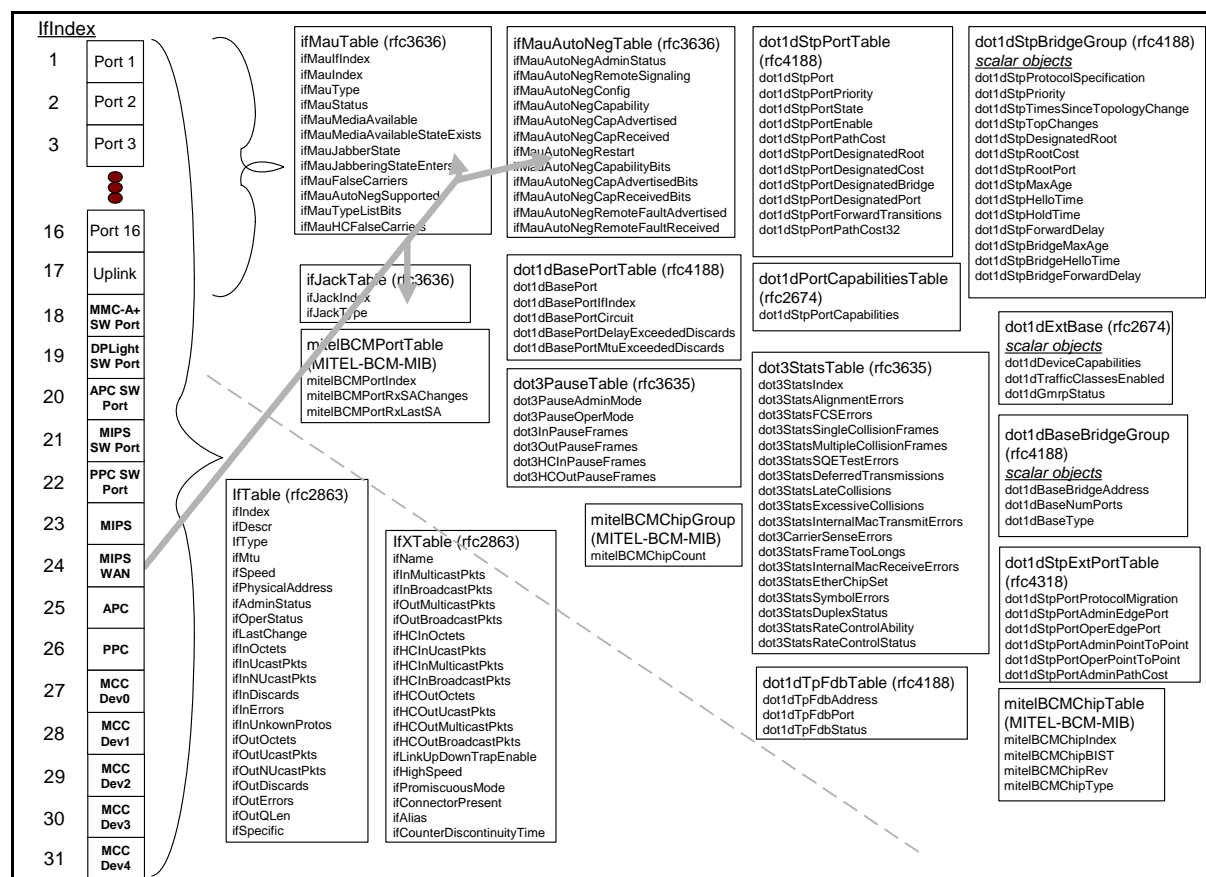


**3300 Platform CXi Interface Statistics**

### *Interface Description and RFC2863*

The following information describes how the Ethernet like interfaces of the 3300 CXi platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform CXi | |
|---|---|
| **Interface** | **Description** |
| Port (1..16) | These are the External Layer Two Ethernet Switch Ports. |
| Uplink | This is the 1 gigabit Ethernet Port that is intended to connect to the high speed Ethernet port on a 3rd party switch. |
| MMCA+ SW Port | This interface connects directly to the MMC expansion slot. This interface is a port off the Layer Two Switch. |
| DPLite SW Port | This interface connects directly to the DPLite signal processor. This interface is a port off the Layer Two Switch. |
| APC SW Port | This interface connects directly to the ETX (Application Processor Card) mini PC card. This interface is a port off the Layer Two Switch. |
| MIPS SW Port | This interface connects directly to the MIPS (Layer Two subsystem processor) |

| Interface description of 3300 Platform CXi | |
|---|---|
| **Interface** | **Description** |
| | processor. This interface is a port off the Layer Two Switch. |
| PPC SW Port | This interface connects directly to the Power PC processor. This interface is a port off the Layer Two Switch. |
| MIPS | This interface is the interface directly on the MIPS (Layer Two subsystem processor) processor. |
| MIPS WAN | This interface is an interface directly on the MIPS processor that is used for WAN (Wide Area Network) connectivity. |
| APC | This interface is the interface from the ETX (Application Processor Card) mini PC card. |
| PPC | This interface is the interface directly on the Power PC Processor. |
| MCC Dev(0..4) | These interfaces are internal interfaces between the Power PC and the NSUs. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 1 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 7 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 9 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 10 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 11 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 12 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 13 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 14 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 15 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 16 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 17 | External Layer Two Ethernet Switch Port (UpLink 1G) | ethernetCsmacd(6) | [up(1), down(2)] |
| 18 | (Internal port) SW to MMC expansion slot | ethernetCsmacd(6) | [up(1), down(2)] |
| 19 | (Internal port) SW to DPLite signaling processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 20 | (Internal port) SW to APC card | ethernetCsmacd(6) | [up(1), down(2)] |
| 21 | (Internal port) SW to MIPS processor | ethernetCsmacd(6) | [up(1), down(2)] |

| Expected values in the ifTable | | | |
|---|---|---|---|
| ifIndex | ifDescr | ifType | IfOperStatus |
| 22 | (Internal port) SW to PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 23 | MIPS processor to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 24 | (External port) MIPS WAN | ethernetCsmacd(6) | [up(1), down(2)] |
| 25 | (Internal port) APC card to SW | ethernetCsmacd(6) | [up(1), down(2) , notPresent(6)] |
| 26 | (Internal port) PowerPC to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 27 | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 28 | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 29 | (Internal port) MCC Dev2 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 30 | (Internal port) MCC Dev3 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |
| 31 | (Internal port) MCC Dev4 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | Port 3 |
| 4 | Port 4 |
| 5 | Port 5 |
| 6 | Port 6 |
| 7 | Port 7 |
| 8 | Port 8 |
| 9 | Port 9 |
| 10 | Port 10 |
| 11 | Port 11 |
| 12 | Port 12 |
| 13 | Port 13 |
| 14 | Port 14 |
| 15 | Port 15 |
| 16 | Port 16 |
| 17 | Port 17 |
| 18 | Port MMC-A+ |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| **19** | Port DPlite |
| **20** | Port APC |
| **21** | Port MIPS |
| **22** | Port PPC |
| **23** | MIPS eth1.x |
| **24** | MIPS eth0 |
| **25** | APC eth0 |
| **26** | motfec0 |
| **27** | mccdev0 |
| **28** | mccdev1 |
| **29** | mccdev2 |
| **30** | mccdev3 |
| **31** | mccdev4 |

## *Non-supported Interfaces for the CXi platform*

There are a number of interfaces that do not have statistics support.  The following lists the interfaces not supported:

| Non- supported interfaces on the CXi platform | | |
|---|---|---|
| **Interface Index (ifIndex)** | **Interface suggested ifName** | **Interface Label** |
| 19 | Port DPlite | DPLite SW Port |
| 23 | MIPS eth1.x | MIPS |
| 24 | MIPS eth0 | MIPS WAN |
| 25 | APC eth0 | APC |

From a SNMP manager's perspective; if the application were to do a MIB walk on the ifTable of the IF-MIB module, there would be a gap between values returned from ifIndex 22 to ifindex 26.  A SNMP GET request on any one of the unsupported interfaces would result in a error response of *noSuchName/V1*, *noSuchObject* or *noSuchInstance/V2*.

It should also be noted that the interfaces 27 through 31 will only be represented in the tables if the device is installed in the platform.

## 3300 CX Platform
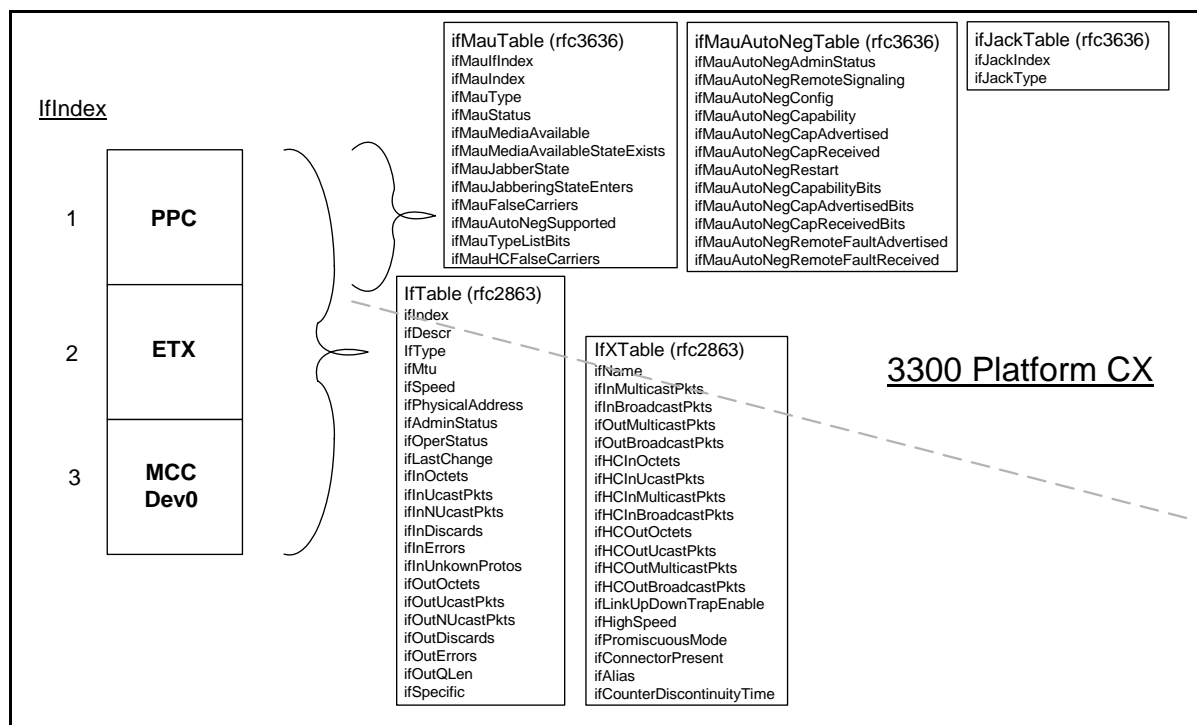


**3300 Platform CX Interface Statistics**

📝 **Note:** The ETX interface is not represented in the MAU_MIB (RFC3636) for the 3300 CX platform.

📝 **Note:** The 3300 CX Platform does not currently support the MAU-MIB (RFC3636).

### Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 CX platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform CX | |
|---|---|
| **Interface** | **Description** |
| PPC | This interface is the interface directly on the Power PC Processor. |
| ETX | This interface is the Ethernet interface directly on the ETX mini PC option card. |
| MCC Dev0 | This interface is internal interface between the Power PC and the NSU. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| **1** | (External port) PowerPC | ethernetCsmacd(6) | [up(1), down(2)] |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| **2** | (External port) ETX | ethernetCsmacd(6) | [up(1), down(2)] |
| **3** | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2) , notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| **1** | PPC motfec0 |
| **2** | ETX eth0 |
| **3** | PPC mccdev0 |

## Differences between the Conformance Statement and supported attributes

Although the SNMP agent supports all groups defined in the Conformance Statement (see page 36), an SNMP GET request on those tables that do not contain a relevant instance will return a *noSuchName/V1*, *noSuchInstance*, or *noSuchObject/V2*.

## 3300 AX Platform
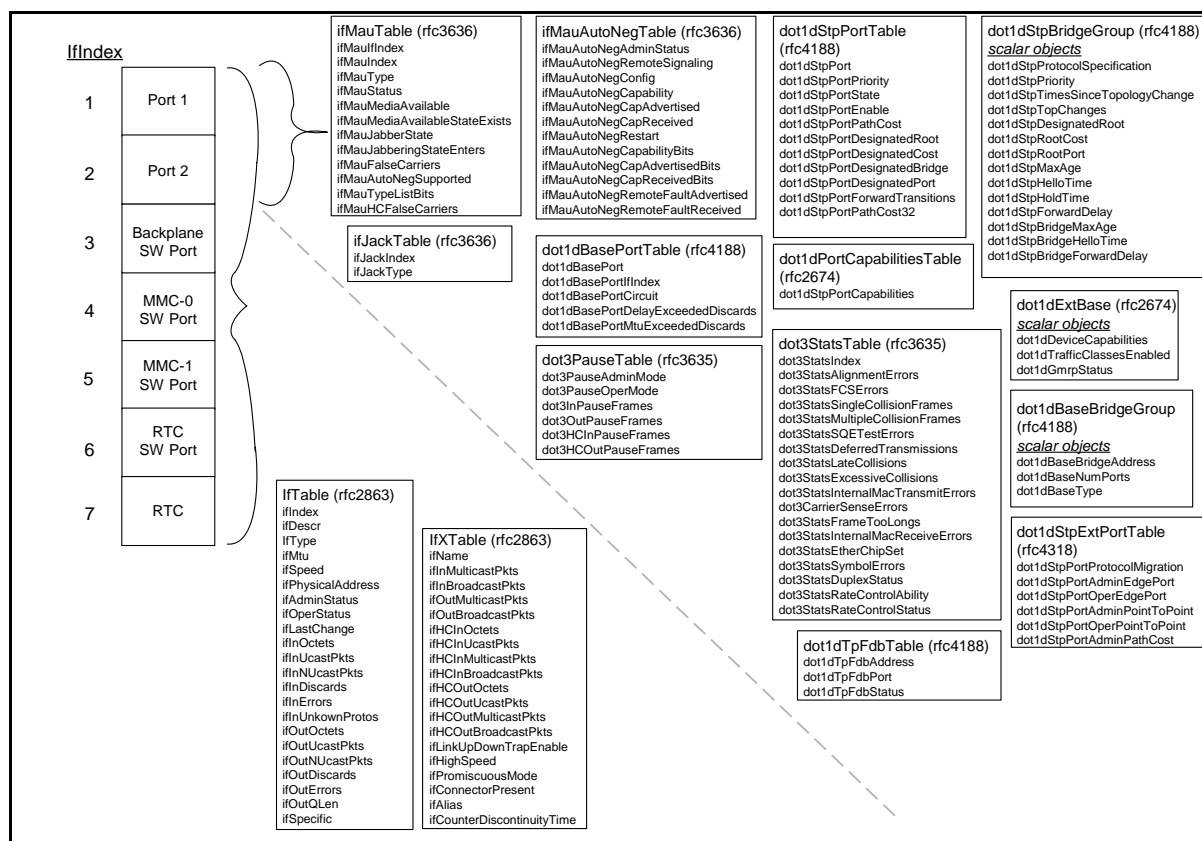


**3300 Platform AX Interface Statistics**

### Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 AX platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform AX | |
|---|---|
| **Interface** | **Description** |
| Port (1..2) | These are the External Layer Two Ethernet Switch Ports. |
| Backplane SW Port | "(Internal Port) SW to Backplane"  (this goes to Card Slot 1) |
| MMC-(0..1) SW Ports | "(Internal Ports) SW to MMCs expansion slots" |
| RTC SW Port | This interface connects directly to the Power PC processor.  This interface is a port off the Layer Two Switch. |
| RTC | This interface is the interface directly on the Real Time Complex card's Power PC Processor. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| **1** | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| **2** | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| **3** | (Internal Port) SW to Backplane  (this goes to Card Slot 1) | ethernetCsmacd(6) | [up(1), down(2)] |
| **4** | (Internal port) SW to MMC 0 interface | ethernetCsmacd(6) | [up(1), down(2)] |
| **5** | (Internal port) SW to MMC 1 interface | ethernetCsmacd(6) | [up(1), down(2)] |
| **6** | (Internal port) SW to RTC's PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |
| **7** | (Internal port) RTC's PowerPC processor to SW | ethernetCsmacd(6) | [up(1), down(2)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| **1** | Port 1 |
| **2** | Port 2 |
| **3** | Backplane SW Port |
| **4** | MMC-0 SW Port |
| **5** | MMC-1 SW Port |
| **6** | RTC SW Port |
| **7** | RTC |

## Attributes not supported by the AX L2 Hardware

There will be a number of attributes that will not be supported.  The following table lists the attributes not supported.

| Attributes not supported by the AX L2 hardware | |
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| **RFC4188** *(All objects supported except)* | |
|     dot1dBasePortMtuExceededDiscards | 0 |
| **RFC2863** *(All objects supported except)* | |
|     ifInUcastPkts | 0 |
|     ifNUcastPkts | 0 |
|     ifInDiscards | 0 |
|     ifInErrors | 0 |
|     ifOutUcastPkts | 0 |
|     ifOutNUcastPkts | 0 |
|     ifOutDiscards | 0 |

| Attributes not supported by the AX L2 hardware | |
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| ifOutErrors | 0 |
| ifInMulticastPkts | 0 |
| ifInBroadcastPkts | 0 |
| ifOutMulticastPkts | 0 |
| ifOutBroadcastPkts | 0 |
| ifHCInOctets | 0 |
| ifHCOutOctets | 0 |
| **RFC2819** *(All objects supported except)* | |
| etherStatsPkts | 0 |
| etherStatsBroadcastPkts | 0 |
| etherStatsMulticastPkts | 0 |
| etherStatsUndersizePkts | 0 |
| etherStatsOversizePkts | 0 |
| etherStatsFragments | 0 |
| etherStatsJabbers | 0 |
| etherStatsPkts64Octets | 0 |
| etherStatsPkts65to127Octets | 0 |
| etherStatsPkts128to255Octets | 0 |
| etherStatsPkts256to511Octets | 0 |
| etherStatsPkts512to1023Octets | 0 |
| etherStatsPkts1024to1518Octets | 0 |
| **RFC3635** *(All objects supported except)* | |
| dot3StatsTable – per port basis | |
| dot3StatsAlignmentErrors | 0 |
| dot3StatsSingleCollisionFrames | 0 |
| dot3StatsMultipleCollisionFrames | 0 |
| dot3StatsDeferredTransmissions | 0 |
| dot3StatsLateCollisions | 0 |
| dot3StatsExcessiveCollisions | 0 |
| dot3StatsInternalMacTransmitErrors | 0 |
| dot3StatsFrameTooLongs | 0 |
| dot3StatsInternalMacReceiveErrors | 0 |
| dot3StatsSymbolErrors | 0 |
| dot3PauseTable - per port basis | |
| dot3InPauseFrames | 0 |

| Attributes not supported by the AX L2 hardware | |
|---|---|
| **MIB Attributes** | **Value returned on a GET request:** |
| dot3OutPauseFrames | 0 |
| **MITEL-BCM-MIB** *(All objects supported except)* | |
| mitelBCMRxSAChanges | 0 |
| mitelBCMRxLastSA | 0 |

## 3300 MXe-CD Platform



**3300 Platform MXe-CD Interface Statistics**

## Interface Description and RFC2863

The following information describes how the Ethernet like interfaces of the 3300 MXe-CD platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform MXe-CD | |
|---|---|
| **Interface** | **Description** |
| Port (1..2) | These are the External Layer Two Ethernet Switch Ports. |
| PPC SW Ports (1..2) | These interfaces connect directly to the Real Time Complex card's Power PC processor. These interfaces are ports off the Layer Two Switch. |
| E2T SW Port (1..2) | These interfaces connect directly to the E2T card's Power PC processor. These interfaces are ports off the Layer Two Switch. |
| MMCA+ SW Port(1..3) | These interfaces connect directly to the MMC expansion slots. These interfaces are ports off the Layer Two Switch. |
| APC SW Port | This interface connects directly to the ETX (Application Processor Card) mini PC card. This interface is a port off the Layer Two Switch. |
| MIPS SW Port | This interface connects directly to the MIPS (Layer Two subsystem processor) processor. This interface is a port off the Layer Two Switch. |
| PPC (1..2) | These interfaces are the interfaces directly on the Real Time Complex card's Power PC Processor. |
| E2T (1..2) | These interfaces are the interfaces directly on the E2T card's Power PC Processor. |
| MIPS | This interface is the interface directly on the MIPS (Layer Two subsystem processor) processor. |
| MIPS WAN | This interface is an interface directly on the MIPS processor that is used for WAN (Wide Area Network) connectivity. |
| APC | This interface is the interface directly off the ETX (Application Processor Card) mini PC card. |
| MCC Dev(0..4) | These interfaces are internal interfaces between the Power PC and the NSUs. |
| APC V1 and V2 | These are virtual interfaces on the ETX (Application Processor Card) mini PC card. |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 1 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | (Internal port) SW to RTC's PowerPC processor (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | (Internal port) SW to RTC's PowerPC processor (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | (Internal port) SW to E2T's PowerPC processor (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | (Internal port) SW to E2T's PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |

| Expected values in the ifTable | | | |
|---|---|---|---|
| ifIndex | ifDescr | ifType | IfOperStatus |
| | (2) | | |
| 7 | (Internal port) SW to MMCA+ expansion slot (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | (Internal port) SW to MMCA+ expansion slot (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 9 | (Internal port) SW to MMCA+ expansion slot (3) | ethernetCsmacd(6) | [up(1), down(2)] |
| 10 | (Internal port) SW to ETX card | ethernetCsmacd(6) | [up(1), down(2)] |
| 11 | (Internal port) SW to MIPS processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 12 | (Internal port) RTC's PowerPC to SW (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 13 | (Internal port) RTC's PowerPC to SW (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 14 | (Internal port) E2T's PowerPC to SW (1) | ethernetCsmacd(6) | [up(1), down(2)] |
| 15 | (Internal port) E2T's PowerPC to SW (2) | ethernetCsmacd(6) | [up(1), down(2)] |
| 16 | (Internal port) MIPS processor to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 17 | (External port) MIPS WAN | ethernetCsmacd(6) | [up(1), down(2)] |
| 18 | (Internal port) APC interface to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 19 | (Internal port) MCC Dev0 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 20 | (Internal port) MCC Dev1 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 21 | (Internal port) MCC Dev2 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 22 | (Internal port) MCC Dev3 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 23 | (Internal port) MCC Dev4 interface off PowerPC processor | hdlc (118) | [up(1), down(2), notPresent(6)] |
| 24 | (Virtual port) APC V1 | ethernetCsmacd(6) | [up(1), down(2)] |
| 25 | (Virtual port) APC V2 | ethernetCsmacd(6) | [up(1), down(2)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | Port PPC 1 |
| 4 | Port PPC 2 |
| 5 | Port E2T 1 |
| 6 | Port E2T 2 |
| 7 | Port MMCA+ 1 |
| 8 | Port MMCA+ 2 |
| 9 | Port MMCA+ 3 |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| 10 | Port APC |
| 11 | Port MIPS |
| 12 | RTC motfec0 |
| 13 | RTC motfec1 |
| 14 | E2T motfec0 |
| 15 | E2T motfec1 |
| 16 | MIPS eth1.x |
| 17 | MIPS eth0 |
| 18 | APC eth0 |
| 19 | RTC mccdev0 |
| 20 | RTC mccdev1 |
| 21 | RTC mccdev2 |
| 22 | RTC mccdev3 |
| 23 | RTC mccdev4 |
| 24 | APC vx1 |
| 25 | APC vx2 |

## Non-supported Interfaces for the 3300 MXe-CD platform

There are a number of interfaces that do not have statistics support.  The following lists the interfaces not supported:

| Non-supported interfaces for the 3300 MXe-CD platform | | |
|---|---|---|
| **Interface Index (ifIndex)** | **Interface suggested ifName** | **Interface Label** |
| 12 | RTC motfec0 | PPC (1) |
| 13 | RTC motfec0 | PPC (2) |
| 14 | E2T motfec0 | E2T (1) |
| 15 | E2T motfec1 | E2T (2) |
| 16 | MIPS eth1.x | MIPS |
| 17 | MIPS eth0 | MIPS WAN |

From a SNMP manager's perspective; if the application were to do a MIB walk on the ifTable of the IF-MIB module, there would be a gap between values returned from ifIndex 11 to ifindex 18.  A SNMP GET request on any one of the unsupported interfaces would result in a error response of *noSuchName/V1*, *noSuchObject* or *noSuchInstance/V2*.

It should also be noted that the interfaces 19 through 23 will only be represented in the tables if the device is installed in the platform.

## 3300 CXi-II Platform
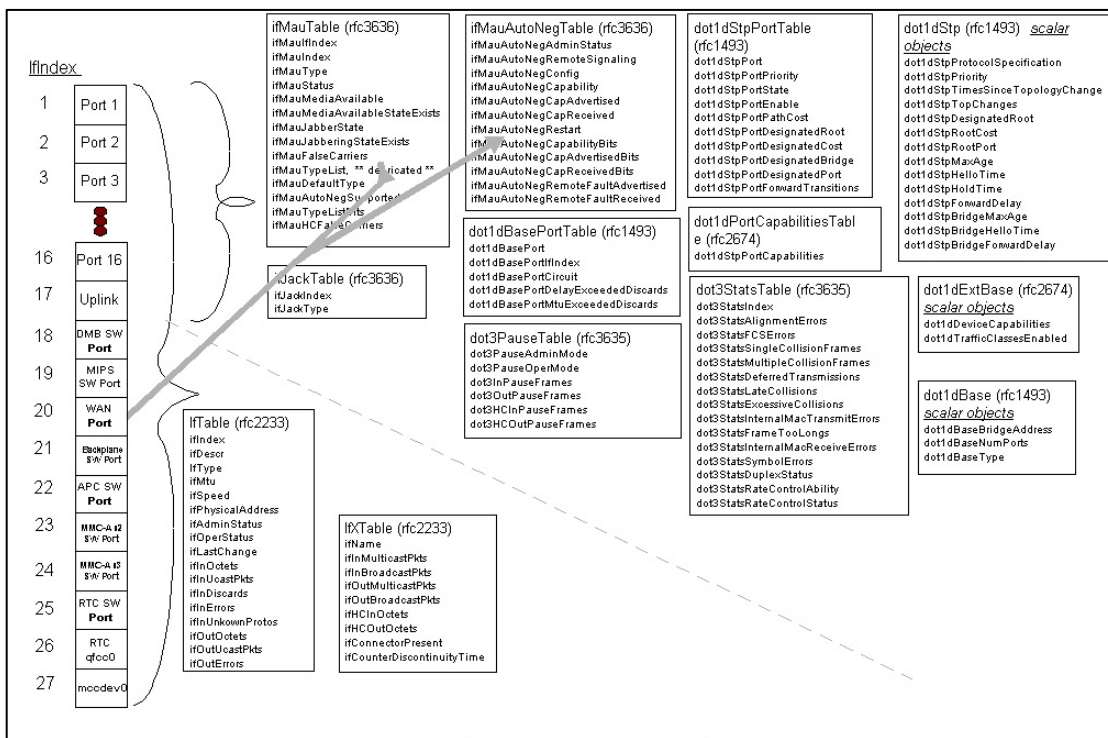


**3300 Platform CXi-II Interface Statistics**

### *Interface Description and RFC2863 (rfc2863 superceeds rfc2233)*

The following information describes how the Ethernet like interfaces of the 3300 Platform CXi-II are laid out in the interface and like tables of RFC2863.  Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform CXi-II | |
|---|---|
| **Interface** | **Description** |
| Port (1..16) | These are the External Layer Two Ethernet Switch Ports. |
| Uplink | This is the 1 gigabit Ethernet Port that is intended to connect to the high speed Ethernet port on a 3rd party switch. |
| DMB SW Port | (Internal Port) SW to Digital Main Board  (RJ45 connector)  This interface is a port off the Layer Two Switch. |
| MIPS SW Port | (Internal Port) SW to MIPS processor<br><br>This interface is a port off the Layer Two Switch. |
| WAN Port | External 10/100 WAN Port that is used for the purpose of WAN (Wide Area Network) connectivity. |
| Backplane SW Port | This interface connects directly to the MIPS (Layer Two subsystem processor) processor.  This interface is a port off the Layer Two Switch. |
| APC SW Port | (Internal Port) SW to APC card  (RJ45 connector)<br><br>This interface is a port off the Layer Two Switch. |

| Interface description of 3300 Platform CXi-II | |
|---|---|
| **Interface** | **Description** |
| MMC-A s2 SW Port | (Internal Port) SW to MMC-A expansion slot 2<br>This interface is a port off the Layer Two Switch. |
| MMC-A s3 SW Port | (Internal Port) SW to MMC-A expansion slot 3<br>This interface is a port off the Layer Two Switch. |
| RTC SW Port | (Internal Port) SW to RTC's PowerPC processor<br>This interface is a port off the Layer Two Switch. |
| RTC qefcc0 | (Internal Port) PowerPC to SW |
| mccdev0 | (Internal Port) MCC Dev0 interface off PowerPC processor |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 1 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 7 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 9 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 10 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 11 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 12 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 13 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 14 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 15 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 16 | External Layer Two Ethernet Switch Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 17 | External Layer Two Ethernet Switch Port (UpLink 1G) | ethernetCsmacd(6) | [up(1), down(2)] |
| 18 | (Internal Port) SW to Digital Main Board  (RJ45 connector) | ethernetCsmacd(6) | [up(1), down(2)] |
| 19 | (Internal Port) SW to MIPS processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 20 | External 10/100 WAN Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 21 | (Internal Port) SW to LAN  (RJ45 connector) | ethernetCsmacd(6) | [up(1), down(2)] |
| 22 | (Internal Port) SW to APC card  (RJ45 connector) | ethernetCsmacd(6) | [up(1), down(2)] |

| Expected values in the ifTable | | | |
|---|---|---|---|
| ifIndex | ifDescr | ifType | IfOperStatus |
| 23 | (Internal Port) SW to MMC-A expansion slot 2 | ethernetCsmacd(6) | [up(1), down(2)] |
| 24 | (Internal Port) SW to MMC-A expansion slot 3 | ethernetCsmacd(6) | [up(1), down(2)] |
| 25 | (Internal Port) SW to RTC's PowerPC processor" | ethernetCsmacd(6) | [up(1), down(2)] |
| 26 | (Internal Port) SW to PowerPC processor" | ethernetCsmacd(6) | [up(1), down(2)] |
| 27 | (Internal Port) MCC Interface Dev0 off PPC | hdlc (118) | [up(1), down(2), notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| ifIndex | ifName |
| 1 | Port 1 |
| 2 | Port 2 |
| 3 | Port 3 |
| 4 | Port 4 |
| 5 | Port 5 |
| 6 | Port 6 |
| 7 | Port 7 |
| 8 | Port 8 |
| 9 | Port 9 |
| 10 | Port 10 |
| 11 | Port 11 |
| 12 | Port 12 |
| 13 | Port 13 |
| 14 | Port 14 |
| 15 | Port 15 |
| 16 | Port 16 |
| 17 | Uplink |
| 18 | DMB SW Port |
| 19 | MIPS SW Port |
| 20 | WAN Port |

| MIB attribute ifName values for the ifXTable | |
| --- | --- |
| ifIndex | ifName |
| 21 | Backplane SW Port |
| 22 | APC SW Port |
| 23 | MMC-A s2 SW Port |
| 24 | MMC-A s3 SW Port |
| 25 | RTC SW Port |
| 26 | RTC qefcc0 |
| 27 | mccdev0 |

## CX-II Platform

IfIndex

| | |
|---|---|
| 1 | LAN Port |
| 2 | Reserved |
| 3 | APC SW Port |
| 4 | MMC-A s2 SW Port |
| 5 | MMC-A s3 SW Port |
| 6 | RTC SW Port |
| 7 | RTC qfcc0 |
| 8 | mccdev0 |

ifMauTable (rfc3636)
ifMauIfIndex
ifMauIndex
ifMauType
ifMauStatus
ifMauMediaAvailable
ifMauMediaAvailableState
ifMauJabberState
ifMauJabberingStateExists
ifMauFalseCarriers
ifMauTypeList, ** depricate
ifMauDefaultType
ifMauAutoNegSupported
ifMauTypeListBits
ifMauHCFalseCarriers

ifMauAutoNegTable (rfc3636)
ifMauAutoNegAdminStatus
ifMauAutoNegRemoteSignaling
ifMauAutoNegConfig
ifMauAutoNegCapability
ifMauAutoNegCapAdvertised
ifMauAutoNegCapReceived
ifMauAutoNegRestart
ifMauAutoNegCapabilityBits
ifMauAutoNegCapAdvertisedBits
ifMauAutoNegCapReceivedBits
ifMauAutoNegRemoteFaultAdvertised
ifMauAutoNegRemoteFaultReceived

ifJackTable (rfc3636)
ifJackIndex
ifJackType

3300 Platform CX-II

IfTable (rfc2233)
ifIndex
ifDescr
IfType
ifMtu
ifSpeed
ifPhysicalAddress
ifAdminStatus
ifOperStatus
ifLastChange
ifInOctets
ifInUcastPkts
ifInDiscards
ifInErrors
ifInUnkownProtos
ifOutOctets
ifOutUcastPkts
ifOutErrors

IfXTable (rfc2233)
ifName
ifInMulticastPkts
ifInBroadcastPkts
ifOutMulticastPkts
ifOutBroadcastPkts
ifHCInOctets
ifHCOutOctets
ifConnectorPresent
ifCounterDiscontinuityTime

**3300 Platform CX-II Interface Statistic**

### *Interface Description and RFC2863 (RFC2863 superceeds RFC2233)*

The following information describes how the Ethernet like interfaces of the 3300 CX-II platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform CX-II | |
|---|---|
| **Interface** | **Description** |
| LAN Port | External 10/100 LAN Port |
| Reserved | (Internal port) reserved (RJ45 connector) |
| APC SW Port | (Internal Port) SW to APC card  (RJ45 connector) |
| MMC-A s2 SW Port | (Internal Port) SW to MMC-A expansion slot 2 |
| MMC-A s3 SW Port | (Internal Port) SW to MMC-A expansion slot 3 |

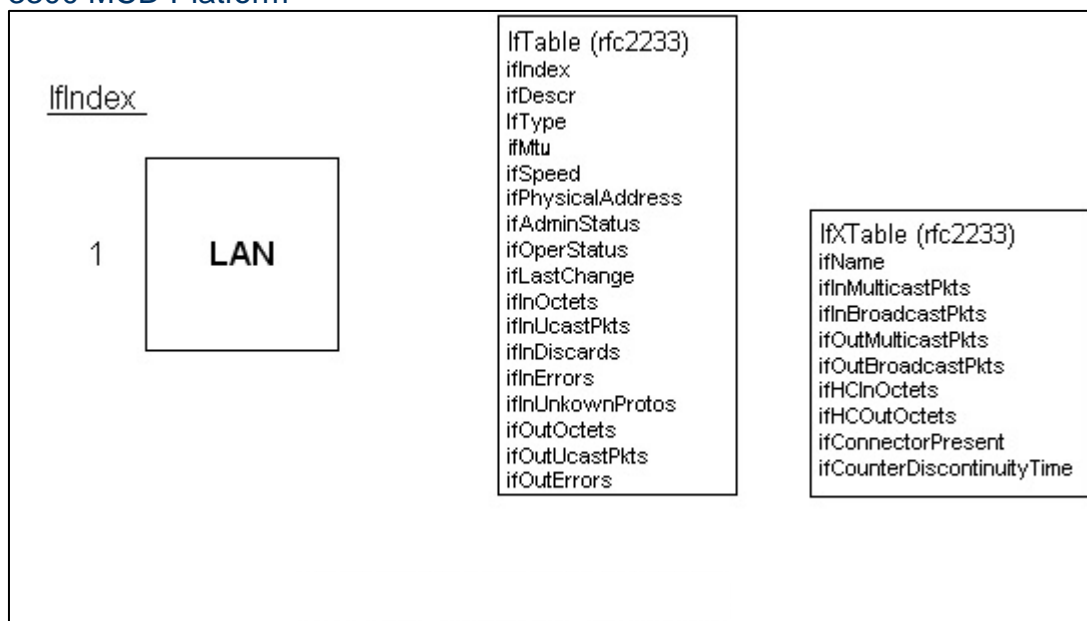| Interface description of 3300 Platform CX-II | |
|---|---|
| **Interface** | **Description** |
| RTC SW Port | (Internal Port) SW to RTC's PowerPC processor |
| RTC qefcc0 | (Internal Port) PowerPC to SW |
| mccdev0 | (Internal Port) MCC Dev0 interface off PowerPC processor |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| 1 | External 10/100 LAN Port | ethernetCsmacd(6) | [up(1), down(2)] |
| 2 | (Internal port) reserved (RJ45 connector) | ethernetCsmacd(6) | [up(1), down(2)] |
| 3 | (Internal Port) SW to APC card  (RJ45 connector) | ethernetCsmacd(6) | [up(1), down(2)] |
| 4 | (Internal Port) SW to MMC-A expansion slot 2 | ethernetCsmacd(6) | [up(1), down(2)] |
| 5 | (Internal Port) SW to MMC-A expansion slot 3 | ethernetCsmacd(6) | [up(1), down(2)] |
| 6 | (Internal Port) SW to PowerPC processor | ethernetCsmacd(6) | [up(1), down(2)] |
| 7 | (Internal Port) PowerPC to SW | ethernetCsmacd(6) | [up(1), down(2)] |
| 8 | (Internal Port) MCC Interface Dev0 off PPC | hdlc (118) | [up(1), down(2), notPresent(6)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| 1 | LAN Port |
| 2 | Reserved |
| 3 | APC SW Port |
| 4 | MMC-A s2 SW Port |
| 5 | MMC-A s3 SW Port |
| 6 | RTC SW Port |
| 7 | RTC qefcc0 |
| 8 | mccdev0 |

## *Differences between the conformance statement and supported attributes*

Although the SNMP agent supports all groups defined in the conformance statement, those tables that do not contain a relevant instance will return a noSuchName/V1 or noSuchInstance, noSuchObject/V2 to a SNMP GET request.

## 3300 MCD Platform



**3300 Platform MCD Interface Statistic**

### *Interface Description and RFC2863 (RFC2863 superceeds RFC2233)*

The following information describes how the Ethernet like interfaces of the 3300 MCD platform are laid out in the interface and like tables of RFC2863. Refer to IF-MIB (RFC2863) on page 58 for details of the supported tables and attributes.

| Interface description of 3300 Platform MCD | |
|---|---|
| **Interface** | **Description** |
| LAN | This is the MCD virtural ethernet interface |

| Expected values in the ifTable | | | |
|---|---|---|---|
| **ifIndex** | **ifDescr** | **ifType** | **IfOperStatus** |
| **1** | (virtural interface) LAN | ethernetCsmacd(6) | [up(1), down(2)] |

| MIB attribute ifName values for the ifXTable | |
|---|---|
| **ifIndex** | **ifName** |
| **1** | LAN |

# Appendix A: MITEL-BCM-MIB Module

```
-- Copyright 2009 MITEL Networks Corporation
-- All rights reserved.
-- This MITEL SNMP Management Information Base Specification
-- (Specification) embodies MITEL's confidential and
-- proprietary intellectual property. MITEL retains all
-- title and ownership in the Specification, including any
-- revisions.

-- This Specification is supplied "AS IS", and MITEL makes
-- no warranty, either express or implied, as to the use,
-- operation, condition, or performance of the Specification.

MITEL-BCM-MIB DEFINITIONS ::= BEGIN

    IMPORTS
        MODULE-IDENTITY, OBJECT-TYPE,
        Counter32, Integer32
            FROM SNMPv2-SMI
        MODULE-COMPLIANCE, OBJECT-GROUP
            FROM SNMPv2-CONF
        PhysAddress, DisplayString
            FROM SNMPv2-TC
        InterfaceIndex
            FROM IF-MIB
        mitelPropTransmission
            FROM MITEL-MIB;

    mitelBCM    MODULE-IDENTITY
        LAST-UPDATED       "200903170000Z"
        ORGANIZATION       "MITEL Networks Corporation"
        CONTACT-INFO       "Standards Group,
                            Postal:    MITEL Networks Corporation
                            350 Legget Drive, PO Box 13089
                            Kanata, Ontario
                            Canada  K2K 2W7
                            Tel: +1 613 592 2122
                            Fax: +1 613 592 4784
                            E-mail: std@mitel.com"
        DESCRIPTION        "The MITEL Broadcom Switch MIB module.
                            This MIB module is defined to specifically
```

```
                              provide additional statistical information
                              for the Broadcom Switch subsystem."
        REVISION              "200903170000Z"
        DESCRIPTION           "Added new BCM chip to the enumeration.
                               Also updated copyright."
        REVISION              "200601100000Z"
        DESCRIPTION           "Applied stronger lint and made corrections.
                               Also updated copyright."
        REVISION              "200510040100Z"
        DESCRIPTION           "Integrated in change requests and added
mitelBCMChipCount."
        REVISION              "200510030100Z"
        DESCRIPTION           "Added Compliance and Conformance statements."
        REVISION              "200509300100Z"
        DESCRIPTION           "Created."
    ::= { mitelPropTransmission 1 }


  mitelBCMObjects      OBJECT IDENTIFIER ::= { mitelBCM 1 }
  mitelBCMConformance  OBJECT IDENTIFIER ::= { mitelBCM 2 }


  -- ************************************************************
  -- The Mitel BCM Port Group
  -- ************************************************************


  mitelBCMPortTable  OBJECT-TYPE
        SYNTAX          SEQUENCE OF MitelBCMPortTableEntry
        MAX-ACCESS      not-accessible
        STATUS          current
        DESCRIPTION     "Table defining statistical information about each
                          port of a Broadcom Switch sub-system."
        ::= { mitelBCMObjects 1 }


  mitelBCMPortTableEntry OBJECT-TYPE
        SYNTAX              MitelBCMPortTableEntry
        MAX-ACCESS          not-accessible
        STATUS              current
        DESCRIPTION         "A row defining a single BCM Port table entry."
        INDEX               { mitelBCMPortIndex }
        ::= { mitelBCMPortTable 1 }


  MitelBCMPortTableEntry ::=
        SEQUENCE {
```

```
        mitelBCMPortIndex        InterfaceIndex,
        mitelBCMPortRxSAChanges Counter32,
        mitelBCMPortRxLastSA     PhysAddress
    }


mitelBCMPortIndex  OBJECT-TYPE
    SYNTAX          InterfaceIndex
    MAX-ACCESS      read-only -- smilint warning should be not-
accessible
    STATUS          current
    DESCRIPTION     "The interface identifier for this switch port.
                     Usually corresponds to ifIndex in the ifTable."
    ::= { mitelBCMPortTableEntry 1 }


mitelBCMPortRxSAChanges  OBJECT-TYPE
    SYNTAX            Counter32
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "The number of times the source address (SA)
                       of good received packets has changed.  A
                       count greater than one generally indicates
                       the port is connected to a repeater based
                       network."
    ::= { mitelBCMPortTableEntry 2 }


mitelBCMPortRxLastSA  OBJECT-TYPE
    SYNTAX            PhysAddress
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "The last received source address on this port."
    ::= { mitelBCMPortTableEntry 3 }


-- ************************************************************
-- The Mitel BCM Chip Group
-- ************************************************************


mitelBCMChipCount  OBJECT-TYPE
    SYNTAX          Integer32
    MAX-ACCESS      read-only
    STATUS          current
    DESCRIPTION     "The number of BCM ethernet chips in the system."
    ::= { mitelBCMObjects 2 }
```

```
mitelBCMChipTable   OBJECT-TYPE
    SYNTAX          SEQUENCE OF MitelBCMChipTableEntry
    MAX-ACCESS      not-accessible
    STATUS          current
    DESCRIPTION     "Table defining characteristic information about
                     each Broadcom Switch chip in the system."
    ::= { mitelBCMObjects 3 }


mitelBCMChipTableEntry OBJECT-TYPE
    SYNTAX           MitelBCMChipTableEntry
    MAX-ACCESS       not-accessible
    STATUS           current
    DESCRIPTION      "A row defining a single Broadcom (BCM) Chip
                      table entry."
    INDEX            { mitelBCMChipIndex }
    ::= { mitelBCMChipTable 1 }


MitelBCMChipTableEntry ::=
    SEQUENCE {
      mitelBCMChipIndex       Integer32,
      mitelBCMChipBIST        BITS,
      mitelBCMChipRev         DisplayString,
      mitelBCMChipType        INTEGER
    }
mitelBCMChipIndex   OBJECT-TYPE
    SYNTAX          Integer32 (1..65535)
    MAX-ACCESS      read-only -- smilint warning should be not-
accessible
    STATUS          current
    DESCRIPTION     "The identifier for this switch chip."
    ::= { mitelBCMChipTableEntry 1 }


mitelBCMChipBIST    OBJECT-TYPE
    SYNTAX          BITS {
                        bcRam(0),
                        ipDbm(1),
                        mRam(2),
                        gmRam(3)
                    }
    MAX-ACCESS      read-only
    STATUS          current
```

```
        DESCRIPTION      "The status of the BCM ethernet chip
                          built-in-self-test (BIST).


                          BCRAM(0) bit 2^0 - Buffer control RAM (only in
BCM5380M)
                          IPDBM(1) bit 2^1 - Internal packet data buffer
memory
                          MRAM(2)  bit 2^2 - MIB RAM (only in BCM5380M)
                          GMRAM(3) bit 2^3 - Gigabit MIB RAM (only in
BCM5380M)


                          If the bit is set, then that sub-system has
failed."
        ::= { mitelBCMChipTableEntry 2 }


    mitelBCMChipRev   OBJECT-TYPE
        SYNTAX           DisplayString
        MAX-ACCESS       read-only
        STATUS           current
        DESCRIPTION      "The BCM ethernet chip revision ID."
        ::= { mitelBCMChipTableEntry 3 }


    mitelBCMChipType   OBJECT-TYPE
        SYNTAX           INTEGER {
                             bcm5380m(1),
                             bcm5325e(2),
                             bcm5324(3),
                             bcmOther(4)
                         }
        MAX-ACCESS       read-only
        STATUS           current
        DESCRIPTION      "The BCM ethernet chip type."
        ::= { mitelBCMChipTableEntry 4 }


    --
    --
    -- Conformance information
    --
    --


    mitelBCMCompliances  OBJECT IDENTIFIER ::= { mitelBCMConformance 1 }
    mitelBCMGroups       OBJECT IDENTIFIER ::= { mitelBCMConformance 2 }
```

```
--
--
-- Compliance statements
--
--

mitelBCMSwitchCompliance MODULE-COMPLIANCE
    STATUS  current
    DESCRIPTION
            "The compliance statement for mitel nodes that
             include a BCM switch sub-system."

    MODULE  --  this module

    MANDATORY-GROUPS { mitelBCMPortGroup,
                       mitelBCMChipGroup }

::= { mitelBCMCompliances 1 }

mitelBCMPortGroup   OBJECT-GROUP
    OBJECTS {
        mitelBCMPortIndex,
        mitelBCMPortRxSAChanges,
        mitelBCMPortRxLastSA
    }
    STATUS  current
    DESCRIPTION
        "A collection of objects that provide statistical
         infrormation about BCM switch ports."
 ::= { mitelBCMGroups 1 }

mitelBCMChipGroup   OBJECT-GROUP
    OBJECTS {
        mitelBCMChipCount,
        mitelBCMChipIndex,
        mitelBCMChipBIST,
        mitelBCMChipRev,
        mitelBCMChipType
    }
    STATUS  current
    DESCRIPTION
        "A collection of objects that provide
```

```
        infrrormation about BCM switch Chips."
   ::= { mitelBCMGroups 2 }


-- MITEL-BCM-MIB


END
```

# Appendix B: Mitel MIB References

## 3300 ICP MIB Walkthrough

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.1.1.0 | SNMPv2-MIB::sysDescr | 0 | STRING: | VerAg:07.00.00.01.00;VerSw:8.0.7.5;VerHw:MXe;VerPl:3300 ICP |
| .1.3.6.1.2.1.1.2.0 | SNMPv2-MIB::sysObjectID | 0 | OID: | MITEL-MIB::mitelIdCallServers.3 |
| .1.3.6.1.2.1.1.3.0 | DISMAN-EXPRESSION-MIB::sysUpTimeInstance | 0 | Timeticks: | (460359) 1:16:43.59 |
| .1.3.6.1.2.1.1.4.0 | SNMPv2-MIB::sysContact | 0 | STRING: | |
| .1.3.6.1.2.1.1.5.0 | SNMPv2-MIB::sysName | 0 | STRING: | Icp3300 |
| .1.3.6.1.2.1.1.6.0 | SNMPv2-MIB::sysLocation | 0 | STRING: | |
| .1.3.6.1.2.1.1.7.0 | SNMPv2-MIB::sysServices | 0 | INTEGER: | 79 |
| .1.3.6.1.2.1.2.1.0 | IF-MIB::ifNumber | 0 | INTEGER: | 13 |
| .1.3.6.1.2.1.2.2.1.1.1 | IF-MIB::ifIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.2.2.1.1.2 | IF-MIB::ifIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.2.1.2.2.1.1.3 | IF-MIB::ifIndex | 3 | INTEGER: | 3 |
| .1.3.6.1.2.1.2.2.1.1.4 | IF-MIB::ifIndex | 4 | INTEGER: | 4 |
| .1.3.6.1.2.1.2.2.1.1.5 | IF-MIB::ifIndex | 5 | INTEGER: | 5 |
| .1.3.6.1.2.1.2.2.1.1.6 | IF-MIB::ifIndex | 6 | INTEGER: | 6 |
| .1.3.6.1.2.1.2.2.1.1.7 | IF-MIB::ifIndex | 7 | INTEGER: | 7 |
| .1.3.6.1.2.1.2.2.1.1.8 | IF-MIB::ifIndex | 8 | INTEGER: | 8 |
| .1.3.6.1.2.1.2.2.1.1.9 | IF-MIB::ifIndex | 9 | INTEGER: | 9 |
| .1.3.6.1.2.1.2.2.1.1.10 | IF-MIB::ifIndex | 10 | INTEGER: | 10 |
| .1.3.6.1.2.1.2.2.1.1.11 | IF-MIB::ifIndex | 11 | INTEGER: | 11 |
| .1.3.6.1.2.1.2.2.1.1.12 | IF-MIB::ifIndex | 12 | INTEGER: | 12 |
| .1.3.6.1.2.1.2.2.1.1.19 | IF-MIB::ifIndex | 19 | INTEGER: | 19 |
| .1.3.6.1.2.1.2.2.1.2.1 | IF-MIB::ifDescr | 1 | STRING: | External Layer Two Ethernet Switch Port |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.2.2.1.2.2 | IF-MIB::ifDescr | 2 | STRING: | External Layer Two Ethernet Switch Port |
| .1.3.6.1.2.1.2.2.1.2.3 | IF-MIB::ifDescr | 3 | STRING: | (Internal Port) SW to RTC's PowerPC processor (1) |
| .1.3.6.1.2.1.2.2.1.2.4 | IF-MIB::ifDescr | 4 | STRING: | (Internal Port) SW to RTC's PowerPC processor (2) |
| .1.3.6.1.2.1.2.2.1.2.5 | IF-MIB::ifDescr | 5 | STRING: | (Internal Port) SW to E2T's PowerPC processor (1) |
| .1.3.6.1.2.1.2.2.1.2.6 | IF-MIB::ifDescr | 6 | STRING: | (Internal Port) SW to E2T's PowerPC processor (2) |
| .1.3.6.1.2.1.2.2.1.2.7 | IF-MIB::ifDescr | 7 | STRING: | (Internal Port) SW to MMC-A+ expansion slot 0 |
| .1.3.6.1.2.1.2.2.1.2.8 | IF-MIB::ifDescr | 8 | STRING: | (Internal Port) SW to MMC-A+ expansion slot 4 |
| .1.3.6.1.2.1.2.2.1.2.9 | IF-MIB::ifDescr | 9 | STRING: | (Internal Port) SW to MMC-A+ expansion slot 5 |
| .1.3.6.1.2.1.2.2.1.2.10 | IF-MIB::ifDescr | 10 | STRING: | (Internal Port) SW to APC card |
| .1.3.6.1.2.1.2.2.1.2.11 | IF-MIB::ifDescr | 11 | STRING: | (Internal Port) SW to MIPS processor |
| .1.3.6.1.2.1.2.2.1.2.12 | IF-MIB::ifDescr | 12 | STRING: | (Internal port) RTC's PowerPC to SW (1) |
| .1.3.6.1.2.1.2.2.1.2.19 | IF-MIB::ifDescr | 19 | STRING: | (Internal port) MCC Dev0 interface off PowerPC processor |
| .1.3.6.1.2.1.2.2.1.3.1 | IF-MIB::ifType | 1 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.2 | IF-MIB::ifType | 2 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.3 | IF-MIB::ifType | 3 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.4 | IF-MIB::ifType | 4 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.5 | IF-MIB::ifType | 5 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.6 | IF-MIB::ifType | 6 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.7 | IF-MIB::ifType | 7 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.8 | IF-MIB::ifType | 8 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.9 | IF-MIB::ifType | 9 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.10 | IF-MIB::ifType | 10 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.11 | IF-MIB::ifType | 11 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.12 | IF-MIB::ifType | 12 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.19 | IF-MIB::ifType | 19 | INTEGER: | hdlc(118) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.2.2.1.4.1 | IF-MIB::ifMtu | 1 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.2 | IF-MIB::ifMtu | 2 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.3 | IF-MIB::ifMtu | 3 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.4 | IF-MIB::ifMtu | 4 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.5 | IF-MIB::ifMtu | 5 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.6 | IF-MIB::ifMtu | 6 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.7 | IF-MIB::ifMtu | 7 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.8 | IF-MIB::ifMtu | 8 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.9 | IF-MIB::ifMtu | 9 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.10 | IF-MIB::ifMtu | 10 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.11 | IF-MIB::ifMtu | 11 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.12 | IF-MIB::ifMtu | 12 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.4.19 | IF-MIB::ifMtu | 19 | INTEGER: | 1500 |
| .1.3.6.1.2.1.2.2.1.5.1 | IF-MIB::ifSpeed | 1 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.2 | IF-MIB::ifSpeed | 2 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.3 | IF-MIB::ifSpeed | 3 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.4 | IF-MIB::ifSpeed | 4 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.5 | IF-MIB::ifSpeed | 5 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.6 | IF-MIB::ifSpeed | 6 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.7 | IF-MIB::ifSpeed | 7 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.8 | IF-MIB::ifSpeed | 8 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.9 | IF-MIB::ifSpeed | 9 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.10 | IF-MIB::ifSpeed | 10 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.11 | IF-MIB::ifSpeed | 11 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.12 | IF-MIB::ifSpeed | 12 | Gauge32: | 100000000 |
| .1.3.6.1.2.1.2.2.1.5.19 | IF-MIB::ifSpeed | 19 | Gauge32: | 64000 |
| .1.3.6.1.2.1.2.2.1.6.1 | IF-MIB::ifPhysAddress | 1 | STRING: | 8:0:f:20:e3:5a |
| .1.3.6.1.2.1.2.2.1.6.2 | IF-MIB::ifPhysAddress | 2 | STRING: | 8:0:f:20:e3:5b |
| .1.3.6.1.2.1.2.2.1.6.3 | IF-MIB::ifPhysAddress | 3 | STRING: | 8:0:f:20:e3:5c |
| .1.3.6.1.2.1.2.2.1.6.4 | IF-MIB::ifPhysAddress | 4 | STRING: | 8:0:f:20:e3:5d |
| .1.3.6.1.2.1.2.2.1.6.5 | IF-MIB::ifPhysAddress | 5 | STRING: | 8:0:f:20:e3:5e |
| .1.3.6.1.2.1.2.2.1.6.6 | IF-MIB::ifPhysAddress | 6 | STRING: | 8:0:f:20:e3:5f |
| .1.3.6.1.2.1.2.2.1.6.7 | IF-MIB::ifPhysAddress | 7 | STRING: | 8:0:f:20:e3:60 |
| .1.3.6.1.2.1.2.2.1.6.8 | IF-MIB::ifPhysAddress | 8 | STRING: | 8:0:f:20:e3:61 |
| .1.3.6.1.2.1.2.2.1.6.9 | IF-MIB::ifPhysAddress | 9 | STRING: | 8:0:f:20:e3:62 |
| .1.3.6.1.2.1.2.2.1.6.10 | IF-MIB::ifPhysAddress | 10 | STRING: | 8:0:f:20:e3:63 |
| .1.3.6.1.2.1.2.2.1.6.11 | IF-MIB::ifPhysAddress | 11 | STRING: | 8:0:f:20:e3:64 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.2.2.1.6.12 | IF-MIB::ifPhysAddress | 12 | STRING: | 8:0:f:21:d0:88 |
| .1.3.6.1.2.1.2.2.1.6.19 | IF-MIB::ifPhysAddress | 19 | STRING: | 8:0:f:21:1:1 |
| .1.3.6.1.2.1.2.2.1.7.1 | IF-MIB::ifAdminStatus | 1 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.2 | IF-MIB::ifAdminStatus | 2 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.3 | IF-MIB::ifAdminStatus | 3 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.4 | IF-MIB::ifAdminStatus | 4 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.5 | IF-MIB::ifAdminStatus | 5 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.6 | IF-MIB::ifAdminStatus | 6 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.7 | IF-MIB::ifAdminStatus | 7 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.8 | IF-MIB::ifAdminStatus | 8 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.9 | IF-MIB::ifAdminStatus | 9 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.10 | IF-MIB::ifAdminStatus | 10 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.11 | IF-MIB::ifAdminStatus | 11 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.12 | IF-MIB::ifAdminStatus | 12 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.19 | IF-MIB::ifAdminStatus | 19 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.1 | IF-MIB::ifOperStatus | 1 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.2 | IF-MIB::ifOperStatus | 2 | INTEGER: | down(2) |
| .1.3.6.1.2.1.2.2.1.8.3 | IF-MIB::ifOperStatus | 3 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.4 | IF-MIB::ifOperStatus | 4 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.5 | IF-MIB::ifOperStatus | 5 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.6 | IF-MIB::ifOperStatus | 6 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.7 | IF-MIB::ifOperStatus | 7 | INTEGER: | down(2) |
| .1.3.6.1.2.1.2.2.1.8.8 | IF-MIB::ifOperStatus | 8 | INTEGER: | down(2) |
| .1.3.6.1.2.1.2.2.1.8.9 | IF-MIB::ifOperStatus | 9 | INTEGER: | down(2) |
| .1.3.6.1.2.1.2.2.1.8.10 | IF-MIB::ifOperStatus | 10 | INTEGER: | down(2) |
| .1.3.6.1.2.1.2.2.1.8.11 | IF-MIB::ifOperStatus | 11 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.12 | IF-MIB::ifOperStatus | 12 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.19 | IF-MIB::ifOperStatus | 19 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.9.1 | IF-MIB::ifLastChange | 1 | Timeticks: | (46) 0:00:00.46 |
| .1.3.6.1.2.1.2.2.1.9.2 | IF-MIB::ifLastChange | 2 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.2.2.1.9.3 | IF-MIB::ifLastChange | 3 | Timeticks: | (69) 0:00:00.69 |
| .1.3.6.1.2.1.2.2.1.9.4 | IF-MIB::ifLastChange | 4 | Timeticks: | (81) 0:00:00.81 |
| .1.3.6.1.2.1.2.2.1.9.5 | IF-MIB::ifLastChange | 5 | Timeticks: | (93) 0:00:00.93 |
| .1.3.6.1.2.1.2.2.1.9.6 | IF-MIB::ifLastChange | 6 | Timeticks: | (104) 0:00:01.04 |
| .1.3.6.1.2.1.2.2.1.9.7 | IF-MIB::ifLastChange | 7 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.2.2.1.9.8 | IF-MIB::ifLastChange | 8 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.2.2.1.9.9 | IF-MIB::ifLastChange | 9 | Timeticks: | (0) 0:00:00.00 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
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| .1.3.6.1.2.1.2.2.1.9.12 | IF-MIB::ifLastChange | 12 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.2.2.1.9.19 | IF-MIB::ifLastChange | 19 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.2.2.1.10.1 | IF-MIB::ifInOctets | 1 | Counter32: | 2180835 |
| .1.3.6.1.2.1.2.2.1.10.2 | IF-MIB::ifInOctets | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.10.3 | IF-MIB::ifInOctets | 3 | Counter32: | 1736455 |
| .1.3.6.1.2.1.2.2.1.10.4 | IF-MIB::ifInOctets | 4 | Counter32: | 279678 |
| .1.3.6.1.2.1.2.2.1.10.5 | IF-MIB::ifInOctets | 5 | Counter32: | 539530 |
| .1.3.6.1.2.1.2.2.1.10.6 | IF-MIB::ifInOctets | 6 | Counter32: | 279678 |
| .1.3.6.1.2.1.2.2.1.10.7 | IF-MIB::ifInOctets | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.10.8 | IF-MIB::ifInOctets | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.10.9 | IF-MIB::ifInOctets | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.10.10 | IF-MIB::ifInOctets | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.10.11 | IF-MIB::ifInOctets | 11 | Counter32: | 1759022 |
| .1.3.6.1.2.1.2.2.1.10.12 | IF-MIB::ifInOctets | 12 | Counter32: | 2385017 |
| .1.3.6.1.2.1.2.2.1.10.19 | IF-MIB::ifInOctets | 19 | Counter32: | 152544 |
| .1.3.6.1.2.1.2.2.1.11.1 | IF-MIB::ifInUcastPkts | 1 | Counter32: | 7294 |
| .1.3.6.1.2.1.2.2.1.11.2 | IF-MIB::ifInUcastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.3 | IF-MIB::ifInUcastPkts | 3 | Counter32: | 5667 |
| .1.3.6.1.2.1.2.2.1.11.4 | IF-MIB::ifInUcastPkts | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.5 | IF-MIB::ifInUcastPkts | 5 | Counter32: | 4145 |
| .1.3.6.1.2.1.2.2.1.11.6 | IF-MIB::ifInUcastPkts | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.7 | IF-MIB::ifInUcastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.8 | IF-MIB::ifInUcastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.9 | IF-MIB::ifInUcastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.10 | IF-MIB::ifInUcastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.11.11 | IF-MIB::ifInUcastPkts | 11 | Counter32: | 1260 |
| .1.3.6.1.2.1.2.2.1.11.12 | IF-MIB::ifInUcastPkts | 12 | Counter32: | 17156 |
| .1.3.6.1.2.1.2.2.1.11.19 | IF-MIB::ifInUcastPkts | 19 | Counter32: | 2725 |
| .1.3.6.1.2.1.2.2.1.12.1 | IF-MIB::ifInNUcastPkts | 1 | Counter32: | 3439 |
| .1.3.6.1.2.1.2.2.1.12.2 | IF-MIB::ifInNUcastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.12.3 | IF-MIB::ifInNUcastPkts | 3 | Counter32: | 3 |
| .1.3.6.1.2.1.2.2.1.12.4 | IF-MIB::ifInNUcastPkts | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.12.5 | IF-MIB::ifInNUcastPkts | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.12.6 | IF-MIB::ifInNUcastPkts | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.12.7 | IF-MIB::ifInNUcastPkts | 7 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.2.2.1.12.8 | IF-MIB::ifInNUcastPkts | 8 | Counter32: | 0 |
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| .1.3.6.1.2.1.2.2.1.12.10 | IF-MIB::ifInNUcastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.12.11 | IF-MIB::ifInNUcastPkts | 11 | Counter32: | 17 |
| .1.3.6.1.2.1.2.2.1.12.12 | IF-MIB::ifInNUcastPkts | 12 | Counter32: | 3451 |
| .1.3.6.1.2.1.2.2.1.12.19 | IF-MIB::ifInNUcastPkts | 19 | Counter32: | 7 |
| .1.3.6.1.2.1.2.2.1.13.1 | IF-MIB::ifInDiscards | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.2 | IF-MIB::ifInDiscards | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.3 | IF-MIB::ifInDiscards | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.4 | IF-MIB::ifInDiscards | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.5 | IF-MIB::ifInDiscards | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.6 | IF-MIB::ifInDiscards | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.7 | IF-MIB::ifInDiscards | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.8 | IF-MIB::ifInDiscards | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.9 | IF-MIB::ifInDiscards | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.10 | IF-MIB::ifInDiscards | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.11 | IF-MIB::ifInDiscards | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.12 | IF-MIB::ifInDiscards | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.19 | IF-MIB::ifInDiscards | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.1 | IF-MIB::ifInErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.2 | IF-MIB::ifInErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.3 | IF-MIB::ifInErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.4 | IF-MIB::ifInErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.5 | IF-MIB::ifInErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.6 | IF-MIB::ifInErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.7 | IF-MIB::ifInErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.8 | IF-MIB::ifInErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.9 | IF-MIB::ifInErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.10 | IF-MIB::ifInErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.11 | IF-MIB::ifInErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.12 | IF-MIB::ifInErrors | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.19 | IF-MIB::ifInErrors | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.1 | IF-MIB::ifInUnknownProtos | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.2 | IF-MIB::ifInUnknownProtos | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.3 | IF-MIB::ifInUnknownProtos | 3 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.2.2.1.15.4 | IF-MIB::ifInUnknownProtos | 4 | Counter32: | 0 |
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| .1.3.6.1.2.1.2.2.1.15.9 | IF-MIB::ifInUnknownProtos | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.10 | IF-MIB::ifInUnknownProtos | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.11 | IF-MIB::ifInUnknownProtos | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.12 | IF-MIB::ifInUnknownProtos | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.19 | IF-MIB::ifInUnknownProtos | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.16.1 | IF-MIB::ifOutOctets | 1 | Counter32: | 2192683 |
| .1.3.6.1.2.1.2.2.1.16.2 | IF-MIB::ifOutOctets | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.16.3 | IF-MIB::ifOutOctets | 3 | Counter32: | 1759833 |
| .1.3.6.1.2.1.2.2.1.16.4 | IF-MIB::ifOutOctets | 4 | Counter32: | 279678 |
| .1.3.6.1.2.1.2.2.1.16.5 | IF-MIB::ifOutOctets | 5 | Counter32: | 539530 |
| .1.3.6.1.2.1.2.2.1.16.6 | IF-MIB::ifOutOctets | 6 | Counter32: | 279678 |
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| .1.3.6.1.2.1.2.2.1.16.8 | IF-MIB::ifOutOctets | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.16.9 | IF-MIB::ifOutOctets | 9 | Counter32: | 0 |
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| .1.3.6.1.2.1.2.2.1.16.19 | IF-MIB::ifOutOctets | 19 | Counter32: | 178182 |
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| .1.3.6.1.2.1.2.2.1.17.2 | IF-MIB::ifOutUcastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.17.3 | IF-MIB::ifOutUcastPkts | 3 | Counter32: | 5870 |
| .1.3.6.1.2.1.2.2.1.17.4 | IF-MIB::ifOutUcastPkts | 4 | Counter32: | 5 |
| .1.3.6.1.2.1.2.2.1.17.5 | IF-MIB::ifOutUcastPkts | 5 | Counter32: | 2873 |
| .1.3.6.1.2.1.2.2.1.17.6 | IF-MIB::ifOutUcastPkts | 6 | Counter32: | 5 |
| .1.3.6.1.2.1.2.2.1.17.7 | IF-MIB::ifOutUcastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.17.8 | IF-MIB::ifOutUcastPkts | 8 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.2.2.1.17.9 | IF-MIB::ifOutUcastPkts | 9 | Counter32: | 0 |
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| .1.3.6.1.2.1.2.2.1.17.12 | IF-MIB::ifOutUcastPkts | 12 | Counter32: | 17256 |
| .1.3.6.1.2.1.2.2.1.17.19 | IF-MIB::ifOutUcastPkts | 19 | Counter32: | 3116 |
| .1.3.6.1.2.1.2.2.1.18.1 | IF-MIB::ifOutNUcastPkts | 1 | Counter32: | 15 |
| .1.3.6.1.2.1.2.2.1.18.2 | IF-MIB::ifOutNUcastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.18.3 | IF-MIB::ifOutNUcastPkts | 3 | Counter32: | 3456 |
| .1.3.6.1.2.1.2.2.1.18.4 | IF-MIB::ifOutNUcastPkts | 4 | Counter32: | 3459 |
| .1.3.6.1.2.1.2.2.1.18.5 | IF-MIB::ifOutNUcastPkts | 5 | Counter32: | 3459 |
| .1.3.6.1.2.1.2.2.1.18.6 | IF-MIB::ifOutNUcastPkts | 6 | Counter32: | 3459 |
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| .1.3.6.1.2.1.2.2.1.18.8 | IF-MIB::ifOutNUcastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.18.9 | IF-MIB::ifOutNUcastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.18.10 | IF-MIB::ifOutNUcastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.18.11 | IF-MIB::ifOutNUcastPkts | 11 | Counter32: | 3445 |
| .1.3.6.1.2.1.2.2.1.18.12 | IF-MIB::ifOutNUcastPkts | 12 | Counter32: | 14 |
| .1.3.6.1.2.1.2.2.1.18.19 | IF-MIB::ifOutNUcastPkts | 19 | Counter32: | 5 |
| .1.3.6.1.2.1.2.2.1.19.1 | IF-MIB::ifOutDiscards | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.2 | IF-MIB::ifOutDiscards | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.3 | IF-MIB::ifOutDiscards | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.4 | IF-MIB::ifOutDiscards | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.5 | IF-MIB::ifOutDiscards | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.6 | IF-MIB::ifOutDiscards | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.7 | IF-MIB::ifOutDiscards | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.8 | IF-MIB::ifOutDiscards | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.9 | IF-MIB::ifOutDiscards | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.10 | IF-MIB::ifOutDiscards | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.11 | IF-MIB::ifOutDiscards | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.12 | IF-MIB::ifOutDiscards | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.19 | IF-MIB::ifOutDiscards | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.1 | IF-MIB::ifOutErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.2 | IF-MIB::ifOutErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.3 | IF-MIB::ifOutErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.4 | IF-MIB::ifOutErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.5 | IF-MIB::ifOutErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.6 | IF-MIB::ifOutErrors | 6 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
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| .1.3.6.1.2.1.2.2.1.20.8 | IF-MIB::ifOutErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.9 | IF-MIB::ifOutErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.10 | IF-MIB::ifOutErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.11 | IF-MIB::ifOutErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.12 | IF-MIB::ifOutErrors | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.19 | IF-MIB::ifOutErrors | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.1 | IF-MIB::ifOutQLen | 1 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.2 | IF-MIB::ifOutQLen | 2 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.3 | IF-MIB::ifOutQLen | 3 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.4 | IF-MIB::ifOutQLen | 4 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.5 | IF-MIB::ifOutQLen | 5 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.6 | IF-MIB::ifOutQLen | 6 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.7 | IF-MIB::ifOutQLen | 7 | Gauge32: | 0 |
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| .1.3.6.1.2.1.2.2.1.21.9 | IF-MIB::ifOutQLen | 9 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.10 | IF-MIB::ifOutQLen | 10 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.11 | IF-MIB::ifOutQLen | 11 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.12 | IF-MIB::ifOutQLen | 12 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.19 | IF-MIB::ifOutQLen | 19 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.22.1 | IF-MIB::ifSpecific | 1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.2 | IF-MIB::ifSpecific | 2 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.3 | IF-MIB::ifSpecific | 3 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.4 | IF-MIB::ifSpecific | 4 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.5 | IF-MIB::ifSpecific | 5 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.6 | IF-MIB::ifSpecific | 6 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.7 | IF-MIB::ifSpecific | 7 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.8 | IF-MIB::ifSpecific | 8 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.9 | IF-MIB::ifSpecific | 9 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.10 | IF-MIB::ifSpecific | 10 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.11 | IF-MIB::ifSpecific | 11 | OID: | SNMPv2- |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.2.2.1.22.12 | IF-MIB::ifSpecific | 12 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.2.2.1.22.19 | IF-MIB::ifSpecific | 19 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.4.1.0 | RFC1213-MIB::ipForwarding | 0 | INTEGER: | not-forwarding(2) |
| .1.3.6.1.2.1.4.2.0 | RFC1213-MIB::ipDefaultTTL | 0 | INTEGER: | 64 |
| .1.3.6.1.2.1.4.3.0 | RFC1213-MIB::ipInReceives | 0 | Counter32: | 69276 |
| .1.3.6.1.2.1.4.4.0 | RFC1213-MIB::ipInHdrErrors | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.5.0 | RFC1213-MIB::ipInAddrErrors | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.6.0 | RFC1213-MIB::ipForwDatagrams | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.7.0 | RFC1213-MIB::ipInUnknownProtos | 0 | Counter32: | 13 |
| .1.3.6.1.2.1.4.8.0 | RFC1213-MIB::ipInDiscards | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.9.0 | RFC1213-MIB::ipInDelivers | 0 | Counter32: | 69269 |
| .1.3.6.1.2.1.4.10.0 | RFC1213-MIB::ipOutRequests | 0 | Counter32: | 69287 |
| .1.3.6.1.2.1.4.11.0 | RFC1213-MIB::ipOutDiscards | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.12.0 | RFC1213-MIB::ipOutNoRoutes | 0 | Counter32: | 6 |
| .1.3.6.1.2.1.4.13.0 | RFC1213-MIB::ipReasmTimeout | 0 | INTEGER: | 60 |
| .1.3.6.1.2.1.4.14.0 | RFC1213-MIB::ipReasmReqds | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.15.0 | RFC1213-MIB::ipReasmOKs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.16.0 | RFC1213-MIB::ipReasmFails | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.17.0 | RFC1213-MIB::ipFragOKs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.18.0 | RFC1213-MIB::ipFragFails | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.19.0 | RFC1213-MIB::ipFragCreates | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.20.1.1.10.38.27.200 | RFC1213-MIB::ipAdEntAddr | 10.38.27.200 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.4.20.1.2.10.38.27.200 | RFC1213-MIB::ipAdEntIfIndex | 10.38.27.200 | INTEGER: | 12 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.20.1.3.10.38.27.200 | RFC1213-MIB::ipAdEntNetMask | 10.38.27.200 | IpAddress: | 255.255.255.0 |
| .1.3.6.1.2.1.4.20.1.4.10.38.27.200 | RFC1213-MIB::ipAdEntBcastAddr | 10.38.27.200 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.20.1.5.10.38.27.200 | RFC1213-MIB::ipAdEntReasmMaxSize | 10.38.27.200 | INTEGER: | 65535 |
| .1.3.6.1.2.1.4.21.1.1.10.31.8.25 | RFC1213-MIB::ipRouteDest | 10.31.8.25 | IpAddress: | 10.31.8.25 |
| .1.3.6.1.2.1.4.21.1.2.10.31.8.25 | RFC1213-MIB:ipRouteIfIndex | 10.31.8.25 | INTEGER: | 12 |
| .1.3.6.1.2.1.4.21.1.3.10.31.8.25 | RFC1213-MIB::ipRouteMetric1 | 10.31.8.25 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.21.1.4.10.31.8.25 | RFC1213-MIB::ipRouteMetric2 | 10.31.8.25 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.5.10.31.8.25 | RFC1213-MIB::ipRouteMetric3 | 10.31.8.25 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.6.10.31.8.25 | RFC1213-MIB::ipRouteMetric4 | 10.31.8.25 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.7.10.31.8.25 | RFC1213-MIB::ipRouteNextHop | 10.31.8.25 | IpAddress: | 10.38.27.1 |
| .1.3.6.1.2.1.4.21.1.8.10.31.8.25 | RFC1213-MIB::ipRouteType | 10.31.8.25 | INTEGER: | indirect(4) |
| .1.3.6.1.2.1.4.21.1.9.10.31.8.25 | RFC1213-MIB::ipRouteProto | 10.31.8.25 | INTEGER: | local(2) |
| .1.3.6.1.2.1.4.21.1.10.10.31.8.25 | RFC1213-MIB::ipRouteAge | 10.31.8.25 | INTEGER: | 4453 |
| .1.3.6.1.2.1.4.21.1.11.10.31.8.25 | RFC1213-MIB::ipRouteMask | 10.31.8.25 | IpAddress: | 255.255.255.255 |
| .1.3.6.1.2.1.4.21.1.12.10.31.8.25 | RFC1213-MIB::ipRouteMetric5 | 10.31.8.25 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.13.10.31.8.25 | RFC1213-MIB::ipRouteInfo | 10.31.8.25 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.4.22.1.1.1.10.38.27.1 | RFC1213-MIB::ipNetToMediaIfIndex | 1.10.38.27.1 | INTEGER: | 12 |
| .1.3.6.1.2.1.4.22.1.1.1.10.38.27.201 | RFC1213-MIB::ipNetToMediaIfIndex | 1.10.38.27.201 | INTEGER: | 12 |
| .1.3.6.1.2.1.4.22.1.2.1.10.38.27.1 | RFC1213-MIB::ipNetToMediaPhysAddress | 1.10.38.27.1 | Hex-STRING: | 00 04 80 23 39 0 |
| .1.3.6.1.2.1.4.22.1.2.1.10.38.27.201 | RFC1213-MIB::ipNetToMediaPhysAddress | 1.10.38.27.201 | Hex-STRING: | 08 00 0F 20 E3 59 |
| .1.3.6.1.2.1.4.22.1.3.1.10.38.27.1 | RFC1213-MIB::ipNetToMediaNetAddress | 1.10.38.27.1 | IpAddress: | 10.38.27.1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.22.1.3.1.10.38.27.201 | RFC1213-MIB::ipNetToMediaNetAddress | 1.10.38.27.201 | IpAddress: | 10.38.27.201 |
| .1.3.6.1.2.1.4.22.1.4.1.10.38.27.1 | RFC1213-MIB::ipNetToMediaType | 1.10.38.27.1 | INTEGER: | dynamic(3) |
| .1.3.6.1.2.1.4.22.1.4.1.10.38.27.201 | RFC1213-MIB::ipNetToMediaType | 1.10.38.27.201 | INTEGER: | dynamic(3) |
| .1.3.6.1.2.1.4.23.0 | RFC1213-MIB::ipRoutingDiscards | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.1.0 | RFC1213-MIB::icmpInMsgs | 0 | Counter32: | 17 |
| .1.3.6.1.2.1.5.2.0 | RFC1213-MIB::icmpInErrors | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.3.0 | RFC1213-MIB::icmpInDestUnreachs | 0 | Counter32: | 15 |
| .1.3.6.1.2.1.5.4.0 | RFC1213-MIB::icmpInTimeExcds | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.5.0 | RFC1213-MIB::icmpInParmProbs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.6.0 | RFC1213-MIB::icmpInSrcQuenchs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.7.0 | RFC1213-MIB::icmpInRedirects | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.8.0 | RFC1213-MIB::icmpInEchos | 0 | Counter32: | 2 |
| .1.3.6.1.2.1.5.9.0 | RFC1213-MIB::icmpInEchoReps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.10.0 | RFC1213-MIB::icmpInTimestamps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.11.0 | RFC1213-MIB::icmpInTimestampReps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.12.0 | RFC1213-MIB::icmpInAddrMasks | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.13.0 | RFC1213-MIB::icmpInAddrMaskReps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.14.0 | RFC1213-MIB::icmpOutMsgs | 0 | Counter32: | 7 |
| .1.3.6.1.2.1.5.15.0 | RFC1213-MIB::icmpOutErrors | 0 | Counter32: | 5 |
| .1.3.6.1.2.1.5.16.0 | RFC1213-MIB::icmpOutDestUnreachs | 0 | Counter32: | 5 |
| .1.3.6.1.2.1.5.17.0 | RFC1213-MIB::icmpOutTimeExcds | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.18.0 | RFC1213- | 0 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::icmpOutParmProbs | | | |
| .1.3.6.1.2.1.5.19.0 | RFC1213-MIB::icmpOutSrcQuenchs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.20.0 | RFC1213-MIB::icmpOutRedirects | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.21.0 | RFC1213-MIB::icmpOutEchos | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.22.0 | RFC1213-MIB::icmpOutEchoReps | 0 | Counter32: | 2 |
| .1.3.6.1.2.1.5.23.0 | RFC1213-MIB::icmpOutTimestamps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.24.0 | RFC1213-MIB::icmpOutTimestampReps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.25.0 | RFC1213-MIB::icmpOutAddrMasks | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.26.0 | RFC1213-MIB::icmpOutAddrMaskReps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.6.1.0 | TCP-MIB::tcpRtoAlgorithm | 0 | INTEGER: | vanj(4) |
| .1.3.6.1.2.1.6.2.0 | TCP-MIB::tcpRtoMin | 0 | INTEGER: | 1000 milliseconds |
| .1.3.6.1.2.1.6.3.0 | TCP-MIB::tcpRtoMax | 0 | INTEGER: | 64000 milliseconds |
| .1.3.6.1.2.1.6.4.0 | TCP-MIB::tcpMaxConn | 0 | INTEGER: | -1 |
| .1.3.6.1.2.1.6.5.0 | TCP-MIB::tcpActiveOpens | 0 | Counter32: | 170 |
| .1.3.6.1.2.1.6.6.0 | TCP-MIB::tcpPassiveOpens | 0 | Counter32: | 90 |
| .1.3.6.1.2.1.6.7.0 | TCP-MIB::tcpAttemptFails | 0 | Counter32: | 1 |
| .1.3.6.1.2.1.6.8.0 | TCP-MIB::tcpEstabResets | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.6.9.0 | TCP-MIB::tcpCurrEstab | 0 | Gauge32: | 37 |
| .1.3.6.1.2.1.6.10.0 | TCP-MIB::tcpInSegs | 0 | Counter32: | 56875 |
| .1.3.6.1.2.1.6.11.0 | TCP-MIB::tcpOutSegs | 0 | Counter32: | 52016 |
| .1.3.6.1.2.1.6.12.0 | TCP-MIB::tcpRetransSegs | 0 | Counter32: | 24 |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.21.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.21.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.25.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.25.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.80.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.80.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.443.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.443.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.2004.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.2004.0.0.0.0.0 | INTEGER: | listen(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
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| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.2006.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.2006.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.2007.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.2007.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.3999.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.3999.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.4001.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.4001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.5000.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.5000.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.5001.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.5001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.5002.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.5002.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.5003.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.5003.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.5004.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.5004.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.6830.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.6830.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.7011.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.7011.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.8000.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.8000.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.8001.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.8001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.15372.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.15372.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.15373.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.15373.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.49500.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.49500.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.49501.0.0.0.0.0 | TCP-MIB::tcpConnState | 0.0.0.0.49501.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.23.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.23.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1054.10.38.27.200.4001 | TCP-MIB::tcpConnState | 10.38.27.200.1054.10.38.27.200.4001 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1214.10.35.5.95.49501 | TCP-MIB::tcpConnState | 10.38.27.200.1197.10.35.5.95.49501 | INTEGER: | timeWait(11) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1215.10.35.5.95.49501 | TCP-MIB::tcpConnState | 10.38.27.200.1198.10.35.5.95.49501 | INTEGER: | timeWait(11) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1606.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1606.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1750.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1750.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1751.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1751.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1752.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1752.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1753.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1753.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1754.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1754.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.1755.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.1755.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.2001.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.2001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.4001.10.38.27.200.1054 | TCP-MIB::tcpConnState | 10.38.27.200.4001.10.38.27.200.1054 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.6000.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.6000.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.6800.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.6800.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.6802.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.6802.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.7011.10.35.5.95.3767 | TCP-MIB::tcpConnState | 10.38.27.200.7011.10.35.5.95.3767 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.15374.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.15374.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.49200.0.0.0.0.0 | TCP-MIB::tcpConnState | 10.38.27.200.49200.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.10.38.27.200.49200.10.38.27.201.1025 | TCP-MIB::tcpConnState | 10.38.27.200.49200.10.38.27.201.1025 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1025.127.0.0.1.1026 | TCP-MIB::tcpConnState | 127.0.0.1.1025.127.0.0.1.1 | INTEGER: | established(5) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | | 026 | | |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1026.127.0.0.1.1025 | TCP-MIB::tcpConnState | 127.0.0.1.1026.127.0.0.1.1025 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1027.127.0.0.1.7011 | TCP-MIB::tcpConnState | 127.0.0.1.1027.127.0.0.1.7011 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1028.127.0.0.1.7002 | TCP-MIB::tcpConnState | 127.0.0.1.1028.127.0.0.1.7002 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1031.127.0.0.1.5007 | TCP-MIB::tcpConnState | 127.0.0.1.1031.127.0.0.1.5007 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1032.127.0.0.1.5006 | TCP-MIB::tcpConnState | 127.0.0.1.1032.127.0.0.1.5006 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1033.127.0.0.1.1034 | TCP-MIB::tcpConnState | 127.0.0.1.1033.127.0.0.1.1034 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1034.127.0.0.1.1033 | TCP-MIB::tcpConnState | 127.0.0.1.1034.127.0.0.1.1033 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1036.127.0.0.1.7011 | TCP-MIB::tcpConnState | 127.0.0.1.1036.127.0.0.1.7011 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1037.127.0.0.1.49500 | TCP-MIB::tcpConnState | 127.0.0.1.1037.127.0.0.1.49500 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1039.127.0.0.1.1040 | TCP-MIB::tcpConnState | 127.0.0.1.1039.127.0.0.1.1040 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1040.127.0.0.1.1039 | TCP-MIB::tcpConnState | 127.0.0.1.1040.127.0.0.1.1039 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1042.127.0.0.1.7011 | TCP-MIB::tcpConnState | 127.0.0.1.1042.127.0.0.1.7011 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1043.127.0.0.1.49501 | TCP-MIB::tcpConnState | 127.0.0.1.1043.127.0.0.1.49501 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1044.127.0.0.1.1045 | TCP-MIB::tcpConnState | 127.0.0.1.1044.127.0.0.1.1045 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1045.127.0.0.1.1044 | TCP-MIB::tcpConnState | 127.0.0.1.1045.127.0.0.1.1044 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1046.127.0.0.1.1047 | TCP-MIB::tcpConnState | 127.0.0.1.1046.127.0.0.1.1047 | INTEGER: | established(5) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1047.127.0.0.1.1046 | TCP-MIB::tcpConnState | 127.0.0.1.1047.127.0.0.1.1046 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.1051.127.0.0.1.8000 | TCP-MIB::tcpConnState | 127.0.0.1.1051.127.0.0.1.8000 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.5006.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.5006.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.5006.127.0.0.1.1032 | TCP-MIB::tcpConnState | 127.0.0.1.5006.127.0.0.1.1032 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.5007.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.5007.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.5007.127.0.0.1.1031 | TCP-MIB::tcpConnState | 127.0.0.1.5007.127.0.0.1.1031 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.7001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7002.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.7002.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7002.127.0.0.1.1028 | TCP-MIB::tcpConnState | 127.0.0.1.7002.127.0.0.1.1028 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.7003.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7006.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.7006.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7011.127.0.0.1.1027 | TCP-MIB::tcpConnState | 127.0.0.1.7011.127.0.0.1.1027 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7011.127.0.0.1.1036 | TCP-MIB::tcpConnState | 127.0.0.1.7011.127.0.0.1.1036 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7011.127.0.0.1.1042 | TCP-MIB::tcpConnState | 127.0.0.1.7011.127.0.0.1.1042 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.8000.127.0.0.1.1051 | TCP-MIB::tcpConnState | 127.0.0.1.8000.127.0.0.1.1051 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.49500.127.0.0.1.1037 | TCP-MIB::tcpConnState | 127.0.0.1.49500.127.0.0.1.1037 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.49501.127.0.0.1.1043 | TCP-MIB::tcpConnState | 127.0.0.1.49501.127.0.0.1.1043 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.49502.0.0.0.0.0 | TCP-MIB::tcpConnState | 127.0.0.1.49502.0.0.0.0.0 | INTEGER: | listen(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.1.169.254 .10.1.5000.169.254.10.3.500 0 | TCP-MIB::tcpConnState | 169.254.10.1. 5000.169.254 .10.3.5000 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.169.254 .10.1.5001.169.254.10.3.499 9 | TCP-MIB::tcpConnState | 169.254.10.1. 5001.169.254 .10.3.4999 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.169.254 .10.1.5002.169.254.10.3.499 8 | TCP-MIB::tcpConnState | 169.254.10.1. 5002.169.254 .10.3.4998 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.169.254 .10.1.5003.169.254.10.3.499 7 | TCP-MIB::tcpConnState | 169.254.10.1. 5003.169.254 .10.3.4997 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.1.169.254 .10.1.5004.169.254.10.3.499 6 | TCP-MIB::tcpConnState | 169.254.10.1. 5004.169.254 .10.3.4996 | INTEGER: | established(5) |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 21.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.21.0.0 .0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 25.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.25.0.0 .0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 80.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.80.0.0 .0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 443.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.443.0. 0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 2002.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.2002. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 2004.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.2004. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 2005.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.2005. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 2006.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.2006. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 2007.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.2007. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 3999.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.3999. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0. 4001.0.0.0.0.0 | TCP- MIB::tcpConnLocalAddres s | 0.0.0.0.4001. 0.0.0.0.0 | IpAddress: | 0.0.0.0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.5000.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.5000.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.5001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.5001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.5002.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.5002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.5003.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.5003.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.5004.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.5004.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.6830.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.6830.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.7011.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.7011.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.8000.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.8000.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.8001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.8001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.15372.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.15372.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.15373.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.15373.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.49500.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.49500.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.49501.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 0.0.0.0.49501.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.23.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.23.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1054.10.38.27.200.4001 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1054.10.38.27.200.4001 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1214.10.35.5.95.49501 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1197.10.35.5.95.49501 | IpAddress: | 10.38.27.200 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1215.10.35.5.95.49501 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1198.10.35.5.95.49501 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1606.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1606.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1750.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1750.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1751.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1751.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1752.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1752.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1753.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1753.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1754.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1754.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.1755.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.1755.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.2001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.2001.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.4001.10.38.27.200.1054 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.4001.10.38.27.200.1054 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.6000.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.6000.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.6800.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.6800.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.6802.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.6802.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.7011.10.35.5.95.3767 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.7011.10.35.5.95.3767 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.15374.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.15374.0.0.0.0.0 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.49200.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.49200.0.0.0.0.0 | IpAddress: | 10.38.27.200 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.2.10.38.27.200.49200.10.38.27.201.1025 | TCP-MIB::tcpConnLocalAddress | 10.38.27.200.49200.10.38.27.201.1025 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1025.127.0.0.1.1026 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1025.127.0.0.1.1026 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1026.127.0.0.1.1025 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1026.127.0.0.1.1025 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1027.127.0.0.1.7011 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1027.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1028.127.0.0.1.7002 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1028.127.0.0.1.7002 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1031.127.0.0.1.5007 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1031.127.0.0.1.5007 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1032.127.0.0.1.5006 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1032.127.0.0.1.5006 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1033.127.0.0.1.1034 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1033.127.0.0.1.1034 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1034.127.0.0.1.1033 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1034.127.0.0.1.1033 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1036.127.0.0.1.7011 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1036.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1037.127.0.0.1.49500 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1037.127.0.0.1.49500 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1039.127.0.0.1.1040 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1039.127.0.0.1.1040 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1040.127.0.0.1.1039 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1040.127.0.0.1.1039 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1042.127.0.0.1.7011 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1042.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1043.127.0.0.1.49501 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1043.127.0.0.1.49501 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1044.127.0.0.1.1045 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1044.127.0.0.1.1045 | IpAddress: | 127.0.0.1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1045.127.0.0.1.1044 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1045.127.0.0.1.1044 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1046.127.0.0.1.1047 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1046.127.0.0.1.1047 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1047.127.0.0.1.1046 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1047.127.0.0.1.1046 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.1051.127.0.0.1.8000 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.1051.127.0.0.1.8000 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.5006.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.5006.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.5006.127.0.0.1.1032 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.5006.127.0.0.1.1032 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.5007.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.5007.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.5007.127.0.0.1.1031 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.5007.127.0.0.1.1031 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7001.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7002.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7002.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7002.127.0.0.1.1028 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7002.127.0.0.1.1028 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7003.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7006.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7006.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7011.127.0.0.1.1027 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7011.127.0.0.1.1027 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7011.127.0.0.1.1036 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7011.127.0.0.1.1036 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7011.127.0.0.1.1042 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.7011.127.0.0.1.1042 | IpAddress: | 127.0.0.1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.8000.127.0.0.1.1051 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.8000.127.0.0.1.1051 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.49500.127.0.0.1.1037 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.49500.127.0.0.1.1037 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.49501.127.0.0.1.1043 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.49501.127.0.0.1.1043 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.49502.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress | 127.0.0.1.49502.0.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.169.254.10.1.5000.169.254.10.3.5000 | TCP-MIB::tcpConnLocalAddress | 169.254.10.1.5000.169.254.10.3.5000 | IpAddress: | 169.254.10.1 |
| .1.3.6.1.2.1.6.13.1.2.169.254.10.1.5001.169.254.10.3.4999 | TCP-MIB::tcpConnLocalAddress | 169.254.10.1.5001.169.254.10.3.4999 | IpAddress: | 169.254.10.1 |
| .1.3.6.1.2.1.6.13.1.2.169.254.10.1.5002.169.254.10.3.4998 | TCP-MIB::tcpConnLocalAddress | 169.254.10.1.5002.169.254.10.3.4998 | IpAddress: | 169.254.10.1 |
| .1.3.6.1.2.1.6.13.1.2.169.254.10.1.5003.169.254.10.3.4997 | TCP-MIB::tcpConnLocalAddress | 169.254.10.1.5003.169.254.10.3.4997 | IpAddress: | 169.254.10.1 |
| .1.3.6.1.2.1.6.13.1.2.169.254.10.1.5004.169.254.10.3.4996 | TCP-MIB::tcpConnLocalAddress | 169.254.10.1.5004.169.254.10.3.4996 | IpAddress: | 169.254.10.1 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.21.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.21.0.0.0.0.0 | INTEGER: | 21 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.25.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.25.0.0.0.0.0 | INTEGER: | 25 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.80.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.80.0.0.0.0.0 | INTEGER: | 80 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.443.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.443.0.0.0.0.0 | INTEGER: | 443 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | 2002 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2004.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.2004.0.0.0.0.0 | INTEGER: | 2004 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2005.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.2005.0.0.0.0.0 | INTEGER: | 2005 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2006.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.2006.0.0.0.0.0 | INTEGER: | 2006 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2007.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.2007.0.0.0.0.0 | INTEGER: | 2007 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.3999.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.3999.0.0.0.0.0 | INTEGER: | 3999 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.4001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.4001.0.0.0.0.0 | INTEGER: | 4001 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.5000.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.5000.0.0.0.0.0 | INTEGER: | 5000 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.5001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.5001.0.0.0.0.0 | INTEGER: | 5001 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.5002.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.5002.0.0.0.0.0 | INTEGER: | 5002 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.5003.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.5003.0.0.0.0.0 | INTEGER: | 5003 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.5004.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.5004.0.0.0.0.0 | INTEGER: | 5004 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.6830.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.6830.0.0.0.0.0 | INTEGER: | 6830 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.7011.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.7011.0.0.0.0.0 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.8000.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.8000.0.0.0.0.0 | INTEGER: | 8000 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.8001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.8001.0.0.0.0.0 | INTEGER: | 8001 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.15372.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.15372.0.0.0.0.0 | INTEGER: | 15372 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.15373.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.15373.0.0.0.0.0 | INTEGER: | 15373 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.49500.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.49500.0.0.0.0.0 | INTEGER: | 49500 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.49501.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 0.0.0.0.49501.0.0.0.0.0 | INTEGER: | 49501 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.23.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.23.0.0.0.0.0 | INTEGER: | 23 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1054.10.38.27.200.4001 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1054.10.38.27.200.4001 | INTEGER: | 1054 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1214.10.35.5.95.49501 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1197.10.35.5.95.49501 | INTEGER: | 1197 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1215.10.35.5.95.49501 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1198.10.35.5.95.49501 | INTEGER: | 1198 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1606.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1606.0.0.0.0.0 | INTEGER: | 1606 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1750.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1750.0.0.0.0.0 | INTEGER: | 1750 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1751.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1751.0.0.0.0. | INTEGER: | 1751 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | | 0 | | |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1752.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1752.0.0.0.0.0 | INTEGER: | 1752 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1753.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1753.0.0.0.0.0 | INTEGER: | 1753 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1754.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1754.0.0.0.0.0 | INTEGER: | 1754 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.1755.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.1755.0.0.0.0.0 | INTEGER: | 1755 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.2001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.2001.0.0.0.0.0 | INTEGER: | 2001 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.4001.10.38.27.200.1054 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.4001.10.38.27.200.1054 | INTEGER: | 4001 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.6000.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.6000.0.0.0.0.0 | INTEGER: | 6000 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.6800.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.6800.0.0.0.0.0 | INTEGER: | 6800 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.6802.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.6802.0.0.0.0.0 | INTEGER: | 6802 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.7011.10.35.5.95.3767 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.7011.10.35.5.95.3767 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.15374.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.15374.0.0.0.0.0 | INTEGER: | 15374 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.49200.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.49200.0.0.0.0.0 | INTEGER: | 49200 |
| .1.3.6.1.2.1.6.13.1.3.10.38.27.200.49200.10.38.27.201.1025 | TCP-MIB::tcpConnLocalPort | 10.38.27.200.49200.10.38.27.201.1025 | INTEGER: | 49200 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1025.127.0.0.1.1026 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1025.127.0.0.1.1026 | INTEGER: | 1025 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1026.127.0.0.1.1025 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1026.127.0.0.1.1025 | INTEGER: | 1026 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1027.127.0.0.1.7011 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1027.127.0.0.1.7011 | INTEGER: | 1027 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1028.127.0.0.1.7002 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1028.127.0.0.1.7002 | INTEGER: | 1028 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1031.127.0.0.1.5007 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1031.127.0.0.1.5007 | INTEGER: | 1031 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1032.127.0.0.1.5006 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1032.127.0.0.1.5006 | INTEGER: | 1032 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1033.127.0.0.1.1034 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1033.127.0.0.1.1034 | INTEGER: | 1033 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1034.127.0.0.1.1033 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1034.127.0.0.1.1033 | INTEGER: | 1034 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1036.127.0.0.1.7011 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1036.127.0.0.1.7011 | INTEGER: | 1036 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1037.127.0.0.1.49500 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1037.127.0.0.1.49500 | INTEGER: | 1037 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1039.127.0.0.1.1040 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1039.127.0.0.1.1040 | INTEGER: | 1039 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1040.127.0.0.1.1039 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1040.127.0.0.1.1039 | INTEGER: | 1040 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1042.127.0.0.1.7011 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1042.127.0.0.1.7011 | INTEGER: | 1042 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1043.127.0.0.1.49501 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1043.127.0.0.1.49501 | INTEGER: | 1043 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1044.127.0.0.1.1045 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1044.127.0.0.1.1045 | INTEGER: | 1044 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1045.127.0.0.1.1044 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1045.127.0.0.1.1044 | INTEGER: | 1045 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1046.127.0.0.1.1047 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1046.127.0.0.1.1047 | INTEGER: | 1046 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1047.127.0.0.1.1046 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1047.127.0.0.1.1046 | INTEGER: | 1047 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.1051.127.0.0.1.8000 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.1051.127.0.0.1.8000 | INTEGER: | 1051 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.5006.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.5006.0.0.0.0.0 | INTEGER: | 5006 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.5006.127.0.0.1.1032 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.5006.127.0.0.1.1032 | INTEGER: | 5006 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.5007.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.5007.0.0.0.0.0 | INTEGER: | 5007 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.5007.127.0.0.1.1031 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.5007.127.0.0.1.1031 | INTEGER: | 5007 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7001.0.0.0.0.0 | INTEGER: | 7001 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7002.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7002.0.0.0.0.0 | INTEGER: | 7002 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7002.127.0.0.1.1028 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7002.127.0.0.1.1028 | INTEGER: | 7002 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7003.0.0.0.0.0 | INTEGER: | 7003 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7006.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7006.0.0.0.0.0 | INTEGER: | 7006 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7011.127.0.0.1.1027 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7011.127.0.0.1.1027 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7011.127.0.0.1.1036 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7011.127.0.0.1.1036 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7011.127.0.0.1.1042 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.7011.127.0.0.1.1042 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.8000.127.0.0.1.1051 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.8000.127.0.0.1.1051 | INTEGER: | 8000 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.49500.127.0.0.1.1037 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.49500.127.0.0.1.1037 | INTEGER: | 49500 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.49501.127.0.0.1.1043 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.49501.127.0.0.1.1043 | INTEGER: | 49501 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.49502.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort | 127.0.0.1.49502.0.0.0.0.0 | INTEGER: | 49502 |
| .1.3.6.1.2.1.6.13.1.3.169.254.10.1.5000.169.254.10.3.5000 | TCP-MIB::tcpConnLocalPort | 169.254.10.1.5000.169.254.10.3.5000 | INTEGER: | 5000 |
| .1.3.6.1.2.1.6.13.1.3.169.254.10.1.5001.169.254.10.3.4999 | TCP-MIB::tcpConnLocalPort | 169.254.10.1.5001.169.254.10.3.4999 | INTEGER: | 5001 |
| .1.3.6.1.2.1.6.13.1.3.169.254.10.1.5002.169.254.10.3.4998 | TCP-MIB::tcpConnLocalPort | 169.254.10.1.5002.169.254.10.3.4998 | INTEGER: | 5002 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.3.169.254.10.1.5003.169.254.10.3.4997 | TCP-MIB::tcpConnLocalPort | 169.254.10.1.5003.169.254.10.3.4997 | INTEGER: | 5003 |
| .1.3.6.1.2.1.6.13.1.3.169.254.10.1.5004.169.254.10.3.4996 | TCP-MIB::tcpConnLocalPort | 169.254.10.1.5004.169.254.10.3.4996 | INTEGER: | 5004 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.21.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.21.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.25.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.25.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.80.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.80.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.443.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.443.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.2002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2004.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.2004.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2005.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.2005.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2006.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.2006.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2007.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.2007.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.3999.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.3999.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.4001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.4001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.5000.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.5000.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.5001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.5001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.5002.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.5002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.5003.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.5003.0.0.0.0.0 | IpAddress: | 0.0.0.0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | s | | | |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.5004.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.5004.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.6830.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.6830.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.7011.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.7011.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.8000.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.8000.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.8001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.8001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.15372.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.15372.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.15373.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.15373.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.49500.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.49500.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.49501.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 0.0.0.0.49501.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.23.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.23.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1054.10.38.27.200.4001 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1054.10.38.27.200.4001 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1214.10.35.5.95.49501 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1197.10.35.5.95.49501 | IpAddress: | 10.35.5.95 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1215.10.35.5.95.49501 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1198.10.35.5.95.49501 | IpAddress: | 10.35.5.95 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1606.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1606.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1750.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1750.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1751.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1751.0.0.0.0.0 | IpAddress: | 0.0.0.0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1752.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1752.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1753.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1753.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1754.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1754.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.1755.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.1755.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.2001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.2001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.4001.10.38.27.200.1054 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.4001.10.38.27.200.1054 | IpAddress: | 10.38.27.200 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.6000.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.6000.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.6800.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.6800.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.6802.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.6802.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.7011.10.35.5.95.3767 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.7011.10.35.5.95.3767 | IpAddress: | 10.35.5.95 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.15374.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.15374.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.49200.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.49200.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.10.38.27.200.49200.10.38.27.201.1025 | TCP-MIB::tcpConnRemAddress | 10.38.27.200.49200.10.38.27.201.1025 | IpAddress: | 10.38.27.201 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1025.127.0.0.1.1026 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1025.127.0.0.1.1026 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1026.127.0.0.1.1025 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1026.127.0.0.1.1025 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1027.127.0.0.1.7011 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1027.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1028.127.0.0.1.7002 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1028.127.0.0.1.7 | IpAddress: | 127.0.0.1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | s | 002 | | |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1031.127.0.0.1.5007 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1031.127.0.0.1.5007 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1032.127.0.0.1.5006 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1032.127.0.0.1.5006 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1033.127.0.0.1.1034 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1033.127.0.0.1.1034 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1034.127.0.0.1.1033 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1034.127.0.0.1.1033 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1036.127.0.0.1.7011 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1036.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1037.127.0.0.1.49500 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1037.127.0.0.1.49500 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1039.127.0.0.1.1040 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1039.127.0.0.1.1040 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1040.127.0.0.1.1039 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1040.127.0.0.1.1039 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1042.127.0.0.1.7011 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1042.127.0.0.1.7011 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1043.127.0.0.1.49501 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1043.127.0.0.1.49501 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1044.127.0.0.1.1045 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1044.127.0.0.1.1045 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1045.127.0.0.1.1044 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1045.127.0.0.1.1044 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1046.127.0.0.1.1047 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1046.127.0.0.1.1047 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1047.127.0.0.1.1046 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1047.127.0.0.1.1046 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.1051.127.0.0.1.8000 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.1051.127.0.0.1.8000 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.5006.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.5006.0.0.0.0.0 | IpAddress: | 0.0.0.0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.5006.127.0.0.1.1032 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.5006.127.0.0.1.1032 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.5007.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.5007.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.5007.127.0.0.1.1031 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.5007.127.0.0.1.1031 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7002.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7002.127.0.0.1.1028 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7002.127.0.0.1.1028 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7003.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7006.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7006.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7011.127.0.0.1.1027 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7011.127.0.0.1.1027 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7011.127.0.0.1.1036 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7011.127.0.0.1.1036 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7011.127.0.0.1.1042 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.7011.127.0.0.1.1042 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.8000.127.0.0.1.1051 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.8000.127.0.0.1.1051 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.49500.127.0.0.1.1037 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.49500.127.0.0.1.1037 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.49501.127.0.0.1.1043 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.49501.127.0.0.1.1043 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.49502.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress | 127.0.0.1.49502.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.169.254.10.1.5000.169.254.10.3.5000 | TCP-MIB::tcpConnRemAddress | 169.254.10.1.5000.169.254.10.3.5000 | IpAddress: | 169.254.10.3 |
| .1.3.6.1.2.1.6.13.1.4.169.254.10.1.5001.169.254.10.3.499 | TCP-MIB::tcpConnRemAddress | 169.254.10.1.5001.169.254 | IpAddress: | 169.254.10.3 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| 9 | s | .10.3.4999 | | |
| .1.3.6.1.2.1.6.13.1.4.169.254.10.1.5002.169.254.10.3.4998 | TCP-MIB::tcpConnRemAddress | 169.254.10.1.5002.169.254.10.3.4998 | IpAddress: | 169.254.10.3 |
| .1.3.6.1.2.1.6.13.1.4.169.254.10.1.5003.169.254.10.3.4997 | TCP-MIB::tcpConnRemAddress | 169.254.10.1.5003.169.254.10.3.4997 | IpAddress: | 169.254.10.3 |
| .1.3.6.1.2.1.6.13.1.4.169.254.10.1.5004.169.254.10.3.4996 | TCP-MIB::tcpConnRemAddress | 169.254.10.1.5004.169.254.10.3.4996 | IpAddress: | 169.254.10.3 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.21.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.21.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.25.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.25.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.80.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.80.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.443.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.443.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2004.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.2004.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2005.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.2005.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2006.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.2006.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2007.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.2007.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.3999.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.3999.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.4001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.4001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.5000.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.5000.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.5001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.5001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.5002.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.5002.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.5003.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.5003.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.5004.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.5004.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.6830.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.6830.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.7011.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.7011.0.0.0.0.0 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.8000.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.8000.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.8001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.8001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.15372.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.15372.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.15373.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.15373.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.49500.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.49500.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.49501.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 0.0.0.0.49501.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.23.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.23.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1054.10.38.27.200.4001 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1054.10.38.27.200.4001 | INTEGER: | 4001 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1214.10.35.5.95.49501 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1197.10.35.5.95.49501 | INTEGER: | 49501 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1215.10.35.5.95.49501 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1198.10.35.5.95.49501 | INTEGER: | 49501 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1606.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1606.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1750.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1750.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1751.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1751.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1752.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1752.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1753.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1753.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1754.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1754.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.1755.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.1755.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.2001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.2001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.4001.10.38.27.200.10 | TCP- | 10.38.27.200.4001.10.38.2 | INTEGER: | 1054 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| 54 | MIB::tcpConnRemPort | 7.200.1054 | | |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.6000.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.6000.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.6800.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.6800.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.6802.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.6802.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.7011.10.35.5.95.3767 | TCP-MIB::tcpConnRemPort | 10.38.27.200.7011.10.35.5.95.3767 | INTEGER: | 3767 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.15374.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.15374.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.49200.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 10.38.27.200.49200.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.10.38.27.200.49200.10.38.27.201.1025 | TCP-MIB::tcpConnRemPort | 10.38.27.200.49200.10.38.27.201.1025 | INTEGER: | 1025 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1025.127.0.0.1.1026 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1025.127.0.0.1.1026 | INTEGER: | 1026 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1026.127.0.0.1.1025 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1026.127.0.0.1.1025 | INTEGER: | 1025 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1027.127.0.0.1.7011 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1027.127.0.0.1.7011 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1028.127.0.0.1.7002 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1028.127.0.0.1.7002 | INTEGER: | 7002 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1031.127.0.0.1.5007 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1031.127.0.0.1.5007 | INTEGER: | 5007 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1032.127.0.0.1.5006 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1032.127.0.0.1.5006 | INTEGER: | 5006 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1033.127.0.0.1.1034 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1033.127.0.0.1.1034 | INTEGER: | 1034 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1034.127.0.0.1.1033 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1034.127.0.0.1.1033 | INTEGER: | 1033 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1036.127.0.0.1.7011 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1036.127.0.0.1.7011 | INTEGER: | 7011 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1037.127.0.0.1.49500 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1037.127.0.0.1.49500 | INTEGER: | 49500 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1039.127.0.0.1.1040 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1039.127.0.0.1.1040 | INTEGER: | 1040 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1040.127.0.0.1.1039 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1040.127.0.0.1.1039 | INTEGER: | 1039 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1042.127.0.0.1.7011 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1042.127.0.0.1.7011 | INTEGER: | 7011 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1043.127.0.0.1.49501 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1043.127.0.0.1.49501 | INTEGER: | 49501 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1044.127.0.0.1.1045 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1044.127.0.0.1.1045 | INTEGER: | 1045 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1045.127.0.0.1.1044 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1045.127.0.0.1.1044 | INTEGER: | 1044 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1046.127.0.0.1.1047 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1046.127.0.0.1.1047 | INTEGER: | 1047 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1047.127.0.0.1.1046 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1047.127.0.0.1.1046 | INTEGER: | 1046 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.1051.127.0.0.1.8000 | TCP-MIB::tcpConnRemPort | 127.0.0.1.1051.127.0.0.1.8000 | INTEGER: | 8000 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.5006.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.5006.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.5006.127.0.0.1.1032 | TCP-MIB::tcpConnRemPort | 127.0.0.1.5006.127.0.0.1.1032 | INTEGER: | 1032 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.5007.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.5007.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.5007.127.0.0.1.1031 | TCP-MIB::tcpConnRemPort | 127.0.0.1.5007.127.0.0.1.1031 | INTEGER: | 1031 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7002.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7002.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7002.127.0.0.1.1028 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7002.127.0.0.1.1028 | INTEGER: | 1028 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7003.0.0.0.0.0 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7006.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7006.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7011.127.0.0.1.1027 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7011.127.0.0.1.1027 | INTEGER: | 1027 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7011.127.0.0.1.1036 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7011.127.0.0.1.1036 | INTEGER: | 1036 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7011.127.0.0.1.1042 | TCP-MIB::tcpConnRemPort | 127.0.0.1.7011.127.0.0.1.1042 | INTEGER: | 1042 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.8000.127.0.0.1.1051 | TCP-MIB::tcpConnRemPort | 127.0.0.1.8000.127.0.0.1.1051 | INTEGER: | 1051 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.49500.127.0.0.1.1037 | TCP-MIB::tcpConnRemPort | 127.0.0.1.49500.127.0.0.1.1037 | INTEGER: | 1037 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.49501.127.0.0.1.1043 | TCP-MIB::tcpConnRemPort | 127.0.0.1.49501.127.0.0.1.1043 | INTEGER: | 1043 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.49502.0.0.0.0.0 | TCP-MIB::tcpConnRemPort | 127.0.0.1.49502.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.169.254.10.1.5000.169.254.10.3.5000 | TCP-MIB::tcpConnRemPort | 169.254.10.1.5000.169.254.10.3.5000 | INTEGER: | 5000 |
| .1.3.6.1.2.1.6.13.1.5.169.254.10.1.5001.169.254.10.3.4999 | TCP-MIB::tcpConnRemPort | 169.254.10.1.5001.169.254.10.3.4999 | INTEGER: | 4999 |
| .1.3.6.1.2.1.6.13.1.5.169.254.10.1.5002.169.254.10.3.4998 | TCP-MIB::tcpConnRemPort | 169.254.10.1.5002.169.254.10.3.4998 | INTEGER: | 4998 |
| .1.3.6.1.2.1.6.13.1.5.169.254.10.1.5003.169.254.10.3.4997 | TCP-MIB::tcpConnRemPort | 169.254.10.1.5003.169.254.10.3.4997 | INTEGER: | 4997 |
| .1.3.6.1.2.1.6.13.1.5.169.254.10.1.5004.169.254.10.3.4996 | TCP-MIB::tcpConnRemPort | 169.254.10.1.5004.169.254.10.3.4996 | INTEGER: | 4996 |
| .1.3.6.1.2.1.6.14.0 | TCP-MIB::tcpInErrs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.6.15.0 | TCP-MIB::tcpOutRsts | 0 | Counter32: | 134 |
| .1.3.6.1.2.1.7.1.0 | UDP-MIB::udpInDatagrams | 0 | Counter32: | 12590 |
| .1.3.6.1.2.1.7.2.0 | UDP-MIB::udpNoPorts | 0 | Counter32: | 307 |
| .1.3.6.1.2.1.7.3.0 | UDP-MIB::udpInErrors | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.7.4.0 | UDP-MIB::udpOutDatagrams | 0 | Counter32: | 12221 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.67 | UDP-MIB::udpLocalAddress | 0.0.0.0.67 | IpAddress: | 0.0.0.0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.69 | UDP-MIB::udpLocalAddress | 0.0.0.0.69 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.161 | UDP-MIB::udpLocalAddress | 0.0.0.0.161 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.20001 | UDP-MIB::udpLocalAddress | 0.0.0.0.20001 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.49202 | UDP-MIB::udpLocalAddress | 0.0.0.0.49202 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.67 | UDP-MIB::udpLocalPort | 0.0.0.0.67 | INTEGER: | 67 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.69 | UDP-MIB::udpLocalPort | 0.0.0.0.69 | INTEGER: | 69 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.161 | UDP-MIB::udpLocalPort | 0.0.0.0.161 | INTEGER: | 161 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.20001 | UDP-MIB::udpLocalPort | 0.0.0.0.20001 | INTEGER: | 20001 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.49202 | UDP-MIB::udpLocalPort | 0.0.0.0.49202 | INTEGER: | 49202 |
| .1.3.6.1.2.1.10.7.2.1.1.1 | EtherLike-MIB::dot3StatsIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.10.7.2.1.1.2 | EtherLike-MIB::dot3StatsIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.2.1.10.7.2.1.1.3 | EtherLike-MIB::dot3StatsIndex | 3 | INTEGER: | 3 |
| .1.3.6.1.2.1.10.7.2.1.1.4 | EtherLike-MIB::dot3StatsIndex | 4 | INTEGER: | 4 |
| .1.3.6.1.2.1.10.7.2.1.1.5 | EtherLike-MIB::dot3StatsIndex | 5 | INTEGER: | 5 |
| .1.3.6.1.2.1.10.7.2.1.1.6 | EtherLike-MIB::dot3StatsIndex | 6 | INTEGER: | 6 |
| .1.3.6.1.2.1.10.7.2.1.1.7 | EtherLike-MIB::dot3StatsIndex | 7 | INTEGER: | 7 |
| .1.3.6.1.2.1.10.7.2.1.1.8 | EtherLike-MIB::dot3StatsIndex | 8 | INTEGER: | 8 |
| .1.3.6.1.2.1.10.7.2.1.1.9 | EtherLike-MIB::dot3StatsIndex | 9 | INTEGER: | 9 |
| .1.3.6.1.2.1.10.7.2.1.1.10 | EtherLike-MIB::dot3StatsIndex | 10 | INTEGER: | 10 |
| .1.3.6.1.2.1.10.7.2.1.1.11 | EtherLike-MIB::dot3StatsIndex | 11 | INTEGER: | 11 |
| .1.3.6.1.2.1.10.7.2.1.2.1 | EtherLike-MIB::dot3StatsAlignmentErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.2 | EtherLike-MIB::dot3StatsAlignmentErrors | 2 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.2.3 | EtherLike-MIB::dot3StatsAlignmentErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.4 | EtherLike-MIB::dot3StatsAlignmentErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.5 | EtherLike-MIB::dot3StatsAlignmentErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.6 | EtherLike-MIB::dot3StatsAlignmentErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.7 | EtherLike-MIB::dot3StatsAlignmentErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.8 | EtherLike-MIB::dot3StatsAlignmentErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.9 | EtherLike-MIB::dot3StatsAlignmentErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.10 | EtherLike-MIB::dot3StatsAlignmentErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.2.11 | EtherLike-MIB::dot3StatsAlignmentErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.1 | EtherLike-MIB::dot3StatsFCSErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.2 | EtherLike-MIB::dot3StatsFCSErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.3 | EtherLike-MIB::dot3StatsFCSErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.4 | EtherLike-MIB::dot3StatsFCSErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.5 | EtherLike-MIB::dot3StatsFCSErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.6 | EtherLike-MIB::dot3StatsFCSErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.7 | EtherLike-MIB::dot3StatsFCSErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.8 | EtherLike-MIB::dot3StatsFCSErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.9 | EtherLike-MIB::dot3StatsFCSErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.10 | EtherLike-MIB::dot3StatsFCSErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.3.11 | EtherLike- | 11 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::dot3StatsFCSErrors | | | |
| .1.3.6.1.2.1.10.7.2.1.4.1 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.2 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.3 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.4 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.5 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.6 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.7 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.8 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.9 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.10 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.4.11 | EtherLike-MIB::dot3StatsSingleCollisionFrames | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.1 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.2 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.3 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.4 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.5 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 5 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.5.6 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.7 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.8 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.9 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.10 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.5.11 | EtherLike-MIB::dot3StatsMultipleCollisionFrames | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.1 | EtherLike-MIB::dot3StatsSQETestErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.2 | EtherLike-MIB::dot3StatsSQETestErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.3 | EtherLike-MIB::dot3StatsSQETestErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.4 | EtherLike-MIB::dot3StatsSQETestErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.5 | EtherLike-MIB::dot3StatsSQETestErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.6 | EtherLike-MIB::dot3StatsSQETestErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.7 | EtherLike-MIB::dot3StatsSQETestErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.8 | EtherLike-MIB::dot3StatsSQETestErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.9 | EtherLike-MIB::dot3StatsSQETestErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.10 | EtherLike-MIB::dot3StatsSQETestErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.6.11 | EtherLike-MIB::dot3StatsSQETestEr | 11 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | rors | | | |
| .1.3.6.1.2.1.10.7.2.1.7.1 | EtherLike-MIB::dot3StatsDeferredTransmissions | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.2 | EtherLike-MIB::dot3StatsDeferredTransmissions | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.3 | EtherLike-MIB::dot3StatsDeferredTransmissions | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.4 | EtherLike-MIB::dot3StatsDeferredTransmissions | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.5 | EtherLike-MIB::dot3StatsDeferredTransmissions | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.6 | EtherLike-MIB::dot3StatsDeferredTransmissions | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.7 | EtherLike-MIB::dot3StatsDeferredTransmissions | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.8 | EtherLike-MIB::dot3StatsDeferredTransmissions | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.9 | EtherLike-MIB::dot3StatsDeferredTransmissions | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.10 | EtherLike-MIB::dot3StatsDeferredTransmissions | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.7.11 | EtherLike-MIB::dot3StatsDeferredTransmissions | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.1 | EtherLike-MIB::dot3StatsLateCollisions | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.2 | EtherLike-MIB::dot3StatsLateCollisions | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.3 | EtherLike-MIB::dot3StatsLateCollisions | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.4 | EtherLike-MIB::dot3StatsLateCollisions | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.5 | EtherLike-MIB::dot3StatsLateCollisions | 5 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.8.6 | EtherLike-MIB::dot3StatsLateCollisions | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.7 | EtherLike-MIB::dot3StatsLateCollisions | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.8 | EtherLike-MIB::dot3StatsLateCollisions | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.9 | EtherLike-MIB::dot3StatsLateCollisions | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.10 | EtherLike-MIB::dot3StatsLateCollisions | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.8.11 | EtherLike-MIB::dot3StatsLateCollisions | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.1 | EtherLike-MIB::dot3StatsExcessiveCollisions | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.2 | EtherLike-MIB::dot3StatsExcessiveCollisions | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.3 | EtherLike-MIB::dot3StatsExcessiveCollisions | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.4 | EtherLike-MIB::dot3StatsExcessiveCollisions | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.5 | EtherLike-MIB::dot3StatsExcessiveCollisions | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.6 | EtherLike-MIB::dot3StatsExcessiveCollisions | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.7 | EtherLike-MIB::dot3StatsExcessiveCollisions | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.8 | EtherLike-MIB::dot3StatsExcessiveCollisions | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.9 | EtherLike-MIB::dot3StatsExcessiveCollisions | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.10 | EtherLike-MIB::dot3StatsExcessiveCollisions | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.9.11 | EtherLike-MIB::dot3StatsExcessiveC | 11 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | ollisions | | | |
| .1.3.6.1.2.1.10.7.2.1.10.1 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.2 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.3 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.4 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.5 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.6 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.7 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.8 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.9 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.10 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.10.11 | EtherLike-MIB::dot3StatsInternalMacTransmitErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.1 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.2 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.3 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.4 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.5 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 5 | Counter32: | 0 |

**165**

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.11.6 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.7 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.8 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.9 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.10 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.11.11 | EtherLike-MIB::dot3StatsCarrierSenseErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.1 | EtherLike-MIB::dot3StatsFrameTooLongs | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.2 | EtherLike-MIB::dot3StatsFrameTooLongs | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.3 | EtherLike-MIB::dot3StatsFrameTooLongs | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.4 | EtherLike-MIB::dot3StatsFrameTooLongs | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.5 | EtherLike-MIB::dot3StatsFrameTooLongs | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.6 | EtherLike-MIB::dot3StatsFrameTooLongs | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.7 | EtherLike-MIB::dot3StatsFrameTooLongs | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.8 | EtherLike-MIB::dot3StatsFrameTooLongs | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.9 | EtherLike-MIB::dot3StatsFrameTooLongs | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.13.10 | EtherLike-MIB::dot3StatsFrameTooLongs | 10 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.13.11 | EtherLike-MIB::dot3StatsFrameTooLongs | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.1 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.2 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.3 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.4 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.5 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.6 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.7 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.8 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.9 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.10 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.16.11 | EtherLike-MIB::dot3StatsInternalMacReceiveErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.17.1 | EtherLike-MIB::dot3StatsEtherChipSet | 1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.2 | EtherLike-MIB::dot3StatsEtherChipSet | 2 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.3 | EtherLike-MIB::dot3StatsEtherChipSet | 3 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.4 | EtherLike-MIB::dot3StatsEtherChipSet | 4 | OID: | SNMPv2-SMI::zeroDotZero |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.17.5 | EtherLike-MIB::dot3StatsEtherChipSet | 5 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.6 | EtherLike-MIB::dot3StatsEtherChipSet | 6 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.7 | EtherLike-MIB::dot3StatsEtherChipSet | 7 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.8 | EtherLike-MIB::dot3StatsEtherChipSet | 8 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.9 | EtherLike-MIB::dot3StatsEtherChipSet | 9 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.10 | EtherLike-MIB::dot3StatsEtherChipSet | 10 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.17.11 | EtherLike-MIB::dot3StatsEtherChipSet | 11 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.10.7.2.1.18.1 | EtherLike-MIB::dot3StatsSymbolErrors | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.2 | EtherLike-MIB::dot3StatsSymbolErrors | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.3 | EtherLike-MIB::dot3StatsSymbolErrors | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.4 | EtherLike-MIB::dot3StatsSymbolErrors | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.5 | EtherLike-MIB::dot3StatsSymbolErrors | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.6 | EtherLike-MIB::dot3StatsSymbolErrors | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.7 | EtherLike-MIB::dot3StatsSymbolErrors | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.8 | EtherLike-MIB::dot3StatsSymbolErrors | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.9 | EtherLike-MIB::dot3StatsSymbolErrors | 9 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.18.10 | EtherLike-MIB::dot3StatsSymbolErrors | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.18.11 | EtherLike-MIB::dot3StatsSymbolErrors | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.2.1.19.1 | EtherLike-MIB::dot3StatsDuplexStatus | 1 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.2 | EtherLike-MIB::dot3StatsDuplexStatus | 2 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.3 | EtherLike-MIB::dot3StatsDuplexStatus | 3 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.4 | EtherLike-MIB::dot3StatsDuplexStatus | 4 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.5 | EtherLike-MIB::dot3StatsDuplexStatus | 5 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.6 | EtherLike-MIB::dot3StatsDuplexStatus | 6 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.7 | EtherLike-MIB::dot3StatsDuplexStatus | 7 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.8 | EtherLike-MIB::dot3StatsDuplexStatus | 8 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.9 | EtherLike-MIB::dot3StatsDuplexStatus | 9 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.10 | EtherLike-MIB::dot3StatsDuplexStatus | 10 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.19.11 | EtherLike-MIB::dot3StatsDuplexStatus | 11 | INTEGER: | fullDuplex(3) |
| .1.3.6.1.2.1.10.7.2.1.20.1 | EtherLike-MIB::dot3StatsRateControlAbility | 1 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.2 | EtherLike-MIB::dot3StatsRateControlAbility | 2 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.3 | EtherLike-MIB::dot3StatsRateControlAbility | 3 | INTEGER: | false(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.2.1.20.4 | EtherLike-MIB::dot3StatsRateControlAbility | 4 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.5 | EtherLike-MIB::dot3StatsRateControlAbility | 5 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.6 | EtherLike-MIB::dot3StatsRateControlAbility | 6 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.7 | EtherLike-MIB::dot3StatsRateControlAbility | 7 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.8 | EtherLike-MIB::dot3StatsRateControlAbility | 8 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.9 | EtherLike-MIB::dot3StatsRateControlAbility | 9 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.10 | EtherLike-MIB::dot3StatsRateControlAbility | 10 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.20.11 | EtherLike-MIB::dot3StatsRateControlAbility | 11 | INTEGER: | false(2) |
| .1.3.6.1.2.1.10.7.2.1.21.1 | EtherLike-MIB::dot3StatsRateControlStatus | 1 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.2 | EtherLike-MIB::dot3StatsRateControlStatus | 2 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.3 | EtherLike-MIB::dot3StatsRateControlStatus | 3 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.4 | EtherLike-MIB::dot3StatsRateControlStatus | 4 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.5 | EtherLike-MIB::dot3StatsRateControlStatus | 5 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.6 | EtherLike-MIB::dot3StatsRateControlStatus | 6 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.7 | EtherLike-MIB::dot3StatsRateControlStatus | 7 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.8 | EtherLike-MIB::dot3StatsRateControlStatus | 8 | INTEGER: | rateControlOff(1) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.10.7.2.1.21.9 | EtherLike-MIB::dot3StatsRateControlStatus | 9 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.10 | EtherLike-MIB::dot3StatsRateControlStatus | 10 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.2.1.21.11 | EtherLike-MIB::dot3StatsRateControlStatus | 11 | INTEGER: | rateControlOff(1) |
| .1.3.6.1.2.1.10.7.10.1.1.1 | EtherLike-MIB::dot3PauseAdminMode | 1 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.2 | EtherLike-MIB::dot3PauseAdminMode | 2 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.3 | EtherLike-MIB::dot3PauseAdminMode | 3 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.4 | EtherLike-MIB::dot3PauseAdminMode | 4 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.5 | EtherLike-MIB::dot3PauseAdminMode | 5 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.6 | EtherLike-MIB::dot3PauseAdminMode | 6 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.7 | EtherLike-MIB::dot3PauseAdminMode | 7 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.8 | EtherLike-MIB::dot3PauseAdminMode | 8 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.9 | EtherLike-MIB::dot3PauseAdminMode | 9 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.10 | EtherLike-MIB::dot3PauseAdminMode | 10 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.1.11 | EtherLike-MIB::dot3PauseAdminMode | 11 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.1 | EtherLike-MIB::dot3PauseOperMode | 1 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.2 | EtherLike-MIB::dot3PauseOperMode | 2 | INTEGER: | disabled(1) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.10.7.10.1.2.3 | EtherLike-MIB::dot3PauseOperMode | 3 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.4 | EtherLike-MIB::dot3PauseOperMode | 4 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.5 | EtherLike-MIB::dot3PauseOperMode | 5 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.6 | EtherLike-MIB::dot3PauseOperMode | 6 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.7 | EtherLike-MIB::dot3PauseOperMode | 7 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.8 | EtherLike-MIB::dot3PauseOperMode | 8 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.9 | EtherLike-MIB::dot3PauseOperMode | 9 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.10 | EtherLike-MIB::dot3PauseOperMode | 10 | INTEGER: | disabled(1) |
| .1.3.6.1.2.1.10.7.10.1.2.11 | EtherLike-MIB::dot3PauseOperMode | 11 | INTEGER: | enabledXmitAndRcv(4) |
| .1.3.6.1.2.1.10.7.10.1.3.1 | EtherLike-MIB::dot3InPauseFrames | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.2 | EtherLike-MIB::dot3InPauseFrames | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.3 | EtherLike-MIB::dot3InPauseFrames | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.4 | EtherLike-MIB::dot3InPauseFrames | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.5 | EtherLike-MIB::dot3InPauseFrames | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.6 | EtherLike-MIB::dot3InPauseFrames | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.7 | EtherLike-MIB::dot3InPauseFrames | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.8 | EtherLike-MIB::dot3InPauseFrames | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.9 | EtherLike-MIB::dot3InPauseFrames | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.10 | EtherLike-MIB::dot3InPauseFrames | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.3.11 | EtherLike- | 11 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::dot3InPauseFrames | | | |
| .1.3.6.1.2.1.10.7.10.1.4.1 | EtherLike-MIB::dot3OutPauseFrames | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.2 | EtherLike-MIB::dot3OutPauseFrames | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.3 | EtherLike-MIB::dot3OutPauseFrames | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.4 | EtherLike-MIB::dot3OutPauseFrames | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.5 | EtherLike-MIB::dot3OutPauseFrames | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.6 | EtherLike-MIB::dot3OutPauseFrames | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.7 | EtherLike-MIB::dot3OutPauseFrames | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.8 | EtherLike-MIB::dot3OutPauseFrames | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.9 | EtherLike-MIB::dot3OutPauseFrames | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.10 | EtherLike-MIB::dot3OutPauseFrames | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.10.7.10.1.4.11 | EtherLike-MIB::dot3OutPauseFrames | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.11.1.0 | SNMPv2-MIB::snmpInPkts | 0 | Counter32: | 1242 |
| .1.3.6.1.2.1.11.2.0 | SNMPv2-MIB::snmpOutPkts | 0 | Counter32: | 1243 |
| .1.3.6.1.2.1.11.3.0 | SNMPv2-MIB::snmpInBadVersions | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.4.0 | SNMPv2-MIB::snmpInBadCommunityNames | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.5.0 | SNMPv2-MIB::snmpInBadCommunityUses | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.6.0 | SNMPv2-MIB::snmpInASNParseErrs | 0 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.11.8.0 | SNMPv2-MIB::snmpInTooBigs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.9.0 | SNMPv2-MIB::snmpInNoSuchNames | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.10.0 | SNMPv2-MIB::snmpInBadValues | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.11.0 | SNMPv2-MIB::snmpInReadOnlys | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.12.0 | SNMPv2-MIB::snmpInGenErrs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.13.0 | SNMPv2-MIB::snmpInTotalReqVars | 0 | Counter32: | 1270 |
| .1.3.6.1.2.1.11.14.0 | SNMPv2-MIB::snmpInTotalSetVars | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.15.0 | SNMPv2-MIB::snmpInGetRequests | 0 | Counter32: | 182 |
| .1.3.6.1.2.1.11.16.0 | SNMPv2-MIB::snmpInGetNexts | 0 | Counter32: | 1074 |
| .1.3.6.1.2.1.11.17.0 | SNMPv2-MIB::snmpInSetRequests | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.18.0 | SNMPv2-MIB::snmpInGetResponses | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.19.0 | SNMPv2-MIB::snmpInTraps | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.20.0 | SNMPv2-MIB::snmpOutTooBigs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.21.0 | SNMPv2-MIB::snmpOutNoSuchNames | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.22.0 | SNMPv2-MIB::snmpOutBadValues | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.24.0 | SNMPv2-MIB::snmpOutGenErrs | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.25.0 | SNMPv2-MIB::snmpOutGetRequests | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.26.0 | SNMPv2-MIB::snmpOutGetNexts | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.27.0 | SNMPv2-MIB::snmpOutSetRequests | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.28.0 | SNMPv2-MIB::snmpOutGetResponses | 0 | Counter32: | 1266 |
| .1.3.6.1.2.1.11.29.0 | SNMPv2- | 0 | Counter32: | 1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::snmpOutTraps | | | |
| .1.3.6.1.2.1.11.30.0 | SNMPv2-MIB::snmpEnableAuthenTraps | 0 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.16.1.1.1.1.1 | RMON-MIB::etherStatsIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.16.1.1.1.1.2 | RMON-MIB::etherStatsIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.2.1.16.1.1.1.1.3 | RMON-MIB::etherStatsIndex | 3 | INTEGER: | 3 |
| .1.3.6.1.2.1.16.1.1.1.1.4 | RMON-MIB::etherStatsIndex | 4 | INTEGER: | 4 |
| .1.3.6.1.2.1.16.1.1.1.1.5 | RMON-MIB::etherStatsIndex | 5 | INTEGER: | 5 |
| .1.3.6.1.2.1.16.1.1.1.1.6 | RMON-MIB::etherStatsIndex | 6 | INTEGER: | 6 |
| .1.3.6.1.2.1.16.1.1.1.1.7 | RMON-MIB::etherStatsIndex | 7 | INTEGER: | 7 |
| .1.3.6.1.2.1.16.1.1.1.1.8 | RMON-MIB::etherStatsIndex | 8 | INTEGER: | 8 |
| .1.3.6.1.2.1.16.1.1.1.1.9 | RMON-MIB::etherStatsIndex | 9 | INTEGER: | 9 |
| .1.3.6.1.2.1.16.1.1.1.1.10 | RMON-MIB::etherStatsIndex | 10 | INTEGER: | 10 |
| .1.3.6.1.2.1.16.1.1.1.1.11 | RMON-MIB::etherStatsIndex | 11 | INTEGER: | 11 |
| .1.3.6.1.2.1.16.1.1.1.2.1 | RMON-MIB::etherStatsDataSource | 1 | OID: | IF-MIB::ifIndex.1 |
| .1.3.6.1.2.1.16.1.1.1.2.2 | RMON-MIB::etherStatsDataSource | 2 | OID: | IF-MIB::ifIndex.2 |
| .1.3.6.1.2.1.16.1.1.1.2.3 | RMON-MIB::etherStatsDataSource | 3 | OID: | IF-MIB::ifIndex.3 |
| .1.3.6.1.2.1.16.1.1.1.2.4 | RMON-MIB::etherStatsDataSource | 4 | OID: | IF-MIB::ifIndex.4 |
| .1.3.6.1.2.1.16.1.1.1.2.5 | RMON-MIB::etherStatsDataSource | 5 | OID: | IF-MIB::ifIndex.5 |
| .1.3.6.1.2.1.16.1.1.1.2.6 | RMON-MIB::etherStatsDataSource | 6 | OID: | IF-MIB::ifIndex.6 |
| .1.3.6.1.2.1.16.1.1.1.2.7 | RMON-MIB::etherStatsDataSource | 7 | OID: | IF-MIB::ifIndex.7 |
| .1.3.6.1.2.1.16.1.1.1.2.8 | RMON- | 8 | OID: | IF-MIB::ifIndex.8 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::etherStatsDataSource | | | |
| .1.3.6.1.2.1.16.1.1.1.2.9 | RMON-MIB::etherStatsDataSource | 9 | OID: | IF-MIB::ifIndex.9 |
| .1.3.6.1.2.1.16.1.1.1.2.10 | RMON-MIB::etherStatsDataSource | 10 | OID: | IF-MIB::ifIndex.10 |
| .1.3.6.1.2.1.16.1.1.1.2.11 | RMON-MIB::etherStatsDataSource | 11 | OID: | IF-MIB::ifIndex.11 |
| .1.3.6.1.2.1.16.1.1.1.3.1 | RMON-MIB::etherStatsDropEvents | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.2 | RMON-MIB::etherStatsDropEvents | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.3 | RMON-MIB::etherStatsDropEvents | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.4 | RMON-MIB::etherStatsDropEvents | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.5 | RMON-MIB::etherStatsDropEvents | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.6 | RMON-MIB::etherStatsDropEvents | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.7 | RMON-MIB::etherStatsDropEvents | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.8 | RMON-MIB::etherStatsDropEvents | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.9 | RMON-MIB::etherStatsDropEvents | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.10 | RMON-MIB::etherStatsDropEvents | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.3.11 | RMON-MIB::etherStatsDropEvents | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.16.1.1.1.4.1 | RMON-MIB::etherStatsOctets | 1 | Counter32: | 2283463 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.2 | RMON-MIB::etherStatsOctets | 2 | Counter32: | 0 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.3 | RMON- | 3 | Counter32: | 1870989 Octets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::etherStatsOctets | | | |
| .1.3.6.1.2.1.16.1.1.1.4.4 | RMON-MIB::etherStatsOctets | 4 | Counter32: | 280018 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.5 | RMON-MIB::etherStatsOctets | 5 | Counter32: | 540682 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.6 | RMON-MIB::etherStatsOctets | 6 | Counter32: | 280018 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.7 | RMON-MIB::etherStatsOctets | 7 | Counter32: | 0 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.8 | RMON-MIB::etherStatsOctets | 8 | Counter32: | 0 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.9 | RMON-MIB::etherStatsOctets | 9 | Counter32: | 0 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.10 | RMON-MIB::etherStatsOctets | 10 | Counter32: | 0 Octets |
| .1.3.6.1.2.1.16.1.1.1.4.11 | RMON-MIB::etherStatsOctets | 11 | Counter32: | 1771374 Octets |
| .1.3.6.1.2.1.16.1.1.1.5.1 | RMON-MIB::etherStatsPkts | 1 | Counter32: | 11739 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.2 | RMON-MIB::etherStatsPkts | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.3 | RMON-MIB::etherStatsPkts | 3 | Counter32: | 6914 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.4 | RMON-MIB::etherStatsPkts | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.5 | RMON-MIB::etherStatsPkts | 5 | Counter32: | 4164 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.6 | RMON-MIB::etherStatsPkts | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.7 | RMON-MIB::etherStatsPkts | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.8 | RMON-MIB::etherStatsPkts | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.9 | RMON-MIB::etherStatsPkts | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.10 | RMON-MIB::etherStatsPkts | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.5.11 | RMON-MIB::etherStatsPkts | 11 | Counter32: | 1371 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.1 | RMON-MIB::etherStatsBroadcastPkts | 1 | Counter32: | 3389 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.2 | RMON-MIB::etherStatsBroadcastPkts | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.3 | RMON-MIB::etherStatsBroadcast | 3 | Counter32: | 3 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | Pkts | | | |
| .1.3.6.1.2.1.16.1.1.1.6.4 | RMON-MIB::etherStatsBroadcast Pkts | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.5 | RMON-MIB::etherStatsBroadcast Pkts | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.6 | RMON-MIB::etherStatsBroadcast Pkts | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.7 | RMON-MIB::etherStatsBroadcast Pkts | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.8 | RMON-MIB::etherStatsBroadcast Pkts | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.9 | RMON-MIB::etherStatsBroadcast Pkts | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.10 | RMON-MIB::etherStatsBroadcast Pkts | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.6.11 | RMON-MIB::etherStatsBroadcast Pkts | 11 | Counter32: | 1 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.1 | RMON-MIB::etherStatsMulticastP kts | 1 | Counter32: | 55 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.2 | RMON-MIB::etherStatsMulticastP kts | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.3 | RMON-MIB::etherStatsMulticastP kts | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.4 | RMON-MIB::etherStatsMulticastP kts | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.5 | RMON-MIB::etherStatsMulticastP kts | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.6 | RMON-MIB::etherStatsMulticastP kts | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.7 | RMON-MIB::etherStatsMulticastP kts | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.8 | RMON-MIB::etherStatsMulticastP kts | 8 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.16.1.1.1.7.9 | RMON-MIB::etherStatsMulticastPkts | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.10 | RMON-MIB::etherStatsMulticastPkts | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.7.11 | RMON-MIB::etherStatsMulticastPkts | 11 | Counter32: | 16 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.1 | RMON-MIB::etherStatsCRCAlignErrors | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.2 | RMON-MIB::etherStatsCRCAlignErrors | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.3 | RMON-MIB::etherStatsCRCAlignErrors | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.4 | RMON-MIB::etherStatsCRCAlignErrors | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.5 | RMON-MIB::etherStatsCRCAlignErrors | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.6 | RMON-MIB::etherStatsCRCAlignErrors | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.7 | RMON-MIB::etherStatsCRCAlignErrors | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.8 | RMON-MIB::etherStatsCRCAlignErrors | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.9 | RMON-MIB::etherStatsCRCAlignErrors | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.10 | RMON-MIB::etherStatsCRCAlignErrors | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.8.11 | RMON-MIB::etherStatsCRCAlignErrors | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.1 | RMON-MIB::etherStatsUndersizePkts | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.2 | RMON-MIB::etherStatsUndersizePkts | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.3 | RMON-MIB::etherStatsUndersize | 3 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | Pkts | | | |
| .1.3.6.1.2.1.16.1.1.1.9.4 | RMON-MIB::etherStatsUndersizePkts | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.5 | RMON-MIB::etherStatsUndersizePkts | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.6 | RMON-MIB::etherStatsUndersizePkts | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.7 | RMON-MIB::etherStatsUndersizePkts | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.8 | RMON-MIB::etherStatsUndersizePkts | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.9 | RMON-MIB::etherStatsUndersizePkts | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.10 | RMON-MIB::etherStatsUndersizePkts | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.9.11 | RMON-MIB::etherStatsUndersizePkts | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.1 | RMON-MIB::etherStatsOversizePkts | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.2 | RMON-MIB::etherStatsOversizePkts | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.3 | RMON-MIB::etherStatsOversizePkts | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.4 | RMON-MIB::etherStatsOversizePkts | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.5 | RMON-MIB::etherStatsOversizePkts | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.6 | RMON-MIB::etherStatsOversizePkts | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.7 | RMON-MIB::etherStatsOversizePkts | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.8 | RMON-MIB::etherStatsOversizePkts | 8 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.16.1.1.1.10.9 | RMON-MIB::etherStatsOversizePkts | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.10 | RMON-MIB::etherStatsOversizePkts | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.10.11 | RMON-MIB::etherStatsOversizePkts | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.1 | RMON-MIB::etherStatsFragments | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.2 | RMON-MIB::etherStatsFragments | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.3 | RMON-MIB::etherStatsFragments | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.4 | RMON-MIB::etherStatsFragments | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.5 | RMON-MIB::etherStatsFragments | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.6 | RMON-MIB::etherStatsFragments | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.7 | RMON-MIB::etherStatsFragments | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.8 | RMON-MIB::etherStatsFragments | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.9 | RMON-MIB::etherStatsFragments | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.10 | RMON-MIB::etherStatsFragments | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.11.11 | RMON-MIB::etherStatsFragments | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.1 | RMON-MIB::etherStatsJabbers | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.2 | RMON-MIB::etherStatsJabbers | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.3 | RMON-MIB::etherStatsJabbers | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.4 | RMON-MIB::etherStatsJabbers | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.5 | RMON-MIB::etherStatsJabbers | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.6 | RMON-MIB::etherStatsJabbers | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.7 | RMON-MIB::etherStatsJabbers | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.8 | RMON-MIB::etherStatsJabbers | 8 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.16.1.1.1.12.9 | RMON-MIB::etherStatsJabbers | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.10 | RMON-MIB::etherStatsJabbers | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.12.11 | RMON-MIB::etherStatsJabbers | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.13.1 | RMON-MIB::etherStatsCollisions | 1 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.2 | RMON-MIB::etherStatsCollisions | 2 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.3 | RMON-MIB::etherStatsCollisions | 3 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.4 | RMON-MIB::etherStatsCollisions | 4 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.5 | RMON-MIB::etherStatsCollisions | 5 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.6 | RMON-MIB::etherStatsCollisions | 6 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.7 | RMON-MIB::etherStatsCollisions | 7 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.8 | RMON-MIB::etherStatsCollisions | 8 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.9 | RMON-MIB::etherStatsCollisions | 9 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.10 | RMON-MIB::etherStatsCollisions | 10 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.13.11 | RMON-MIB::etherStatsCollisions | 11 | Counter32: | 0 Collisions |
| .1.3.6.1.2.1.16.1.1.1.14.1 | RMON-MIB::etherStatsPkts64Octets | 1 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.2 | RMON-MIB::etherStatsPkts64Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.3 | RMON-MIB::etherStatsPkts64Octets | 3 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.4 | RMON-MIB::etherStatsPkts64Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.5 | RMON-MIB::etherStatsPkts64Octets | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.6 | RMON-MIB::etherStatsPkts64Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.7 | RMON-MIB::etherStatsPkts64Oct | 7 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | ets | | | |
| .1.3.6.1.2.1.16.1.1.1.14.8 | RMON-MIB::etherStatsPkts64Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.9 | RMON-MIB::etherStatsPkts64Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.10 | RMON-MIB::etherStatsPkts64Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.14.11 | RMON-MIB::etherStatsPkts64Octets | 11 | Counter32: | 7 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.1 | RMON-MIB::etherStatsPkts65to127Octets | 1 | Counter32: | 8859 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.2 | RMON-MIB::etherStatsPkts65to127Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.3 | RMON-MIB::etherStatsPkts65to127Octets | 3 | Counter32: | 4657 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.4 | RMON-MIB::etherStatsPkts65to127Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.5 | RMON-MIB::etherStatsPkts65to127Octets | 5 | Counter32: | 1578 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.6 | RMON-MIB::etherStatsPkts65to127Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.7 | RMON-MIB::etherStatsPkts65to127Octets | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.8 | RMON-MIB::etherStatsPkts65to127Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.9 | RMON-MIB::etherStatsPkts65to127Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.10 | RMON-MIB::etherStatsPkts65to127Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.15.11 | RMON-MIB::etherStatsPkts65to127Octets | 11 | Counter32: | 1132 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.1 | RMON-MIB::etherStatsPkts128to255Octets | 1 | Counter32: | 2023 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.16.1.1.1.16.2 | RMON-MIB::etherStatsPkts128to255Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.3 | RMON-MIB::etherStatsPkts128to255Octets | 3 | Counter32: | 1599 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.4 | RMON-MIB::etherStatsPkts128to255Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.5 | RMON-MIB::etherStatsPkts128to255Octets | 5 | Counter32: | 1609 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.6 | RMON-MIB::etherStatsPkts128to255Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.7 | RMON-MIB::etherStatsPkts128to255Octets | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.8 | RMON-MIB::etherStatsPkts128to255Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.9 | RMON-MIB::etherStatsPkts128to255Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.10 | RMON-MIB::etherStatsPkts128to255Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.16.11 | RMON-MIB::etherStatsPkts128to255Octets | 11 | Counter32: | 229 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.1 | RMON-MIB::etherStatsPkts256to511Octets | 1 | Counter32: | 253 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.2 | RMON-MIB::etherStatsPkts256to511Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.3 | RMON-MIB::etherStatsPkts256to511Octets | 3 | Counter32: | 41 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.4 | RMON-MIB::etherStatsPkts256to511Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.5 | RMON-MIB::etherStatsPkts256to511Octets | 5 | Counter32: | 958 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.6 | RMON-MIB::etherStatsPkts256to511Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.7 | RMON-MIB::etherStatsPkts256to | 7 | Counter32: | 0 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | 511Octets | | | |
| .1.3.6.1.2.1.16.1.1.1.17.8 | RMON-MIB::etherStatsPkts256to511Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.9 | RMON-MIB::etherStatsPkts256to511Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.10 | RMON-MIB::etherStatsPkts256to511Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.17.11 | RMON-MIB::etherStatsPkts256to511Octets | 11 | Counter32: | 43 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.1 | RMON-MIB::etherStatsPkts512to1023Octets | 1 | Counter32: | 15 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.2 | RMON-MIB::etherStatsPkts512to1023Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.3 | RMON-MIB::etherStatsPkts512to1023Octets | 3 | Counter32: | 82 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.4 | RMON-MIB::etherStatsPkts512to1023Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.5 | RMON-MIB::etherStatsPkts512to1023Octets | 5 | Counter32: | 19 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.6 | RMON-MIB::etherStatsPkts512to1023Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.7 | RMON-MIB::etherStatsPkts512to1023Octets | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.8 | RMON-MIB::etherStatsPkts512to1023Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.9 | RMON-MIB::etherStatsPkts512to1023Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.10 | RMON-MIB::etherStatsPkts512to1023Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.18.11 | RMON-MIB::etherStatsPkts512to1023Octets | 11 | Counter32: | 4 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.1 | RMON-MIB::etherStatsPkts1024to1518Octets | 1 | Counter32: | 597 Packets |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.16.1.1.1.19.2 | RMON-MIB::etherStatsPkts1024to1518Octets | 2 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.3 | RMON-MIB::etherStatsPkts1024to1518Octets | 3 | Counter32: | 535 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.4 | RMON-MIB::etherStatsPkts1024to1518Octets | 4 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.5 | RMON-MIB::etherStatsPkts1024to1518Octets | 5 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.6 | RMON-MIB::etherStatsPkts1024to1518Octets | 6 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.7 | RMON-MIB::etherStatsPkts1024to1518Octets | 7 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.8 | RMON-MIB::etherStatsPkts1024to1518Octets | 8 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.9 | RMON-MIB::etherStatsPkts1024to1518Octets | 9 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.10 | RMON-MIB::etherStatsPkts1024to1518Octets | 10 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.19.11 | RMON-MIB::etherStatsPkts1024to1518Octets | 11 | Counter32: | 0 Packets |
| .1.3.6.1.2.1.16.1.1.1.20.1 | RMON-MIB::etherStatsOwner | 1 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.2 | RMON-MIB::etherStatsOwner | 2 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.3 | RMON-MIB::etherStatsOwner | 3 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.4 | RMON-MIB::etherStatsOwner | 4 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.5 | RMON-MIB::etherStatsOwner | 5 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.6 | RMON-MIB::etherStatsOwner | 6 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.7 | RMON-MIB::etherStatsOwner | 7 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.8 | RMON-MIB::etherStatsOwner | 8 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.9 | RMON-MIB::etherStatsOwner | 9 | STRING: | Internal monitoring process |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.16.1.1.1.20.10 | RMON-MIB::etherStatsOwner | 10 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.20.11 | RMON-MIB::etherStatsOwner | 11 | STRING: | Internal monitoring process |
| .1.3.6.1.2.1.16.1.1.1.21.1 | RMON-MIB::etherStatsStatus | 1 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.2 | RMON-MIB::etherStatsStatus | 2 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.3 | RMON-MIB::etherStatsStatus | 3 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.4 | RMON-MIB::etherStatsStatus | 4 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.5 | RMON-MIB::etherStatsStatus | 5 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.6 | RMON-MIB::etherStatsStatus | 6 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.7 | RMON-MIB::etherStatsStatus | 7 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.8 | RMON-MIB::etherStatsStatus | 8 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.9 | RMON-MIB::etherStatsStatus | 9 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.10 | RMON-MIB::etherStatsStatus | 10 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.16.1.1.1.21.11 | RMON-MIB::etherStatsStatus | 11 | INTEGER: | valid(1) |
| .1.3.6.1.2.1.17.1.1.0 | SNMPv2-SMI::mib-2 | 17.1.1.0 | Hex-STRING: | 08 00 0F 20 E3 5A |
| .1.3.6.1.2.1.17.1.2.0 | SNMPv2-SMI::mib-2 | 17.1.2.0 | INTEGER: | 11 |
| .1.3.6.1.2.1.17.1.3.0 | SNMPv2-SMI::mib-2 | 17.1.3.0 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.1.4.1.1.1 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.1.4.1.1.2 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.1.4.1.1.3 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.3 | INTEGER: | 3 |
| .1.3.6.1.2.1.17.1.4.1.1.4 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.4 | INTEGER: | 4 |
| .1.3.6.1.2.1.17.1.4.1.1.5 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.5 | INTEGER: | 5 |
| .1.3.6.1.2.1.17.1.4.1.1.6 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.6 | INTEGER: | 6 |
| .1.3.6.1.2.1.17.1.4.1.1.7 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.7 | INTEGER: | 7 |
| .1.3.6.1.2.1.17.1.4.1.1.8 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.8 | INTEGER: | 8 |
| .1.3.6.1.2.1.17.1.4.1.1.9 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.9 | INTEGER: | 9 |
| .1.3.6.1.2.1.17.1.4.1.1.10 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.10 | INTEGER: | 10 |
| .1.3.6.1.2.1.17.1.4.1.1.11 | SNMPv2-SMI::mib-2 | 17.1.4.1.1.11 | INTEGER: | 11 |
| .1.3.6.1.2.1.17.1.4.1.2.1 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.1 | INTEGER: | 1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.17.1.4.1.2.2 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.1.4.1.2.3 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.3 | INTEGER: | 3 |
| .1.3.6.1.2.1.17.1.4.1.2.4 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.4 | INTEGER: | 4 |
| .1.3.6.1.2.1.17.1.4.1.2.5 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.5 | INTEGER: | 5 |
| .1.3.6.1.2.1.17.1.4.1.2.6 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.6 | INTEGER: | 6 |
| .1.3.6.1.2.1.17.1.4.1.2.7 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.7 | INTEGER: | 7 |
| .1.3.6.1.2.1.17.1.4.1.2.8 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.8 | INTEGER: | 8 |
| .1.3.6.1.2.1.17.1.4.1.2.9 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.9 | INTEGER: | 9 |
| .1.3.6.1.2.1.17.1.4.1.2.10 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.10 | INTEGER: | 10 |
| .1.3.6.1.2.1.17.1.4.1.2.11 | SNMPv2-SMI::mib-2 | 17.1.4.1.2.11 | INTEGER: | 11 |
| .1.3.6.1.2.1.17.1.4.1.3.1 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.2 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.2 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.3 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.3 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.4 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.4 | OID: | SNMPv2-SMI::zeroDotZero |
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| .1.3.6.1.2.1.17.1.4.1.3.6 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.6 | OID: | SNMPv2-SMI::zeroDotZero |
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| .1.3.6.1.2.1.17.1.4.1.3.8 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.8 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.9 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.9 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.10 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.10 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.17.1.4.1.3.11 | SNMPv2-SMI::mib-2 | 17.1.4.1.3.11 | OID: | SNMPv2-SMI::zeroDotZero |
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| .1.3.6.1.2.1.17.1.4.1.4.2 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.2 | Counter32: | 0 |
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| .1.3.6.1.2.1.17.1.4.1.4.4 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.4 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.4.5 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.5 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.4.6 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.6 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.4.7 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.7 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.4.8 | SNMPv2-SMI::mib-2 | 17.1.4.1.4.8 | Counter32: | 0 |
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| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.17.1.4.1.5.2 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.2 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.3 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.3 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.4 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.4 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.5 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.5 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.6 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.6 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.7 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.7 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.8 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.8 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.9 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.9 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.10 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.10 | Counter32: | 0 |
| .1.3.6.1.2.1.17.1.4.1.5.11 | SNMPv2-SMI::mib-2 | 17.1.4.1.5.11 | Counter32: | 0 |
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| .1.3.6.1.2.1.17.2.2.0 | SNMPv2-SMI::mib-2 | 17.2.2.0 | INTEGER: | 61440 |
| .1.3.6.1.2.1.17.2.3.0 | SNMPv2-SMI::mib-2 | 17.2.3.0 | Timeticks: | (464044) 1:17:20.44 |
| .1.3.6.1.2.1.17.2.4.0 | SNMPv2-SMI::mib-2 | 17.2.4.0 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.5.0 | SNMPv2-SMI::mib-2 | 17.2.5.0 | Hex-STRING: | F0 00 00 00 00 |
| .1.3.6.1.2.1.17.2.6.0 | SNMPv2-SMI::mib-2 | 17.2.6.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.7.0 | SNMPv2-SMI::mib-2 | 17.2.7.0 | INTEGER: | 0 |
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| .1.3.6.1.2.1.17.2.9.0 | SNMPv2-SMI::mib-2 | 17.2.9.0 | INTEGER: | 200 |
| .1.3.6.1.2.1.17.2.10.0 | SNMPv2-SMI::mib-2 | 17.2.10.0 | INTEGER: | 600 |
| .1.3.6.1.2.1.17.2.11.0 | SNMPv2-SMI::mib-2 | 17.2.11.0 | INTEGER: | 1500 |
| .1.3.6.1.2.1.17.2.12.0 | SNMPv2-SMI::mib-2 | 17.2.12.0 | INTEGER: | 2000 |
| .1.3.6.1.2.1.17.2.13.0 | SNMPv2-SMI::mib-2 | 17.2.13.0 | INTEGER: | 200 |
| .1.3.6.1.2.1.17.2.14.0 | SNMPv2-SMI::mib-2 | 17.2.14.0 | INTEGER: | 1500 |
| .1.3.6.1.2.1.17.2.15.1.1.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.1.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.1.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.3 | INTEGER: | 3 |
| .1.3.6.1.2.1.17.2.15.1.1.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.4 | INTEGER: | 4 |
| .1.3.6.1.2.1.17.2.15.1.1.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.5 | INTEGER: | 5 |
| .1.3.6.1.2.1.17.2.15.1.1.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.6 | INTEGER: | 6 |
| .1.3.6.1.2.1.17.2.15.1.1.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.7 | INTEGER: | 7 |
| .1.3.6.1.2.1.17.2.15.1.1.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.8 | INTEGER: | 8 |
| .1.3.6.1.2.1.17.2.15.1.1.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.9 | INTEGER: | 9 |
| .1.3.6.1.2.1.17.2.15.1.1.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.1.1 | INTEGER: | 10 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.17.2.15.1.2.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.1 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.2 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.3 | INTEGER: | 128 |
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| .1.3.6.1.2.1.17.2.15.1.2.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.5 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.6 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.7 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.8 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.9 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.1 0 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.2.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.2.1 1 | INTEGER: | 128 |
| .1.3.6.1.2.1.17.2.15.1.3.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.2 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.3 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.4 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.5 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.6 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.7 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.8 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.9 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.1 0 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.3.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.3.1 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.4.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.4.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.2 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.15.1.4.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.3 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.4 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.5 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.6 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.7 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.8 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.9 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.15.1.4.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.4.1 0 | INTEGER: | 2 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.17.2.15.1.5.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.4 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.5 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.6 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.7 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.8 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.9 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.1 0 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.5.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.5.1 1 | INTEGER: | 0 |
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| .1.3.6.1.2.1.17.2.15.1.6.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.4 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.6.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.5 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.6.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.6 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.6.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.7 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.6.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.8 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.6.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.6.9 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
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| .1.3.6.1.2.1.17.2.15.1.7.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.7.2 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.7.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.7.3 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.7.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.7.4 | INTEGER: | 0 |
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| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.17.2.15.1.8.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.8.6 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
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| .1.3.6.1.2.1.17.2.15.1.8.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.8.9 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
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| .1.3.6.1.2.1.17.2.15.1.8.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.8.11 | Hex-STRING: | 00 00 00 00 00 00 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.1 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.2 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.3 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.4 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.5 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.6 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.7 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.8 | Hex- | 00 00 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | | | STRING: | |
| .1.3.6.1.2.1.17.2.15.1.9.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.9 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.10 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.9.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.9.11 | Hex-STRING: | 00 00 |
| .1.3.6.1.2.1.17.2.15.1.10.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.1 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.2 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.3 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.4 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.5 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.6 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.7 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.8 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.9 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.10 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.10.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.10.11 | Counter32: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.1 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.2 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.2 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.3 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.3 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.4 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.4 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.5 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.5 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.6 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.6 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.7 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.7 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.8 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.8 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.9 | SNMPv2-SMI::mib-2 | 17.2.15.1.11. | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | | 9 | | |
| .1.3.6.1.2.1.17.2.15.1.11.10 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.10 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.15.1.11.11 | SNMPv2-SMI::mib-2 | 17.2.15.1.11.11 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.16.0 | SNMPv2-SMI::mib-2 | 17.2.16.0 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.17.0 | SNMPv2-SMI::mib-2 | 17.2.17.0 | INTEGER: | 6 |
| .1.3.6.1.2.1.17.2.19.1.1.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.3 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.4 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.5 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.6 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.7 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.8 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.9 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.10 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.1.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.1.11 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.2.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.2 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.3 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.4 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.5 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.6 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.7 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.8 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.9 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.10 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.2.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.2.11 | INTEGER: | 1 |
| .1.3.6.1.2.1.17.2.19.1.3.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.3 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.4 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.5 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.6 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.7 | INTEGER: | 2 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.17.2.19.1.3.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.8 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.9 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.10 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.3.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.3.11 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.3 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.4 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.5 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.6 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.7 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.8 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.9 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.10 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.4.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.4.11 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.2 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.3 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.4 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.5 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.6 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.7 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.8 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.9 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.10 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.5.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.5.11 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.2.19.1.6.1 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.2 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.2 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.3 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.3 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.4 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.4 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.5 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.5 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.6 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.6 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.7 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.7 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.17.2.19.1.6.8 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.8 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.9 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.9 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.10 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.10 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.2.19.1.6.11 | SNMPv2-SMI::mib-2 | 17.2.19.1.6.11 | INTEGER: | 0 |
| .1.3.6.1.2.1.17.6.1.1.1.0 | SNMPv2-SMI::mib-2 | 17.6.1.1.1.0 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.17.6.1.1.2.0 | SNMPv2-SMI::mib-2 | 17.6.1.1.2.0 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.6.1.1.3.0 | SNMPv2-SMI::mib-2 | 17.6.1.1.3.0 | INTEGER: | 2 |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.1 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.1 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.2 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.2 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.3 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.3 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.4 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.4 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.5 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.5 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.6 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.6 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.7 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.7 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.8 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.8 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.9 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.9 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.10 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.10 | STRING: | |
| .1.3.6.1.2.1.17.6.1.1.4.1.1.11 | SNMPv2-SMI::mib-2 | 17.6.1.1.4.1.1.11 | STRING: | |
| .1.3.6.1.2.1.25.1.1.0 | HOST-RESOURCES-MIB::hrSystemUptime | 0 | Timeticks: | (475581) 1:19:15.81 |
| .1.3.6.1.2.1.25.1.2.0 | HOST-RESOURCES-MIB::hrSystemDate | 0 | STRING: | 2007-9-5,13:25:0.0 |
| .1.3.6.1.2.1.25.1.3.0 | HOST-RESOURCES-MIB::hrSystemInitialLoadDevice | 0 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.1.4.0 | HOST-RESOURCES-MIB::hrSystemInitialLoadParameters | 0 | | |
| .1.3.6.1.2.1.25.1.5.0 | HOST-RESOURCES-MIB::hrSystemNumUsers | 0 | Gauge32: | 0 |
| .1.3.6.1.2.1.25.1.6.0 | HOST-RESOURCES- | 0 | Gauge32: | 11 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::hrSystemProcesses | | | |
| .1.3.6.1.2.1.25.1.7.0 | HOST-RESOURCES-MIB::hrSystemMaxProcesses | 0 | INTEGER: | 32 |
| .1.3.6.1.2.1.25.2.2.0 | HOST-RESOURCES-MIB::hrMemorySize | 0 | INTEGER: | 524288 Kbytes |
| .1.3.6.1.2.1.25.2.3.1.1.1 | HOST-RESOURCES-MIB::hrStorageIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.25.2.3.1.1.2 | HOST-RESOURCES-MIB::hrStorageIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.2.1.25.2.3.1.1.3 | HOST-RESOURCES-MIB::hrStorageIndex | 3 | INTEGER: | 3 |
| .1.3.6.1.2.1.25.2.3.1.1.4 | HOST-RESOURCES-MIB::hrStorageIndex | 4 | INTEGER: | 4 |
| .1.3.6.1.2.1.25.2.3.1.1.5 | HOST-RESOURCES-MIB::hrStorageIndex | 5 | INTEGER: | 5 |
| .1.3.6.1.2.1.25.2.3.1.1.6 | HOST-RESOURCES-MIB::hrStorageIndex | 6 | INTEGER: | 6 |
| .1.3.6.1.2.1.25.2.3.1.1.7 | HOST-RESOURCES-MIB::hrStorageIndex | 7 | INTEGER: | 7 |
| .1.3.6.1.2.1.25.2.3.1.1.8 | HOST-RESOURCES-MIB::hrStorageIndex | 8 | INTEGER: | 8 |
| .1.3.6.1.2.1.25.2.3.1.1.9 | HOST-RESOURCES-MIB::hrStorageIndex | 9 | INTEGER: | 9 |
| .1.3.6.1.2.1.25.2.3.1.1.10 | HOST-RESOURCES-MIB::hrStorageIndex | 10 | INTEGER: | 10 |
| .1.3.6.1.2.1.25.2.3.1.1.11 | HOST-RESOURCES-MIB::hrStorageIndex | 11 | INTEGER: | 11 |
| .1.3.6.1.2.1.25.2.3.1.1.12 | HOST-RESOURCES-MIB::hrStorageIndex | 12 | INTEGER: | 12 |
| .1.3.6.1.2.1.25.2.3.1.1.13 | HOST-RESOURCES-MIB::hrStorageIndex | 13 | INTEGER: | 13 |
| .1.3.6.1.2.1.25.2.3.1.1.14 | HOST-RESOURCES-MIB::hrStorageIndex | 14 | INTEGER: | 14 |
| .1.3.6.1.2.1.25.2.3.1.1.15 | HOST-RESOURCES-MIB::hrStorageIndex | 15 | INTEGER: | 15 |
| .1.3.6.1.2.1.25.2.3.1.1.16 | HOST-RESOURCES-MIB::hrStorageIndex | 16 | INTEGER: | 16 |
| .1.3.6.1.2.1.25.2.3.1.1.17 | HOST-RESOURCES-MIB::hrStorageIndex | 17 | INTEGER: | 17 |
| .1.3.6.1.2.1.25.2.3.1.1.18 | HOST-RESOURCES-MIB::hrStorageIndex | 18 | INTEGER: | 18 |
| .1.3.6.1.2.1.25.2.3.1.1.19 | HOST-RESOURCES-MIB::hrStorageIndex | 19 | INTEGER: | 19 |
| .1.3.6.1.2.1.25.2.3.1.1.20 | HOST-RESOURCES-MIB::hrStorageIndex | 20 | INTEGER: | 20 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.1.21 | HOST-RESOURCES-MIB::hrStorageIndex | 21 | INTEGER: | 21 |
| .1.3.6.1.2.1.25.2.3.1.1.22 | HOST-RESOURCES-MIB::hrStorageIndex | 22 | INTEGER: | 22 |
| .1.3.6.1.2.1.25.2.3.1.1.23 | HOST-RESOURCES-MIB::hrStorageIndex | 23 | INTEGER: | 23 |
| .1.3.6.1.2.1.25.2.3.1.1.24 | HOST-RESOURCES-MIB::hrStorageIndex | 24 | INTEGER: | 24 |
| .1.3.6.1.2.1.25.2.3.1.1.25 | HOST-RESOURCES-MIB::hrStorageIndex | 25 | INTEGER: | 25 |
| .1.3.6.1.2.1.25.2.3.1.1.26 | HOST-RESOURCES-MIB::hrStorageIndex | 26 | INTEGER: | 26 |
| .1.3.6.1.2.1.25.2.3.1.1.27 | HOST-RESOURCES-MIB::hrStorageIndex | 27 | INTEGER: | 27 |
| .1.3.6.1.2.1.25.2.3.1.1.28 | HOST-RESOURCES-MIB::hrStorageIndex | 28 | INTEGER: | 28 |
| .1.3.6.1.2.1.25.2.3.1.1.29 | HOST-RESOURCES-MIB::hrStorageIndex | 29 | INTEGER: | 29 |
| .1.3.6.1.2.1.25.2.3.1.1.30 | HOST-RESOURCES-MIB::hrStorageIndex | 30 | INTEGER: | 30 |
| .1.3.6.1.2.1.25.2.3.1.1.31 | HOST-RESOURCES-MIB::hrStorageIndex | 31 | INTEGER: | 31 |
| .1.3.6.1.2.1.25.2.3.1.1.32 | HOST-RESOURCES-MIB::hrStorageIndex | 32 | INTEGER: | 32 |
| .1.3.6.1.2.1.25.2.3.1.1.33 | HOST-RESOURCES-MIB::hrStorageIndex | 33 | INTEGER: | 33 |
| .1.3.6.1.2.1.25.2.3.1.1.34 | HOST-RESOURCES-MIB::hrStorageIndex | 34 | INTEGER: | 34 |
| .1.3.6.1.2.1.25.2.3.1.1.35 | HOST-RESOURCES-MIB::hrStorageIndex | 35 | INTEGER: | 35 |
| .1.3.6.1.2.1.25.2.3.1.1.36 | HOST-RESOURCES-MIB::hrStorageIndex | 36 | INTEGER: | 36 |
| .1.3.6.1.2.1.25.2.3.1.1.37 | HOST-RESOURCES-MIB::hrStorageIndex | 37 | INTEGER: | 37 |
| .1.3.6.1.2.1.25.2.3.1.1.38 | HOST-RESOURCES-MIB::hrStorageIndex | 38 | INTEGER: | 38 |
| .1.3.6.1.2.1.25.2.3.1.1.39 | HOST-RESOURCES-MIB::hrStorageIndex | 39 | INTEGER: | 39 |
| .1.3.6.1.2.1.25.2.3.1.1.40 | HOST-RESOURCES-MIB::hrStorageIndex | 40 | INTEGER: | 40 |
| .1.3.6.1.2.1.25.2.3.1.1.41 | HOST-RESOURCES-MIB::hrStorageIndex | 41 | INTEGER: | 41 |
| .1.3.6.1.2.1.25.2.3.1.1.42 | HOST-RESOURCES-MIB::hrStorageIndex | 42 | INTEGER: | 42 |
| .1.3.6.1.2.1.25.2.3.1.1.43 | HOST-RESOURCES-MIB::hrStorageIndex | 43 | INTEGER: | 43 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.2.1 | HOST-RESOURCES-MIB::hrStorageType | 1 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.2 | HOST-RESOURCES-MIB::hrStorageType | 2 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.3 | HOST-RESOURCES-MIB::hrStorageType | 3 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.4 | HOST-RESOURCES-MIB::hrStorageType | 4 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.5 | HOST-RESOURCES-MIB::hrStorageType | 5 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.6 | HOST-RESOURCES-MIB::hrStorageType | 6 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.7 | HOST-RESOURCES-MIB::hrStorageType | 7 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.8 | HOST-RESOURCES-MIB::hrStorageType | 8 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.9 | HOST-RESOURCES-MIB::hrStorageType | 9 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.10 | HOST-RESOURCES-MIB::hrStorageType | 10 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.11 | HOST-RESOURCES-MIB::hrStorageType | 11 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.12 | HOST-RESOURCES-MIB::hrStorageType | 12 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.13 | HOST-RESOURCES-MIB::hrStorageType | 13 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.14 | HOST-RESOURCES-MIB::hrStorageType | 14 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.15 | HOST-RESOURCES-MIB::hrStorageType | 15 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.16 | HOST-RESOURCES-MIB::hrStorageType | 16 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.17 | HOST-RESOURCES-MIB::hrStorageType | 17 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.18 | HOST-RESOURCES-MIB::hrStorageType | 18 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.19 | HOST-RESOURCES-MIB::hrStorageType | 19 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.20 | HOST-RESOURCES-MIB::hrStorageType | 20 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.21 | HOST-RESOURCES-MIB::hrStorageType | 21 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.22 | HOST-RESOURCES-MIB::hrStorageType | 22 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.23 | HOST-RESOURCES-MIB::hrStorageType | 23 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.2.24 | HOST-RESOURCES-MIB::hrStorageType | 24 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.25 | HOST-RESOURCES-MIB::hrStorageType | 25 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.26 | HOST-RESOURCES-MIB::hrStorageType | 26 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.27 | HOST-RESOURCES-MIB::hrStorageType | 27 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.28 | HOST-RESOURCES-MIB::hrStorageType | 28 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.29 | HOST-RESOURCES-MIB::hrStorageType | 29 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.30 | HOST-RESOURCES-MIB::hrStorageType | 30 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.31 | HOST-RESOURCES-MIB::hrStorageType | 31 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.32 | HOST-RESOURCES-MIB::hrStorageType | 32 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.33 | HOST-RESOURCES-MIB::hrStorageType | 33 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.34 | HOST-RESOURCES-MIB::hrStorageType | 34 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.35 | HOST-RESOURCES-MIB::hrStorageType | 35 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.36 | HOST-RESOURCES-MIB::hrStorageType | 36 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.37 | HOST-RESOURCES-MIB::hrStorageType | 37 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.38 | HOST-RESOURCES-MIB::hrStorageType | 38 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.39 | HOST-RESOURCES-MIB::hrStorageType | 39 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.40 | HOST-RESOURCES-MIB::hrStorageType | 40 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.41 | HOST-RESOURCES-MIB::hrStorageType | 41 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.42 | HOST-RESOURCES-MIB::hrStorageType | 42 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.2.43 | HOST-RESOURCES-MIB::hrStorageType | 43 | OID: | HOST-RESOURCES-TYPES::hrStorageRam |
| .1.3.6.1.2.1.25.2.3.1.3.1 | HOST-RESOURCES-MIB::hrStorageDescr | 1 | STRING: | System Free Memory |
| .1.3.6.1.2.1.25.2.3.1.3.2 | HOST-RESOURCES-MIB::hrStorageDescr | 2 | STRING: | System Vectors Address Space |
| .1.3.6.1.2.1.25.2.3.1.3.3 | HOST-RESOURCES-MIB::hrStorageDescr | 3 | STRING: | System TEXT Address Space |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.3.4 | HOST-RESOURCES-MIB::hrStorageDescr | 4 | STRING: | System DATA Address Space |
| .1.3.6.1.2.1.25.2.3.1.3.5 | HOST-RESOURCES-MIB::hrStorageDescr | 5 | STRING: | System BSS Address Space |
| .1.3.6.1.2.1.25.2.3.1.3.6 | HOST-RESOURCES-MIB::hrStorageDescr | 6 | STRING: | WDB Pool Size |
| .1.3.6.1.2.1.25.2.3.1.3.7 | HOST-RESOURCES-MIB::hrStorageDescr | 7 | STRING: | Windview Memory |
| .1.3.6.1.2.1.25.2.3.1.3.8 | HOST-RESOURCES-MIB::hrStorageDescr | 8 | STRING: | ISR Stack Size |
| .1.3.6.1.2.1.25.2.3.1.3.9 | HOST-RESOURCES-MIB::hrStorageDescr | 9 | STRING: | Virtual Memory Tables |
| .1.3.6.1.2.1.25.2.3.1.3.10 | HOST-RESOURCES-MIB::hrStorageDescr | 10 | STRING: | Unavailable Memory |
| .1.3.6.1.2.1.25.2.3.1.3.11 | HOST-RESOURCES-MIB::hrStorageDescr | 11 | STRING: | Silo Stack Guards |
| .1.3.6.1.2.1.25.2.3.1.3.12 | HOST-RESOURCES-MIB::hrStorageDescr | 12 | STRING: | Silo Overhead |
| .1.3.6.1.2.1.25.2.3.1.3.13 | HOST-RESOURCES-MIB::hrStorageDescr | 13 | STRING: | Silo Cached Allocator |
| .1.3.6.1.2.1.25.2.3.1.3.14 | HOST-RESOURCES-MIB::hrStorageDescr | 14 | STRING: | Silo Stack |
| .1.3.6.1.2.1.25.2.3.1.3.15 | HOST-RESOURCES-MIB::hrStorageDescr | 15 | STRING: | Silo Kernel Memory |
| .1.3.6.1.2.1.25.2.3.1.3.16 | HOST-RESOURCES-MIB::hrStorageDescr | 16 | STRING: | Silo Kernel Message Queue |
| .1.3.6.1.2.1.25.2.3.1.3.17 | HOST-RESOURCES-MIB::hrStorageDescr | 17 | STRING: | Silo Kernel Semaphore |
| .1.3.6.1.2.1.25.2.3.1.3.18 | HOST-RESOURCES-MIB::hrStorageDescr | 18 | STRING: | Silo Kernel Task Control Block |
| .1.3.6.1.2.1.25.2.3.1.3.19 | HOST-RESOURCES-MIB::hrStorageDescr | 19 | STRING: | Silo Kernel Watchdog |
| .1.3.6.1.2.1.25.2.3.1.3.20 | HOST-RESOURCES-MIB::hrStorageDescr | 20 | STRING: | Silo Kernel Object |
| .1.3.6.1.2.1.25.2.3.1.3.21 | HOST-RESOURCES-MIB::hrStorageDescr | 21 | STRING: | Silo Nodes |
| .1.3.6.1.2.1.25.2.3.1.3.22 | HOST-RESOURCES-MIB::hrStorageDescr | 22 | STRING: | kernel - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.23 | HOST-RESOURCES-MIB::hrStorageDescr | 23 | STRING: | kernel - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.24 | HOST-RESOURCES-MIB::hrStorageDescr | 24 | STRING: | appStartup - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.25 | HOST-RESOURCES-MIB::hrStorageDescr | 25 | STRING: | appStartup - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.26 | HOST-RESOURCES-MIB::hrStorageDescr | 26 | STRING: | DataServices - PUBLIC |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.3.27 | HOST-RESOURCES-MIB::hrStorageDescr | 27 | STRING: | DataServices - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.28 | HOST-RESOURCES-MIB::hrStorageDescr | 28 | STRING: | ManagementLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.29 | HOST-RESOURCES-MIB::hrStorageDescr | 29 | STRING: | ManagementLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.30 | HOST-RESOURCES-MIB::hrStorageDescr | 30 | STRING: | MIPSServiceProvider - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.31 | HOST-RESOURCES-MIB::hrStorageDescr | 31 | STRING: | MIPSServiceProvider - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.32 | HOST-RESOURCES-MIB::hrStorageDescr | 32 | STRING: | CallEngineLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.33 | HOST-RESOURCES-MIB::hrStorageDescr | 33 | STRING: | CallEngineLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.34 | HOST-RESOURCES-MIB::hrStorageDescr | 34 | STRING: | ServiceLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.35 | HOST-RESOURCES-MIB::hrStorageDescr | 35 | STRING: | ServiceLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.36 | HOST-RESOURCES-MIB::hrStorageDescr | 36 | STRING: | NetworkServiceLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.37 | HOST-RESOURCES-MIB::hrStorageDescr | 37 | STRING: | NetworkServiceLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.38 | HOST-RESOURCES-MIB::hrStorageDescr | 38 | STRING: | AdaptationLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.39 | HOST-RESOURCES-MIB::hrStorageDescr | 39 | STRING: | AdaptationLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.40 | HOST-RESOURCES-MIB::hrStorageDescr | 40 | STRING: | MiXMLLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.41 | HOST-RESOURCES-MIB::hrStorageDescr | 41 | STRING: | MiXMLLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.3.42 | HOST-RESOURCES-MIB::hrStorageDescr | 42 | STRING: | ApplicationsLayer - PUBLIC |
| .1.3.6.1.2.1.25.2.3.1.3.43 | HOST-RESOURCES-MIB::hrStorageDescr | 43 | STRING: | ApplicationsLayer - PRIVATE |
| .1.3.6.1.2.1.25.2.3.1.4.1 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 1 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.2 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 2 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.3 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 3 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.4 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 4 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.5 | HOST-RESOURCES- | 5 | INTEGER: | 1 Bytes |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::hrStorageAllocationUnits | | | |
| .1.3.6.1.2.1.25.2.3.1.4.6 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 6 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.7 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 7 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.8 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 8 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.9 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 9 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.10 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 10 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.11 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 11 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.12 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 12 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.13 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 13 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.14 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 14 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.15 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 15 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.16 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 16 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.17 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 17 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.18 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 18 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.19 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 19 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.20 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 20 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.21 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 21 | INTEGER: | 1 Bytes |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.4.22 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 22 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.23 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 23 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.24 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 24 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.25 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 25 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.26 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 26 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.27 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 27 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.28 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 28 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.29 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 29 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.30 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 30 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.31 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 31 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.32 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 32 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.33 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 33 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.34 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 34 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.35 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 35 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.36 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 36 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.37 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 37 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.38 | HOST-RESOURCES-MIB::hrStorageAllocationU | 38 | INTEGER: | 1 Bytes |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | nits | | | |
| .1.3.6.1.2.1.25.2.3.1.4.39 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 39 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.40 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 40 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.41 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 41 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.42 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 42 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.4.43 | HOST-RESOURCES-MIB::hrStorageAllocationUnits | 43 | INTEGER: | 1 Bytes |
| .1.3.6.1.2.1.25.2.3.1.5.1 | HOST-RESOURCES-MIB::hrStorageSize | 1 | INTEGER: | 316932096 |
| .1.3.6.1.2.1.25.2.3.1.5.2 | HOST-RESOURCES-MIB::hrStorageSize | 2 | INTEGER: | 65536 |
| .1.3.6.1.2.1.25.2.3.1.5.3 | HOST-RESOURCES-MIB::hrStorageSize | 3 | INTEGER: | 41483888 |
| .1.3.6.1.2.1.25.2.3.1.5.4 | HOST-RESOURCES-MIB::hrStorageSize | 4 | INTEGER: | 10542704 |
| .1.3.6.1.2.1.25.2.3.1.5.5 | HOST-RESOURCES-MIB::hrStorageSize | 5 | INTEGER: | 5324048 |
| .1.3.6.1.2.1.25.2.3.1.5.6 | HOST-RESOURCES-MIB::hrStorageSize | 6 | INTEGER: | 1048576 |
| .1.3.6.1.2.1.25.2.3.1.5.7 | HOST-RESOURCES-MIB::hrStorageSize | 7 | INTEGER: | 8388608 |
| .1.3.6.1.2.1.25.2.3.1.5.8 | HOST-RESOURCES-MIB::hrStorageSize | 8 | INTEGER: | 5000 |
| .1.3.6.1.2.1.25.2.3.1.5.9 | HOST-RESOURCES-MIB::hrStorageSize | 9 | INTEGER: | 8388616 |
| .1.3.6.1.2.1.25.2.3.1.5.10 | HOST-RESOURCES-MIB::hrStorageSize | 10 | INTEGER: | 43992 |
| .1.3.6.1.2.1.25.2.3.1.5.11 | HOST-RESOURCES-MIB::hrStorageSize | 11 | INTEGER: | 2908160 |
| .1.3.6.1.2.1.25.2.3.1.5.12 | HOST-RESOURCES-MIB::hrStorageSize | 12 | INTEGER: | 1891904 |
| .1.3.6.1.2.1.25.2.3.1.5.13 | HOST-RESOURCES-MIB::hrStorageSize | 13 | INTEGER: | 7114240 |
| .1.3.6.1.2.1.25.2.3.1.5.14 | HOST-RESOURCES-MIB::hrStorageSize | 14 | INTEGER: | 12933584 |
| .1.3.6.1.2.1.25.2.3.1.5.15 | HOST-RESOURCES-MIB::hrStorageSize | 15 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.16 | HOST-RESOURCES- | 16 | INTEGER: | 8255360 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::hrStorageSize | | | |
| .1.3.6.1.2.1.25.2.3.1.5.17 | HOST-RESOURCES-MIB::hrStorageSize | 17 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.18 | HOST-RESOURCES-MIB::hrStorageSize | 18 | INTEGER: | 400864 |
| .1.3.6.1.2.1.25.2.3.1.5.19 | HOST-RESOURCES-MIB::hrStorageSize | 19 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.20 | HOST-RESOURCES-MIB::hrStorageSize | 20 | INTEGER: | 1075856 |
| .1.3.6.1.2.1.25.2.3.1.5.21 | HOST-RESOURCES-MIB::hrStorageSize | 21 | INTEGER: | 528112 |
| .1.3.6.1.2.1.25.2.3.1.5.22 | HOST-RESOURCES-MIB::hrStorageSize | 22 | INTEGER: | 26877408 |
| .1.3.6.1.2.1.25.2.3.1.5.23 | HOST-RESOURCES-MIB::hrStorageSize | 23 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.24 | HOST-RESOURCES-MIB::hrStorageSize | 24 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.25 | HOST-RESOURCES-MIB::hrStorageSize | 25 | INTEGER: | 5740416 |
| .1.3.6.1.2.1.25.2.3.1.5.26 | HOST-RESOURCES-MIB::hrStorageSize | 26 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.27 | HOST-RESOURCES-MIB::hrStorageSize | 27 | INTEGER: | 269792 |
| .1.3.6.1.2.1.25.2.3.1.5.28 | HOST-RESOURCES-MIB::hrStorageSize | 28 | INTEGER: | 134896 |
| .1.3.6.1.2.1.25.2.3.1.5.29 | HOST-RESOURCES-MIB::hrStorageSize | 29 | INTEGER: | 17462624 |
| .1.3.6.1.2.1.25.2.3.1.5.30 | HOST-RESOURCES-MIB::hrStorageSize | 30 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.31 | HOST-RESOURCES-MIB::hrStorageSize | 31 | INTEGER: | 134896 |
| .1.3.6.1.2.1.25.2.3.1.5.32 | HOST-RESOURCES-MIB::hrStorageSize | 32 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.33 | HOST-RESOURCES-MIB::hrStorageSize | 33 | INTEGER: | 45927904 |
| .1.3.6.1.2.1.25.2.3.1.5.34 | HOST-RESOURCES-MIB::hrStorageSize | 34 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.35 | HOST-RESOURCES-MIB::hrStorageSize | 35 | INTEGER: | 5884592 |
| .1.3.6.1.2.1.25.2.3.1.5.36 | HOST-RESOURCES-MIB::hrStorageSize | 36 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.37 | HOST-RESOURCES-MIB::hrStorageSize | 37 | INTEGER: | 2038176 |
| .1.3.6.1.2.1.25.2.3.1.5.38 | HOST-RESOURCES-MIB::hrStorageSize | 38 | INTEGER: | 134896 |
| .1.3.6.1.2.1.25.2.3.1.5.39 | HOST-RESOURCES- | 39 | INTEGER: | 2119824 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::hrStorageSize | | | |
| .1.3.6.1.2.1.25.2.3.1.5.40 | HOST-RESOURCES-MIB::hrStorageSize | 40 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.5.41 | HOST-RESOURCES-MIB::hrStorageSize | 41 | INTEGER: | 134896 |
| .1.3.6.1.2.1.25.2.3.1.5.42 | HOST-RESOURCES-MIB::hrStorageSize | 42 | INTEGER: | 134896 |
| .1.3.6.1.2.1.25.2.3.1.5.43 | HOST-RESOURCES-MIB::hrStorageSize | 43 | INTEGER: | 2505664 |
| .1.3.6.1.2.1.25.2.3.1.6.1 | HOST-RESOURCES-MIB::hrStorageUsed | 1 | INTEGER: | 316932096 |
| .1.3.6.1.2.1.25.2.3.1.6.2 | HOST-RESOURCES-MIB::hrStorageUsed | 2 | INTEGER: | 65536 |
| .1.3.6.1.2.1.25.2.3.1.6.3 | HOST-RESOURCES-MIB::hrStorageUsed | 3 | INTEGER: | 41483888 |
| .1.3.6.1.2.1.25.2.3.1.6.4 | HOST-RESOURCES-MIB::hrStorageUsed | 4 | INTEGER: | 10542704 |
| .1.3.6.1.2.1.25.2.3.1.6.5 | HOST-RESOURCES-MIB::hrStorageUsed | 5 | INTEGER: | 5324048 |
| .1.3.6.1.2.1.25.2.3.1.6.6 | HOST-RESOURCES-MIB::hrStorageUsed | 6 | INTEGER: | 1048576 |
| .1.3.6.1.2.1.25.2.3.1.6.7 | HOST-RESOURCES-MIB::hrStorageUsed | 7 | INTEGER: | 8388608 |
| .1.3.6.1.2.1.25.2.3.1.6.8 | HOST-RESOURCES-MIB::hrStorageUsed | 8 | INTEGER: | 5000 |
| .1.3.6.1.2.1.25.2.3.1.6.9 | HOST-RESOURCES-MIB::hrStorageUsed | 9 | INTEGER: | 8388616 |
| .1.3.6.1.2.1.25.2.3.1.6.10 | HOST-RESOURCES-MIB::hrStorageUsed | 10 | INTEGER: | 43992 |
| .1.3.6.1.2.1.25.2.3.1.6.11 | HOST-RESOURCES-MIB::hrStorageUsed | 11 | INTEGER: | 2908160 |
| .1.3.6.1.2.1.25.2.3.1.6.12 | HOST-RESOURCES-MIB::hrStorageUsed | 12 | INTEGER: | 1891904 |
| .1.3.6.1.2.1.25.2.3.1.6.13 | HOST-RESOURCES-MIB::hrStorageUsed | 13 | INTEGER: | 6340120 |
| .1.3.6.1.2.1.25.2.3.1.6.14 | HOST-RESOURCES-MIB::hrStorageUsed | 14 | INTEGER: | 12757520 |
| .1.3.6.1.2.1.25.2.3.1.6.15 | HOST-RESOURCES-MIB::hrStorageUsed | 15 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.16 | HOST-RESOURCES-MIB::hrStorageUsed | 16 | INTEGER: | 7890056 |
| .1.3.6.1.2.1.25.2.3.1.6.17 | HOST-RESOURCES-MIB::hrStorageUsed | 17 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.18 | HOST-RESOURCES-MIB::hrStorageUsed | 18 | INTEGER: | 292032 |
| .1.3.6.1.2.1.25.2.3.1.6.19 | HOST-RESOURCES- | 19 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| | MIB::hrStorageUsed | | | |
| .1.3.6.1.2.1.25.2.3.1.6.20 | HOST-RESOURCES-MIB::hrStorageUsed | 20 | INTEGER: | 1008744 |
| .1.3.6.1.2.1.25.2.3.1.6.21 | HOST-RESOURCES-MIB::hrStorageUsed | 21 | INTEGER: | 35520 |
| .1.3.6.1.2.1.25.2.3.1.6.22 | HOST-RESOURCES-MIB::hrStorageUsed | 22 | INTEGER: | 26639536 |
| .1.3.6.1.2.1.25.2.3.1.6.23 | HOST-RESOURCES-MIB::hrStorageUsed | 23 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.24 | HOST-RESOURCES-MIB::hrStorageUsed | 24 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.25 | HOST-RESOURCES-MIB::hrStorageUsed | 25 | INTEGER: | 5555864 |
| .1.3.6.1.2.1.25.2.3.1.6.26 | HOST-RESOURCES-MIB::hrStorageUsed | 26 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.27 | HOST-RESOURCES-MIB::hrStorageUsed | 27 | INTEGER: | 163400 |
| .1.3.6.1.2.1.25.2.3.1.6.28 | HOST-RESOURCES-MIB::hrStorageUsed | 28 | INTEGER: | 51128 |
| .1.3.6.1.2.1.25.2.3.1.6.29 | HOST-RESOURCES-MIB::hrStorageUsed | 29 | INTEGER: | 17238000 |
| .1.3.6.1.2.1.25.2.3.1.6.30 | HOST-RESOURCES-MIB::hrStorageUsed | 30 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.31 | HOST-RESOURCES-MIB::hrStorageUsed | 31 | INTEGER: | 8832 |
| .1.3.6.1.2.1.25.2.3.1.6.32 | HOST-RESOURCES-MIB::hrStorageUsed | 32 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.33 | HOST-RESOURCES-MIB::hrStorageUsed | 33 | INTEGER: | 45837432 |
| .1.3.6.1.2.1.25.2.3.1.6.34 | HOST-RESOURCES-MIB::hrStorageUsed | 34 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.35 | HOST-RESOURCES-MIB::hrStorageUsed | 35 | INTEGER: | 5730656 |
| .1.3.6.1.2.1.25.2.3.1.6.36 | HOST-RESOURCES-MIB::hrStorageUsed | 36 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.37 | HOST-RESOURCES-MIB::hrStorageUsed | 37 | INTEGER: | 1763640 |
| .1.3.6.1.2.1.25.2.3.1.6.38 | HOST-RESOURCES-MIB::hrStorageUsed | 38 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.39 | HOST-RESOURCES-MIB::hrStorageUsed | 39 | INTEGER: | 1661952 |
| .1.3.6.1.2.1.25.2.3.1.6.40 | HOST-RESOURCES-MIB::hrStorageUsed | 40 | INTEGER: | 0 |
| .1.3.6.1.2.1.25.2.3.1.6.41 | HOST-RESOURCES-MIB::hrStorageUsed | 41 | INTEGER: | 94824 |
| .1.3.6.1.2.1.25.2.3.1.6.42 | HOST-RESOURCES- | 42 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | MIB::hrStorageUsed | | | |
| .1.3.6.1.2.1.25.2.3.1.6.43 | HOST-RESOURCES-MIB::hrStorageUsed | 43 | INTEGER: | 1492888 |
| .1.3.6.1.2.1.25.2.3.1.7.1 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.2 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.3 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.4 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.5 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.6 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.7 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.8 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.9 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.10 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.11 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 11 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.12 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.13 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 13 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.14 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 14 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.15 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 15 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.16 | HOST-RESOURCES-MIB::hrStorageAllocationF | 16 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| | ailures | | | |
| .1.3.6.1.2.1.25.2.3.1.7.17 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 17 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.18 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 18 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.19 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.20 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 20 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.21 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 21 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.22 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 22 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.23 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 23 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.24 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 24 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.25 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 25 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.26 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 26 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.27 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 27 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.28 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 28 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.29 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 29 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.30 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 30 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.31 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 31 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.32 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 32 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.25.2.3.1.7.33 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 33 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.34 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 34 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.35 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 35 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.36 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 36 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.37 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 37 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.38 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 38 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.39 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 39 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.40 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 40 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.41 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 41 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.42 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 42 | Counter32: | 0 |
| .1.3.6.1.2.1.25.2.3.1.7.43 | HOST-RESOURCES-MIB::hrStorageAllocationFailures | 43 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.1.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.1.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.2.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.1.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.3.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.1.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.4.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.1.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.5.1 | INTEGER: | 5 |
| .1.3.6.1.2.1.26.2.1.1.1.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.6.1 | INTEGER: | 6 |
| .1.3.6.1.2.1.26.2.1.1.1.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.7.1 | INTEGER: | 7 |
| .1.3.6.1.2.1.26.2.1.1.1.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.8.1 | INTEGER: | 8 |
| .1.3.6.1.2.1.26.2.1.1.1.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.9.1 | INTEGER: | 9 |
| .1.3.6.1.2.1.26.2.1.1.1.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.10.1 | INTEGER: | 10 |
| .1.3.6.1.2.1.26.2.1.1.1.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.1.11.1 | INTEGER: | 11 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.26.2.1.1.2.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.2.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.5.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.6.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.7.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.8.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.9.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.10.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.2.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.2.11.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.3.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.1.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.2.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.3.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.4.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.5.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.6.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.7.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.8.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.9.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.10.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.3.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.3.11.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.4.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.1.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.2.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.3.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.4.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.5.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.6.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.7.1 | INTEGER: | 3 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.2.1.1.4.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.8.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.9.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.10.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.4.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.4.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.5.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.1.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.5.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.2.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.5.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.3.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.5.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.4.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.5.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.5.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.5.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.6.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.1.1.5.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.7.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.5.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.8.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.5.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.9.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.5.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.10.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.2.1.1.5.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.5.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.6.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.1.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.2.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.3.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.4.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.5.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.6.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.7.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.8.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.9.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.10.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.6.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.6.11.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.7.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.1.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.2.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.3.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.4.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.5.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.6.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.7.1 | INTEGER: | 2 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.2.1.1.7.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.8.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.9.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.10.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.7.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.7.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.8.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.1.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.2.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.3.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.4.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.5.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.6.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.7.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.8.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.9.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.10.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.8.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.8.11.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.1.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.2.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.3.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.4.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.5.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.6.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.7.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.8.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.9.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.10.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.9.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.9.11.1 | Counter32: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.1.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.2.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.3.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.4.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.5. | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.2.1.1.10.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.6.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.7.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.8.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.9.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.10.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.10.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.10.11.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.2.1.1.11.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.1.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.2.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.3.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.4.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.5.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.6.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.7.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.8.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.9.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.10.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.11.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.11.11.1 | OID: | SNMPv2-SMI::zeroDotZero |
| .1.3.6.1.2.1.26.2.1.1.12.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.2.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.5.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.6. | INTEGER: | 1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.2.1.1.12.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.7.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.8.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.9.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.10.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.2.1.1.12.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.12.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.2.1.1.13.1.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.1.1 | Hex-STRING: | 04 31 80 06 |
| .1.3.6.1.2.1.26.2.1.1.13.2.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.2.1 | Hex-STRING: | 04 31 80 06 |
| .1.3.6.1.2.1.26.2.1.1.13.3.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.3.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.4.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.4.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.5.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.5.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.6.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.6.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.7.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.7.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.8.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.8.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.9.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.9.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.10.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.10.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.1.1.13.11.1 | SNMPv2-SMI::mib-2 | 26.2.1.1.13.11.1 | Hex-STRING: | 04 31 80 |
| .1.3.6.1.2.1.26.2.2.1.2.1.1.1 | SNMPv2-SMI::mib-2 | 26.2.2.1.2.1.1.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.2.2.1.2.2.1.1 | SNMPv2-SMI::mib-2 | 26.2.2.1.2.2.1.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.1.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.2.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.5.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.6.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.7.1 | INTEGER: | 1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.5.1.1.1.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.8.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.9.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.10.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.1.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.1.11.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.2.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.2.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.5.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.6.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.2.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.7.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.2.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.8.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.2.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.9.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.2.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.10.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.2.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.2.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.4.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.1.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.4.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.2.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.5.1.1.4.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.3.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.4.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.4.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.4.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.5.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.4.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.6.1 | INTEGER: | 3 |
| .1.3.6.1.2.1.26.5.1.1.4.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.7.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.5.1.1.4.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.8.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.5.1.1.4.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.9.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.5.1.1.4.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.10.1 | INTEGER: | 4 |
| .1.3.6.1.2.1.26.5.1.1.4.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.4.11.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.5.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.1.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.2.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.3.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.4.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.5.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.6.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.7.1 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.5.1.1.5.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.8.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.9.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.10.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.5.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.5.11.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.1.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.2.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.3.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.4.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.5.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.6.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.7.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.8.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.9.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.10.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.6.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.6.11.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.1.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.2.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.3.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.4.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.5.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.6.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.7.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.8.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.9.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.10.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.7.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.7.11.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.26.5.1.1.8.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.1.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.2.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.3.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.4.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.5.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.6.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.7.1 | INTEGER: | 2 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.2.1.26.5.1.1.8.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.8.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.9.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.10.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.8.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.8.11.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.26.5.1.1.9.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.1.1 | STRING: | ls |
| .1.3.6.1.2.1.26.5.1.1.9.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.2.1 | STRING: | ls |
| .1.3.6.1.2.1.26.5.1.1.9.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.3.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.4.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.5.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.6.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.7.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.8.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.9.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.10.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.9.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.9.11.1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.10.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.1.1 | STRING: | l# |
| .1.3.6.1.2.1.26.5.1.1.10.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.2.1 | STRING: | l# |
| .1.3.6.1.2.1.26.5.1.1.10.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.3.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.4.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.5.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.6.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.7.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.8.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.9.1 | Hex-STRING: | 6C 80 |
| .1.3.6.1.2.1.26.5.1.1.10.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.1 | Hex- | 6C 80 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| | | 0.1 | STRING: | |
| .1.3.6.1.2.1.26.5.1.1.10.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.10.1 1.1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.1. 1 | STRING: | l |
| .1.3.6.1.2.1.26.5.1.1.11.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.2. 1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.3. 1 | STRING: | l |
| .1.3.6.1.2.1.26.5.1.1.11.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.4. 1 | STRING: | l |
| .1.3.6.1.2.1.26.5.1.1.11.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.5. 1 | STRING: | l |
| .1.3.6.1.2.1.26.5.1.1.11.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.6. 1 | STRING: | l |
| .1.3.6.1.2.1.26.5.1.1.11.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.7. 1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.8. 1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.9. 1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.1 0.1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.11.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.11.1 1.1 | Hex-STRING: | 00 |
| .1.3.6.1.2.1.26.5.1.1.12.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.1. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.2. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.3. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.4. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.5. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.6. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.7. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.8. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.9. 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.1 0.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.12.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.12.1 | INTEGER: | 1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
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| .1.3.6.1.2.1.26.5.1.1.13.1.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.1.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.2.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.2.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.3.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.3.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.4.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.4.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.5.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.5.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.6.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.6.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.7.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.7.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.8.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.8.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.9.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.9.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.10.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.10.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.26.5.1.1.13.11.1 | SNMPv2-SMI::mib-2 | 26.5.1.1.13.11.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.31.1.1.1.1.1 | IF-MIB::ifName | 1 | STRING: | Port 1 |
| .1.3.6.1.2.1.31.1.1.1.1.2 | IF-MIB::ifName | 2 | STRING: | Port 2 |
| .1.3.6.1.2.1.31.1.1.1.1.3 | IF-MIB::ifName | 3 | STRING: | RTC SW Port 1 |
| .1.3.6.1.2.1.31.1.1.1.1.4 | IF-MIB::ifName | 4 | STRING: | RTC SW Port 2 |
| .1.3.6.1.2.1.31.1.1.1.1.5 | IF-MIB::ifName | 5 | STRING: | E2T SW Port 1 |
| .1.3.6.1.2.1.31.1.1.1.1.6 | IF-MIB::ifName | 6 | STRING: | E2T SW Port 2 |
| .1.3.6.1.2.1.31.1.1.1.1.7 | IF-MIB::ifName | 7 | STRING: | MMC-A+ s0 SW Port |
| .1.3.6.1.2.1.31.1.1.1.1.8 | IF-MIB::ifName | 8 | STRING: | MMC-A+ s4 SW Port |
| .1.3.6.1.2.1.31.1.1.1.1.9 | IF-MIB::ifName | 9 | STRING: | MMC-A+ s5 SW Port |
| .1.3.6.1.2.1.31.1.1.1.1.10 | IF-MIB::ifName | 10 | STRING: | APC SW Port |
| .1.3.6.1.2.1.31.1.1.1.1.11 | IF-MIB::ifName | 11 | STRING: | MIPS SW Port |
| .1.3.6.1.2.1.31.1.1.1.1.12 | IF-MIB::ifName | 12 | STRING: | RTC motfec0 |
| .1.3.6.1.2.1.31.1.1.1.1.19 | IF-MIB::ifName | 19 | STRING: | RTC mccdev0 |
| .1.3.6.1.2.1.31.1.1.1.2.1 | IF-MIB::ifInMulticastPkts | 1 | Counter32: | 56 |
| .1.3.6.1.2.1.31.1.1.1.2.2 | IF-MIB::ifInMulticastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.3 | IF-MIB::ifInMulticastPkts | 3 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.4 | IF-MIB::ifInMulticastPkts | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.5 | IF-MIB::ifInMulticastPkts | 5 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.31.1.1.1.2.6 | IF-MIB::ifInMulticastPkts | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.7 | IF-MIB::ifInMulticastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.8 | IF-MIB::ifInMulticastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.9 | IF-MIB::ifInMulticastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.10 | IF-MIB::ifInMulticastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.11 | IF-MIB::ifInMulticastPkts | 11 | Counter32: | 16 |
| .1.3.6.1.2.1.31.1.1.1.2.12 | IF-MIB::ifInMulticastPkts | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.2.19 | IF-MIB::ifInMulticastPkts | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.1 | IF-MIB::ifInBroadcastPkts | 1 | Counter32: | 3401 |
| .1.3.6.1.2.1.31.1.1.1.3.2 | IF-MIB::ifInBroadcastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.3 | IF-MIB::ifInBroadcastPkts | 3 | Counter32: | 3 |
| .1.3.6.1.2.1.31.1.1.1.3.4 | IF-MIB::ifInBroadcastPkts | 4 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.5 | IF-MIB::ifInBroadcastPkts | 5 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.6 | IF-MIB::ifInBroadcastPkts | 6 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.7 | IF-MIB::ifInBroadcastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.8 | IF-MIB::ifInBroadcastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.9 | IF-MIB::ifInBroadcastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.10 | IF-MIB::ifInBroadcastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.11 | IF-MIB::ifInBroadcastPkts | 11 | Counter32: | 1 |
| .1.3.6.1.2.1.31.1.1.1.3.12 | IF-MIB::ifInBroadcastPkts | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.3.19 | IF-MIB::ifInBroadcastPkts | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.1 | IF-MIB::ifOutMulticastPkts | 1 | Counter32: | 11 |
| .1.3.6.1.2.1.31.1.1.1.4.2 | IF-MIB::ifOutMulticastPkts | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.3 | IF-MIB::ifOutMulticastPkts | 3 | Counter32: | 67 |
| .1.3.6.1.2.1.31.1.1.1.4.4 | IF-MIB::ifOutMulticastPkts | 4 | Counter32: | 67 |
| .1.3.6.1.2.1.31.1.1.1.4.5 | IF-MIB::ifOutMulticastPkts | 5 | Counter32: | 67 |
| .1.3.6.1.2.1.31.1.1.1.4.6 | IF-MIB::ifOutMulticastPkts | 6 | Counter32: | 67 |
| .1.3.6.1.2.1.31.1.1.1.4.7 | IF-MIB::ifOutMulticastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.8 | IF-MIB::ifOutMulticastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.9 | IF-MIB::ifOutMulticastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.10 | IF-MIB::ifOutMulticastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.11 | IF-MIB::ifOutMulticastPkts | 11 | Counter32: | 56 |
| .1.3.6.1.2.1.31.1.1.1.4.12 | IF-MIB::ifOutMulticastPkts | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.4.19 | IF-MIB::ifOutMulticastPkts | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.1 | IF-MIB::ifOutBroadcastPkts | 1 | Counter32: | 4 |
| .1.3.6.1.2.1.31.1.1.1.5.2 | IF-MIB::ifOutBroadcastPkts | 2 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.31.1.1.1.5.3 | IF-MIB::ifOutBroadcastPkts | 3 | Counter32: | 3403 |
| .1.3.6.1.2.1.31.1.1.1.5.4 | IF-MIB::ifOutBroadcastPkts | 4 | Counter32: | 3406 |
| .1.3.6.1.2.1.31.1.1.1.5.5 | IF-MIB::ifOutBroadcastPkts | 5 | Counter32: | 3406 |
| .1.3.6.1.2.1.31.1.1.1.5.6 | IF-MIB::ifOutBroadcastPkts | 6 | Counter32: | 3406 |
| .1.3.6.1.2.1.31.1.1.1.5.7 | IF-MIB::ifOutBroadcastPkts | 7 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.8 | IF-MIB::ifOutBroadcastPkts | 8 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.9 | IF-MIB::ifOutBroadcastPkts | 9 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.10 | IF-MIB::ifOutBroadcastPkts | 10 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.11 | IF-MIB::ifOutBroadcastPkts | 11 | Counter32: | 3404 |
| .1.3.6.1.2.1.31.1.1.1.5.12 | IF-MIB::ifOutBroadcastPkts | 12 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.5.19 | IF-MIB::ifOutBroadcastPkts | 19 | Counter32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.14.1 | IF-MIB::ifLinkUpDownTrapEnable | 1 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.2 | IF-MIB::ifLinkUpDownTrapEnable | 2 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.3 | IF-MIB::ifLinkUpDownTrapEnable | 3 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.4 | IF-MIB::ifLinkUpDownTrapEnable | 4 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.5 | IF-MIB::ifLinkUpDownTrapEnable | 5 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.6 | IF-MIB::ifLinkUpDownTrapEnable | 6 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.7 | IF-MIB::ifLinkUpDownTrapEnable | 7 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.8 | IF-MIB::ifLinkUpDownTrapEnable | 8 | INTEGER: | disabled(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|-----|------|---------|------|-------|
| .1.3.6.1.2.1.31.1.1.1.14.9 | IF-MIB::ifLinkUpDownTrapEnable | 9 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.10 | IF-MIB::ifLinkUpDownTrapEnable | 10 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.11 | IF-MIB::ifLinkUpDownTrapEnable | 11 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.12 | IF-MIB::ifLinkUpDownTrapEnable | 12 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.14.19 | IF-MIB::ifLinkUpDownTrapEnable | 19 | INTEGER: | disabled(2) |
| .1.3.6.1.2.1.31.1.1.1.15.1 | IF-MIB::ifHighSpeed | 1 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.2 | IF-MIB::ifHighSpeed | 2 | Gauge32: | 10 |
| .1.3.6.1.2.1.31.1.1.1.15.3 | IF-MIB::ifHighSpeed | 3 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.4 | IF-MIB::ifHighSpeed | 4 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.5 | IF-MIB::ifHighSpeed | 5 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.6 | IF-MIB::ifHighSpeed | 6 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.7 | IF-MIB::ifHighSpeed | 7 | Gauge32: | 10 |
| .1.3.6.1.2.1.31.1.1.1.15.8 | IF-MIB::ifHighSpeed | 8 | Gauge32: | 10 |
| .1.3.6.1.2.1.31.1.1.1.15.9 | IF-MIB::ifHighSpeed | 9 | Gauge32: | 10 |
| .1.3.6.1.2.1.31.1.1.1.15.10 | IF-MIB::ifHighSpeed | 10 | Gauge32: | 10 |
| .1.3.6.1.2.1.31.1.1.1.15.11 | IF-MIB::ifHighSpeed | 11 | Gauge32: | 100 |
| .1.3.6.1.2.1.31.1.1.1.15.12 | IF-MIB::ifHighSpeed | 12 | Gauge32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.15.19 | IF-MIB::ifHighSpeed | 19 | Gauge32: | 0 |
| .1.3.6.1.2.1.31.1.1.1.16.1 | IF-MIB::ifPromiscuousMode | 1 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.2 | IF-MIB::ifPromiscuousMode | 2 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.3 | IF-MIB::ifPromiscuousMode | 3 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.4 | IF-MIB::ifPromiscuousMode | 4 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.5 | IF-MIB::ifPromiscuousMode | 5 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.6 | IF-MIB::ifPromiscuousMode | 6 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.7 | IF-MIB::ifPromiscuousMode | 7 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.8 | IF-MIB::ifPromiscuousMode | 8 | INTEGER: | false(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.31.1.1.1.16.9 | IF-MIB::ifPromiscuousMode | 9 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.10 | IF-MIB::ifPromiscuousMode | 10 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.11 | IF-MIB::ifPromiscuousMode | 11 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.12 | IF-MIB::ifPromiscuousMode | 12 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.16.19 | IF-MIB::ifPromiscuousMode | 19 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.1 | IF-MIB::ifConnectorPresent | 1 | INTEGER: | true(1) |
| .1.3.6.1.2.1.31.1.1.1.17.2 | IF-MIB::ifConnectorPresent | 2 | INTEGER: | true(1) |
| .1.3.6.1.2.1.31.1.1.1.17.3 | IF-MIB::ifConnectorPresent | 3 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.4 | IF-MIB::ifConnectorPresent | 4 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.5 | IF-MIB::ifConnectorPresent | 5 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.6 | IF-MIB::ifConnectorPresent | 6 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.7 | IF-MIB::ifConnectorPresent | 7 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.8 | IF-MIB::ifConnectorPresent | 8 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.9 | IF-MIB::ifConnectorPresent | 9 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.10 | IF-MIB::ifConnectorPresent | 10 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.11 | IF-MIB::ifConnectorPresent | 11 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.12 | IF-MIB::ifConnectorPresent | 12 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.17.19 | IF-MIB::ifConnectorPresent | 19 | INTEGER: | false(2) |
| .1.3.6.1.2.1.31.1.1.1.18.1 | IF-MIB::ifAlias | 1 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.2 | IF-MIB::ifAlias | 2 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.3 | IF-MIB::ifAlias | 3 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.4 | IF-MIB::ifAlias | 4 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.5 | IF-MIB::ifAlias | 5 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.6 | IF-MIB::ifAlias | 6 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.7 | IF-MIB::ifAlias | 7 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.8 | IF-MIB::ifAlias | 8 | STRING: | |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.31.1.1.1.18.9 | IF-MIB::ifAlias | 9 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.10 | IF-MIB::ifAlias | 10 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.11 | IF-MIB::ifAlias | 11 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.12 | IF-MIB::ifAlias | 12 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.18.19 | IF-MIB::ifAlias | 19 | STRING: | |
| .1.3.6.1.2.1.31.1.1.1.19.1 | IF-MIB::ifCounterDiscontinuityTime | 1 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.2 | IF-MIB::ifCounterDiscontinuityTime | 2 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.3 | IF-MIB::ifCounterDiscontinuityTime | 3 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.4 | IF-MIB::ifCounterDiscontinuityTime | 4 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.5 | IF-MIB::ifCounterDiscontinuityTime | 5 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.6 | IF-MIB::ifCounterDiscontinuityTime | 6 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.7 | IF-MIB::ifCounterDiscontinuityTime | 7 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.8 | IF-MIB::ifCounterDiscontinuityTime | 8 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.9 | IF-MIB::ifCounterDiscontinuityTime | 9 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.10 | IF-MIB::ifCounterDiscontinuityTime | 10 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.11 | IF-MIB::ifCounterDiscontinuityTime | 11 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.12 | IF-MIB::ifCounterDiscontinuityTime | 12 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.1.1.19.19 | IF-MIB::ifCounterDiscontinuityTime | 19 | Timeticks: | (0) 0:00:00.00 |
| .1.3.6.1.2.1.31.1.5.0 | IF-MIB::ifTableLastChange | 0 | Timeticks: | (0) 0:00:00.00 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.4.1.1027.4.1.1.2.1.2.1.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000IPUsrLicPurchased | 0 | INTEGER: | 208 |
| .1.3.6.1.4.1.1027.4.1.1.2.1.2.2.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000IPUsrLicUsed | 0 | INTEGER: | 17 |
| .1.3.6.1.4.1.1027.4.1.1.2.1.2.3.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000IPDevLicPurchased | 0 | INTEGER: | 208 |
| .1.3.6.1.4.1.1027.4.1.1.2.1.2.4.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000IPDevLicUsed | 0 | INTEGER: | 17 |
| .1.3.6.1.4.1.1027.4.1.1.2.1.3.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CEID | 0 | | |
| .1.3.6.1.4.1.1027.4.1.1.2.1.4.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000PNI | 0 | | |
| .1.3.6.1.4.1.1027.4.1.1.2.1.5.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000ClusterName | 0 | | |
| .1.3.6.1.4.1.1027.4.1.1.2.2.1.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000AlmLevel | 0 | INTEGER: | almMajor(3) |
| .1.3.6.1.4.1.1027.4.1.1.2.2.2.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000AlmDetectDate | 0 | Hex-STRING: | 07 D7 09 05 0C 09 2E 00 00 00 00 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.3.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000AlmNbrCategories | 0 | INTEGER: | 2 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.1.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.1.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.2.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblAvailable | 1 | INTEGER: | 5 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.2.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblAvailable | 2 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.3.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblUnavailable | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.3.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblUnavailable | 2 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.4.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblLevel | 1 | INTEGER: | almMinor(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.4.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblLevel | 2 | INTEGER: | almMajor(3) |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.5.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMinorThresh | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.5.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMinorThresh | 2 | INTEGER: | 101 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.6.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMajorThresh | 1 | INTEGER: | 101 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.6.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblMajorThresh | 2 | INTEGER: | 0 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.7.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblCriticalThresh | 1 | INTEGER: | 100 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.7.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblCriticalThresh | 2 | INTEGER: | 101 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.8.1 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblName | 1 | STRING: | DSP Status |
| .1.3.6.1.4.1.1027.4.1.1.2.2.4.1.8.2 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000CatTblName | 2 | STRING: | E2T Comms |
| .1.3.6.1.4.1.1027.4.1.1.2.2.5.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000TrapAlmShutdownCause | 0 | INTEGER: | shutdownCauseNotReported(12) |
| .1.3.6.1.4.1.1027.4.1.1.2.2.6.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000TrapAlmShutdownDetailedCause | 0 | INTEGER: | 0 |
| .1.3.6.1.4.1.1027.4.1.1.2.2.7.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000AlmResetCause | 0 | INTEGER: | softwareInitiatedReset(2) |
| .1.3.6.1.4.1.1027.4.1.1.2.2.8.0 | MITEL-IperaVoiceLAN-MIB::mitelIpera3000AlmResetCauseBITS | 0 | INTEGER: | 259 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.1 | MITEL-BCM-MIB::mitelBCMPortIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.2 | MITEL-BCM-MIB::mitelBCMPortIndex | 2 | INTEGER: | 2 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.3 | MITEL-BCM-MIB::mitelBCMPortIndex | 3 | INTEGER: | 3 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.4 | MITEL-BCM-MIB::mitelBCMPortIndex | 4 | INTEGER: | 4 |

| OID | NAME | INDEX/S | TYPE | VALUE |
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| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.5 | MITEL-BCM-MIB::mitelBCMPortIndex | 5 | INTEGER: | 5 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.6 | MITEL-BCM-MIB::mitelBCMPortIndex | 6 | INTEGER: | 6 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.7 | MITEL-BCM-MIB::mitelBCMPortIndex | 7 | INTEGER: | 7 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.8 | MITEL-BCM-MIB::mitelBCMPortIndex | 8 | INTEGER: | 8 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.9 | MITEL-BCM-MIB::mitelBCMPortIndex | 9 | INTEGER: | 9 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.10 | MITEL-BCM-MIB::mitelBCMPortIndex | 10 | INTEGER: | 10 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.1.11 | MITEL-BCM-MIB::mitelBCMPortIndex | 11 | INTEGER: | 11 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.1 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 1 | Counter32: | 2279 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.2 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 2 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.3 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 3 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.4 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 4 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.5 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 5 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.6 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 6 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.7 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 7 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.8 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 8 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.9 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 9 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.10 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 10 | Counter32: | 0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.2.11 | MITEL-BCM-MIB::mitelBCMPortRxSAChanges | 11 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.1 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 1 | STRING: | 8:0:f:1:32:db |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.2 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 2 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.3 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 3 | STRING: | 8:0:f:21:d0:88 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.4 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 4 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.5 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 5 | STRING: | 8:0:f:21:d2:84 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.6 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 6 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.7 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 7 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.8 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 8 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.9 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 9 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.10 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 10 | STRING: | 0:0:0:0:0:0 |
| .1.3.6.1.4.1.1027.4.2.1.1.1.1.3.11 | MITEL-BCM-MIB::mitelBCMPortRxLastSA | 11 | STRING: | 8:0:f:20:e3:59 |
| .1.3.6.1.4.1.1027.4.2.1.1.2.0 | MITEL-BCM-MIB::mitelBCMChipCount | 0 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.2.1.1.3.1.1.1 | MITEL-BCM-MIB::mitelBCMChipIndex | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.2.1.1.3.1.2.1 | MITEL-BCM-MIB::mitelBCMChipBIST | 1 | BITS: | 00 |
| .1.3.6.1.4.1.1027.4.2.1.1.3.1.3.1 | MITEL-BCM-MIB::mitelBCMChipRev | 1 | STRING: | A2 |
| .1.3.6.1.4.1.1027.4.2.1.1.3.1.4.1 | MITEL-BCM-MIB::mitelBCMChipType | 1 | INTEGER: | bcm5380m(1) |

## SX-2000 LIGHT MIB Walkthrough

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.1.1.0 | SNMPv2-MIB::sysDescr.0 | 0 | STRING: | SX2000 Light, SX-2000 Call Control 33.1.0.16 |
| .1.3.6.1.2.1.1.2.0 | SNMPv2-MIB::sysObjectID.0 | 0 | OID: | .1.3.6.1.4.1.1027.1.2.2 |
| .1.3.6.1.2.1.1.3.0 | SNMPv2-MIB::sysUpTime.0 | 0 | Timeticks: | (1100603) 3:02:15 AM |
| .1.3.6.1.2.1.1.4.0 | SNMPv2-MIB::sysContact.0 | 0 | STRING: | |
| .1.3.6.1.2.1.1.5.0 | SNMPv2-MIB::sysName.0 | 0 | STRING: | |
| .1.3.6.1.2.1.1.6.0 | SNMPv2-MIB::sysLocation.0 | 0 | STRING: | |
| .1.3.6.1.2.1.1.7.0 | SNMPv2-MIB::sysServices.0 | 0 | INTEGER: | 79 |
| .1.3.6.1.2.1.2.1.0 | IF-MIB::ifNumber.0 | 0 | INTEGER: | 2 |
| .1.3.6.1.2.1.2.2.1.1.1 | IF-MIB::ifIndex.1 | 1 | INTEGER: | 1 |
| .1.3.6.1.2.1.2.2.1.1.2 | IF-MIB::ifIndex.2 | 2 | INTEGER: | 2 |
| .1.3.6.1.2.1.2.2.1.2.1 | IF-MIB::ifDescr.1 | 1 | STRING: | sn0 |
| .1.3.6.1.2.1.2.2.1.2.2 | IF-MIB::ifDescr.2 | 2 | STRING: | lo0 |
| .1.3.6.1.2.1.2.2.1.3.1 | IF-MIB::ifType.1 | 1 | INTEGER: | ethernetCsmacd(6) |
| .1.3.6.1.2.1.2.2.1.3.2 | IF-MIB::ifType.2 | 2 | INTEGER: | softwareLoopback(24) |
| .1.3.6.1.2.1.2.2.1.4.1 | IF-MIB::ifMtu.1 | 1 | INTEGER: | 500 |
| .1.3.6.1.2.1.2.2.1.4.2 | IF-MIB::ifMtu.2 | 2 | INTEGER: | 4096 |
| .1.3.6.1.2.1.2.2.1.5.1 | IF-MIB::ifSpeed.1 | 1 | Gauge32: | 10000000 |
| .1.3.6.1.2.1.2.2.1.5.2 | IF-MIB::ifSpeed.2 | 2 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.6.1 | IF-MIB::ifPhysAddress.1 | 1 | STRING: | 8:0:f:0:4:23 |
| .1.3.6.1.2.1.2.2.1.6.2 | IF-MIB::ifPhysAddress.2 | 2 | STRING: | |
| .1.3.6.1.2.1.2.2.1.7.1 | IF-MIB::ifAdminStatus.1 | 1 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.7.2 | IF-MIB::ifAdminStatus.2 | 2 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.1 | IF-MIB::ifOperStatus.1 | 1 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.8.2 | IF-MIB::ifOperStatus.2 | 2 | INTEGER: | up(1) |
| .1.3.6.1.2.1.2.2.1.9.1 | IF-MIB::ifLastChange.1 | 1 | Timeticks: | (33022034) 3 days 19:43:40.34 |
| .1.3.6.1.2.1.2.2.1.9.2 | IF-MIB::ifLastChange.2 | 2 | Timeticks: | (33021962) 3 days, 19:43:39.62 |
| .1.3.6.1.2.1.2.2.1.10.1 | IF-MIB::ifInOctets.1 | 1 | Counter32: | 4294967295 |
| .1.3.6.1.2.1.2.2.1.10.2 | IF-MIB::ifInOctets.2 | 2 | Counter32: | 4294967295 |
| .1.3.6.1.2.1.2.2.1.11.1 | IF-MIB::ifInUcastPkts.1 | 1 | Counter32: | 21017 |
| .1.3.6.1.2.1.2.2.1.11.2 | IF-MIB::ifInUcastPkts.2 | 2 | Counter32: | 15491 |
| .1.3.6.1.2.1.2.2.1.12.1 | IF-MIB::ifInNUcastPkts.1 | 1 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.2.2.1.12.2 | IF-MIB::ifInNUcastPkts.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.1 | IF-MIB::ifInDiscards.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.13.2 | IF-MIB::ifInDiscards.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.1 | IF-MIB::ifInErrors.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.14.2 | IF-MIB::ifInErrors.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.1 | IF-MIB::ifInUnknownProtos.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.15.2 | IF-MIB::ifInUnknownProtos.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.16.1 | IF-MIB::ifOutOctets.1 | 1 | Counter32: | 4294967295 |
| .1.3.6.1.2.1.2.2.1.16.2 | IF-MIB::ifOutOctets.2 | 2 | Counter32: | 4294967295 |
| .1.3.6.1.2.1.2.2.1.17.1 | IF-MIB::ifOutUcastPkts.1 | 1 | Counter32: | 12909 |
| .1.3.6.1.2.1.2.2.1.17.2 | IF-MIB::ifOutUcastPkts.2 | 2 | Counter32: | 15491 |
| .1.3.6.1.2.1.2.2.1.18.1 | IF-MIB::ifOutNUcastPkts.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.18.2 | IF-MIB::ifOutNUcastPkts.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.1 | IF-MIB::ifOutDiscards.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.19.2 | IF-MIB::ifOutDiscards.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.1 | IF-MIB::ifOutErrors.1 | 1 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.20.2 | IF-MIB::ifOutErrors.2 | 2 | Counter32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.1 | IF-MIB::ifOutQLen.1 | 1 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.21.2 | IF-MIB::ifOutQLen.2 | 2 | Gauge32: | 0 |
| .1.3.6.1.2.1.2.2.1.22.1 | IF-MIB::ifSpecific.1 | 1 | OID: | .0.0 |
| .1.3.6.1.2.1.2.2.1.22.2 | IF-MIB::ifSpecific.2 | 2 | OID: | .0.0 |
| .1.3.6.1.2.1.3.1.1.1.1.134.199.65.115 | RFC1213-MIB::atIfIndex.1.134.199.65.115 | 1.134.199.65.115 | INTEGER: | 1 |
| .1.3.6.1.2.1.3.1.1.1.1.134.199.65.251 | RFC1213-MIB::atIfIndex.1.134.199.65.251 | 1.134.199.65.251 | INTEGER: | 1 |
| .1.3.6.1.2.1.3.1.1.2.1.134.199.65.115 | RFC1213-MIB::atPhysAddress.1.134.199.65.115 | 1.134.199.65.115 | Hex-STRING: | 00 C0 9F 07 28 4A |
| .1.3.6.1.2.1.3.1.1.2.1.134.199.65.251 | RFC1213-MIB::atPhysAddress.1.134.199.65.251 | 1.134.199.65.251 | Hex-STRING: | 00 50 3E A2F4 00 |
| .1.3.6.1.2.1.3.1.1.3.1.134.199.65.115 | RFC1213-MIB::atNetAddress.1.134.199.65.115 | 1.134.199.65.115 | Network Address: | 86:C7:41:73 |
| .1.3.6.1.2.1.3.1.1.3.1.134.199.65.251 | RFC1213-MIB::atNetAddress.1.134.199.65.251 | 1.134.199.65.251 | Network Address: | 86:C7:41:FB |
| .1.3.6.1.2.1.4.1.0 | IP-MIB::ipForwarding.0 | 0 | INTEGER: | forwarding(1) |
| .1.3.6.1.2.1.4.2.0 | IP-MIB::ipDefaultTTL.0 | 0 | INTEGER: | 255 |
| .1.3.6.1.2.1.4.3.0 | IP-MIB::ipInReceives.0 | 0 | Counter32: | 31041 |
| .1.3.6.1.2.1.4.4.0 | IP-MIB::ipInHdrErrors.0 | 0 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.5.0 | IP-MIB::ipInAddrErrors.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.6.0 | IP-MIB::ipForwDatagrams.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.7.0 | IP-MIB::ipInUnknownProtos.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.8.0 | IP-MIB::ipInDiscards.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.9.0 | IP-MIB::ipInDelivers.0 | 0 | Counter32: | 31047 |
| .1.3.6.1.2.1.4.10.0 | IP-MIB::ipOutRequests.0 | 0 | Counter32: | 28416 |
| .1.3.6.1.2.1.4.11.0 | IP-MIB::ipOutDiscards.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.12.0 | IP-MIB::ipOutNoRoutes.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.13.0 | IP-MIB::ipReasmTimeout.0 | 0 | INTEGER: | 60 |
| .1.3.6.1.2.1.4.14.0 | IP-MIB::ipReasmReqds.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.15.0 | IP-MIB::ipReasmOKs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.16.0 | IP-MIB::ipReasmFails.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.17.0 | IP-MIB::ipFragOKs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.18.0 | IP-MIB::ipFragFails.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.19.0 | IP-MIB::ipFragCreates.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.4.20.1.1.127.0.0.1 | IP-MIB::ipAdEntAddr.127.0.0.1 | 127.0.0.1 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.4.20.1.1.134.199.65.56 | IP-MIB::ipAdEntAddr.134.199.65.56 | 134.199.65.56 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.4.20.1.2.127.0.0.1 | IP-MIB::ipAdEntIfIndex.127.0.0.1 | 127.0.0.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.4.20.1.2.134.199.65.56 | IP-MIB::ipAdEntIfIndex.134.199.65.56 | 134.199.65.56 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.20.1.3.127.0.0.1 | IP-MIB::ipAdEntNetMask.127.0.0.1 | 127.0.0.1 | IpAddress: | 255.0.0.0 |
| .1.3.6.1.2.1.4.20.1.3.134.199.65.56 | IP-MIB::ipAdEntNetMask.134.199.65.56 | 134.199.65.56 | IpAddress: | 255.255.255.0 |
| .1.3.6.1.2.1.4.20.1.4.127.0.0.1 | IP-MIB::ipAdEntBcastAddr.127.0.0.1 | 127.0.0.1 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.20.1.4.134.199.65.56 | IP-MIB::ipAdEntBcastAddr.134.199.65.56 | 134.199.65.56 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.20.1.5.127.0.0.1 | IP-MIB::ipAdEntReasmMaxSize.127.0.0.1 | 127.0.0.1 | INTEGER: | 65535 |
| .1.3.6.1.2.1.4.20.1.5.134.199.65.56 | IP-MIB::ipAdEntReasmMaxSize.134.199.65.56 | 134.199.65.56 | INTEGER: | 65535 |
| .1.3.6.1.2.1.4.21.1.1.0.0.0.0 | RFC1213-MIB::ipRouteDest.0.0.0.0 | 0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.4.21.1.1.127.0.0.1 | RFC1213-MIB::ipRouteDest.127.0.0.1 | 127.0.0.1 | IpAddress: | 127.0.0.1 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.21.1.1.134.199.65.0 | RFC1213-MIB::ipRouteDest.134.199.65.0 | 134.199.65.0 | IpAddress: | 134.199.65.0 |
| .1.3.6.1.2.1.4.21.1.2.0.0.0.0 | RFC1213-MIB::ipRouteIfIndex.0.0.0.0 | 0.0.0.0 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.21.1.2.127.0.0.1 | RFC1213-MIB::ipRouteIfIndex.127.0.0.1 | 127.0.0.1 | INTEGER: | 2 |
| .1.3.6.1.2.1.4.21.1.2.134.199.65.0 | RFC1213-MIB::ipRouteIfIndex.134.199.65.0 | 134.199.65.0 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.21.1.3.0.0.0.0 | RFC1213-MIB::ipRouteMetric1.0.0.0.0 | 0.0.0.0 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.21.1.3.127.0.0.1 | RFC1213-MIB::ipRouteMetric1.127.0.0.1 | 127.0.0.1 | INTEGER: | 0 |
| .1.3.6.1.2.1.4.21.1.3.134.199.65.0 | RFC1213-MIB::ipRouteMetric1.134.199.65.0 | 134.199.65.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.4.21.1.4.0.0.0.0 | RFC1213-MIB::ipRouteMetric2.0.0.0.0 | 0.0.0.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.4.127.0.0.1 | RFC1213-MIB::ipRouteMetric2.127.0.0.1 | 127.0.0.1 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.4.134.199.65.0 | RFC1213-MIB::ipRouteMetric2.134.199.65.0 | 134.199.65.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.5.0.0.0.0 | RFC1213-MIB::ipRouteMetric3.0.0.0.0 | 0.0.0.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.5.127.0.0.1 | RFC1213-MIB::ipRouteMetric3.127.0.0.1 | 127.0.0.1 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.5.134.199.65.0 | RFC1213-MIB::ipRouteMetric3.134.199.65.0 | 134.199.65.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.6.0.0.0.0 | RFC1213-MIB::ipRouteMetric4.0.0.0.0 | 0.0.0.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.6.127.0.0.1 | RFC1213-MIB::ipRouteMetric4.127.0.0.1 | 127.0.0.1 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.6.134.199.65.0 | RFC1213-MIB::ipRouteMetric4.134.199.65.0 | 134.199.65.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.7.0.0.0.0 | RFC1213-MIB::ipRouteNextHop.0.0.0.0 | 0.0.0.0 | IpAddress: | 134.199.65.251 |
| .1.3.6.1.2.1.4.21.1.7.127.0.0.1 | RFC1213-MIB::ipRouteNextHop.127.0.0.1 | 127.0.0.1 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.4.21.1.7.134.199.65.0 | RFC1213-MIB::ipRouteNextHop.134.199.65.0 | 134.199.65.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.4.21.1.8.0.0.0.0 | RFC1213-MIB::ipRouteType.0.0.0.0 | 0.0.0.0 | INTEGER: | indirect(4) |
| .1.3.6.1.2.1.4.21.1.8.127.0.0.1 | RFC1213-MIB::ipRouteType.127.0.0.1 | 127.0.0.1 | INTEGER: | direct(3) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.21.1.8.134.199.65.0 | RFC1213-MIB::ipRouteType.134.199.65.0 | 134.199.65.0 | INTEGER: | direct(3) |
| .1.3.6.1.2.1.4.21.1.9.0.0.0.0 | RFC1213-MIB::ipRouteProto.0.0.0.0 | 0.0.0.0 | INTEGER: | local(2) |
| .1.3.6.1.2.1.4.21.1.9.127.0.0.1 | RFC1213-MIB::ipRouteProto.127.0.0.1 | 127.0.0.1 | INTEGER: | local(2) |
| .1.3.6.1.2.1.4.21.1.9.134.199.65.0 | RFC1213-MIB::ipRouteProto.134.199.65.0 | 134.199.65.0 | INTEGER: | local(2) |
| .1.3.6.1.2.1.4.21.1.10.0.0.0.0 | RFC1213-MIB::ipRouteAge.0.0.0.0 | 0.0.0.0 | INTEGER: | 10962 |
| .1.3.6.1.2.1.4.21.1.10.127.0.0.1 | RFC1213-MIB::ipRouteAge.127.0.0.1 | 127.0.0.1 | INTEGER: | 10962 |
| .1.3.6.1.2.1.4.21.1.10.134.199.65.0 | RFC1213-MIB::ipRouteAge.134.199.65.0 | 134.199.65.0 | INTEGER: | 10962 |
| .1.3.6.1.2.1.4.21.1.11.0.0.0.0 | RFC1213-MIB::ipRouteMask.0.0.0.0 | 0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.4.21.1.11.127.0.0.1 | RFC1213-MIB::ipRouteMask.127.0.0.1 | 127.0.0.1 | IpAddress: | 255.255.255.255 |
| .1.3.6.1.2.1.4.21.1.11.134.199.65.0 | RFC1213-MIB::ipRouteMask.134.199.65.0 | 134.199.65.0 | IpAddress: | 255.255.255.0 |
| .1.3.6.1.2.1.4.21.1.12.0.0.0.0 | RFC1213-MIB::ipRouteMetric5.0.0.0.0 | 0.0.0.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.12.127.0.0.1 | RFC1213-MIB::ipRouteMetric5.127.0.0.1 | 127.0.0.1 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.12.134.199.65.0 | RFC1213-MIB::ipRouteMetric5.134.199.65.0 | 134.199.65.0 | INTEGER: | -1 |
| .1.3.6.1.2.1.4.21.1.13.0.0.0.0 | RFC1213-MIB::ipRouteInfo.0.0.0.0 | 0.0.0.0 | OID: | .0.0 |
| .1.3.6.1.2.1.4.21.1.13.127.0.0.1 | RFC1213-MIB::ipRouteInfo.127.0.0.1 | 127.0.0.1 | OID: | .0.0 |
| .1.3.6.1.2.1.4.21.1.13.134.199.65.0 | RFC1213-MIB::ipRouteInfo.134.199.65.0 | 134.199.65.0 | OID: | .0.0 |
| .1.3.6.1.2.1.4.22.1.1.1.134.199.65.115 | IP-MIB::ipNetToMediaIfIndex.1.134.199.65.115 | 1.134.199.65.115 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.22.1.1.1.134.199.65.251 | IP-MIB::ipNetToMediaIfIndex.1.134.199.65.251 | 1.134.199.65.251 | INTEGER: | 1 |
| .1.3.6.1.2.1.4.22.1.2.1.134.199.65.115 | IP-MIB::ipNetToMediaPhysAddress.1.134.199.65.115 | 1.134.199.65.115 | STRING: | 0:c0:9f:7:28:4a |
| .1.3.6.1.2.1.4.22.1.2.1.134.199.65.251 | IP-MIB::ipNetToMediaPhysAddress.1.134.199.65.251 | 1.134.199.65.251 | STRING: | 0:50:3e:a2:f4:0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.4.22.1.3.1.134.199.65.115 | IP-MIB::ipNetToMediaNetAddress.1.134.199.65.115 | 1.134.199.65.115 | IpAddress: | 134.199.65.115 |
| .1.3.6.1.2.1.4.22.1.3.1.134.199.65.251 | IP-MIB::ipNetToMediaNetAddress.1.134.199.65.251 | 1.134.199.65.251 | IpAddress: | 134.199.65.251 |
| .1.3.6.1.2.1.4.22.1.4.1.134.199.65.115 | IP-MIB::ipNetToMediaType.1.134.199.65.115 | 1.134.199.65.115 | INTEGER: | dynamic(3) |
| .1.3.6.1.2.1.4.22.1.4.1.134.199.65.251 | IP-MIB::ipNetToMediaType.1.134.199.65.251 | 1.134.199.65.251 | INTEGER: | dynamic(3) |
| .1.3.6.1.2.1.4.23.0 | IP-MIB::ipRoutingDiscards.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.1.0 | IP-MIB::icmpInMsgs.0 | 0 | Counter32: | 166 |
| .1.3.6.1.2.1.5.2.0 | IP-MIB::icmpInErrors.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.3.0 | IP-MIB::icmpInDestUnreachs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.4.0 | IP-MIB::icmpInTimeExcds.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.5.0 | IP-MIB::icmpInParmProbs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.6.0 | IP-MIB::icmpInSrcQuenchs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.7.0 | IP-MIB::icmpInRedirects.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.8.0 | IP-MIB::icmpInEchos.0 | 0 | Counter32: | 166 |
| .1.3.6.1.2.1.5.9.0 | IP-MIB::icmpInEchoReps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.10.0 | IP-MIB::icmpInTimestamps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.11.0 | IP-MIB::icmpInTimestampReps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.12.0 | IP-MIB::icmpInAddrMasks.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.13.0 | IP-MIB::icmpInAddrMaskReps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.14.0 | IP-MIB::icmpOutMsgs.0 | 0 | Counter32: | 192 |
| .1.3.6.1.2.1.5.15.0 | IP-MIB::icmpOutErrors.0 | 0 | Counter32: | 26 |
| .1.3.6.1.2.1.5.16.0 | IP-MIB::icmpOutDestUnreachs.0 | 0 | Counter32: | 26 |
| .1.3.6.1.2.1.5.17.0 | IP-MIB::icmpOutTimeExcds.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.18.0 | IP-MIB::icmpOutParmProbs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.19.0 | IP-MIB::icmpOutSrcQuenchs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.20.0 | IP-MIB::icmpOutRedirects.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.21.0 | IP-MIB::icmpOutEchos.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.22.0 | IP-MIB::icmpOutEchoReps.0 | 0 | Counter32: | 166 |
| .1.3.6.1.2.1.5.23.0 | IP-MIB::icmpOutTimestamps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.24.0 | IP-MIB::icmpOutTimestampReps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.25.0 | IP-MIB::icmpOutAddrMasks.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.5.26.0 | IP-MIB::icmpOutAddrMaskReps.0 | 0 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.1.0 | TCP-MIB::tcpRtoAlgorithm.0 | 0 | INTEGER: | vanj(4) |
| .1.3.6.1.2.1.6.2.0 | TCP-MIB::tcpRtoMin.0 | 0 | INTEGER: | 1000 milliseconds |
| .1.3.6.1.2.1.6.3.0 | TCP-MIB::tcpRtoMax.0 | 0 | INTEGER: | 64000 milliseconds |
| .1.3.6.1.2.1.6.4.0 | TCP-MIB::tcpMaxConn.0 | 0 | INTEGER: | -1 |
| .1.3.6.1.2.1.6.5.0 | TCP-MIB::tcpActiveOpens.0 | 0 | Counter32: | 25 |
| .1.3.6.1.2.1.6.6.0 | TCP-MIB::tcpPassiveOpens.0 | 0 | Counter32: | 347 |
| .1.3.6.1.2.1.6.7.0 | TCP-MIB::tcpAttemptFails.0 | 0 | Counter32: | 1 |
| .1.3.6.1.2.1.6.8.0 | TCP-MIB::tcpEstabResets.0 | 0 | Counter32: | 4 |
| .1.3.6.1.2.1.6.9.0 | TCP-MIB::tcpCurrEstab.0 | 0 | Gauge32: | 0 |
| .1.3.6.1.2.1.6.10.0 | TCP-MIB::tcpInSegs.0 | 0 | Counter32: | 27899 |
| .1.3.6.1.2.1.6.11.0 | TCP-MIB::tcpOutSegs.0 | 0 | Counter32: | 27717 |
| .1.3.6.1.2.1.6.12.0 | TCP-MIB::tcpRetransSegs.0 | 0 | Counter32: | 76 |
| .1.3.6.1.2.1.6.13.1.1.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnState.0.0.0.0.2002.0.0.0.0.0 | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnState.127.0.0.1.7001.0.0.0.0.0 | 127.0.0.1.7001.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnState.127.0.0.1.7003.0.0.0.0.0 | 127.0.0.1.7003.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.10005.0.0.0.0.0 | TCP-MIB::tcpConnState.127.0.0.1.10005.0.0.0.0.0 | 127.0.0.1.10005.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.10006.0.0.0.0.0 | TCP-MIB::tcpConnState.127.0.0.1.10006.0.0.0.0.0 | 127.0.0.1.10006.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.127.0.0.1.10007.0.0.0.0.0 | TCP-MIB::tcpConnState.127.0.0.1.10007.0.0.0.0.0 | 127.0.0.1.10007.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.23.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.23.0.0.0.0.0 | 134.199.65.56.23.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.1606.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.1606.0.0.0.0.0 | 134.199.65.56.1606.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.1752.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.1752.0.0.0.0.0 | 134.199.65.56.1752.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.2001.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.2001.0.0.0.0.0 | 134.199.65.56.2001.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.15373.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.15373.0.0.0.0.0 | 134.199.65.56.15373.0.0.0.0 | INTEGER: | listen(2) |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.1.134.199.65.56.15374.0.0.0.0.0 | TCP-MIB::tcpConnState.134.199.65.56.15374.0.0.0.0.0 | 134.199.65.56.15374.0.0.0.0.0 | INTEGER: | listen(2) |
| .1.3.6.1.2.1.6.13.1.2.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.0.0.0.0.2002.0.0.0.0.0 | 0.0.0.0.2002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.127.0.0.1.7001.0.0.0.0.0 | 127.0.0.1.7001.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.127.0.0.1.7003.0.0.0.0.0 | 127.0.0.1.7003.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.10005.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.127.0.0.1.10005.0.0.0.0.0 | 127.0.0.1.10005.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.10006.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.127.0.0.1.10006.0.0.0.0.0 | 127.0.0.1.10006.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.127.0.0.1.10007.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.127.0.0.1.10007.0.0.0.0.0 | 127.0.0.1.10007.0.0.0.0 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.23.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.23.0.0.0.0.0 | 134.199.65.56.23.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.1606.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.1606.0.0.0.0.0 | 134.199.65.56.1606.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.1752.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.1752.0.0.0.0.0 | 134.199.65.56.1752.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.2001.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.2001.0.0.0.0.0 | 134.199.65.56.2001.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.15373.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.15373.0.0.0.0.0 | 134.199.65.56.15373.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.2.134.199.65.56.15374.0.0.0.0.0 | TCP-MIB::tcpConnLocalAddress.134.199.65.56.15374.0.0.0.0.0 | 134.199.65.56.15374.0.0.0.0 | IpAddress: | 134.199.65.56 |
| .1.3.6.1.2.1.6.13.1.3.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.0.0.0.0.2002.0.0.0.0.0 | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | 2002 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.127.0.0.1.7001.0.0.0.0.0 | 127.0.0.1.7001.0.0.0.0 | INTEGER: | 7001 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.127.0.0.1.7003.0.0.0.0.0 | 127.0.0.1.7003.0.0.0.0 | INTEGER: | 7003 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.10005.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.127.0.0.1.10005.0.0.0.0.0 | 127.0.0.1.10005.0.0.0.0.0 | INTEGER: | 10005 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.10006.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.127.0.0.1.10006.0.0.0.0.0 | 127.0.0.1.10006.0.0.0.0.0 | INTEGER: | 10006 |
| .1.3.6.1.2.1.6.13.1.3.127.0.0.1.10007.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.127.0.0.1.10007.0.0.0.0.0 | 127.0.0.1.10007.0.0.0.0 | INTEGER: | 10007 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.23.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.23.0.0.0.0.0 | 134.199.65.56.23.0.0.0.0 | INTEGER: | 23 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.1606.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.1606.0.0.0.0.0 | 134.199.65.56.1606.0.0.0.0 | INTEGER: | 1606 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.1752.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.1752.0.0.0.0.0 | 134.199.65.56.1752.0.0.0.0 | INTEGER: | 1752 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.2001.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.2001.0.0.0.0.0 | 134.199.65.56.2001.0.0.0.0 | INTEGER: | 2001 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.15373.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.15373.0.0.0.0.0 | 134.199.65.56.15373.0.0.0.0 | INTEGER: | 15373 |
| .1.3.6.1.2.1.6.13.1.3.134.199.65.56.15374.0.0.0.0.0 | TCP-MIB::tcpConnLocalPort.134.199.65.56.15374.0.0.0.0.0 | 134.199.65.56.15374.0.0.0.0 | INTEGER: | 15374 |
| .1.3.6.1.2.1.6.13.1.4.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.0.0.0.0.2002.0.0.0.0.0 | 0.0.0.0.2002.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.127.0.0.1.7001.0.0.0.0.0 | 127.0.0.1.7001.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.127.0.0.1.7003.0.0.0.0.0 | 127.0.0.1.7003.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.10005.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.127.0.0.1.10005.0.0.0.0.0 | 127.0.0.1.10005.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.10006.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.127.0.0.1.10006.0.0.0.0.0 | 127.0.0.1.10006.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.127.0.0.1.10007.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.127.0.0.1.10007.0.0.0.0.0 | 127.0.0.1.10007.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.23.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.23.0.0.0.0.0 | 134.199.65.56.23.0.0.0.0 | IpAddress: | 0.0.0.0 |

SNMP Developer Guide

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.1606.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.1606.0.0.0.0.0 | 134.199.65.56.1606.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.1752.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.1752.0.0.0.0.0 | 134.199.65.56.1752.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.2001.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.2001.0.0.0.0.0 | 134.199.65.56.2001.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.15373.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.15373.0.0.0.0.0 | 134.199.65.56.15373.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.4.134.199.65.56.15374.0.0.0.0.0 | TCP-MIB::tcpConnRemAddress.134.199.65.56.15374.0.0.0.0.0 | 134.199.65.56.15374.0.0.0.0.0 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.6.13.1.5.0.0.0.0.2002.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.0.0.0.0.2002.0.0.0.0.0 | 0.0.0.0.2002.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.127.0.0.1.7001.0.0.0.0.0 | 127.0.0.1.7001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.7003.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.127.0.0.1.7003.0.0.0.0.0 | 127.0.0.1.7003.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.10005.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.127.0.0.1.10005.0.0.0.0.0 | 127.0.0.1.10005.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.10006.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.127.0.0.1.10006.0.0.0.0.0 | 127.0.0.1.10006.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.127.0.0.1.10007.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.127.0.0.1.10007.0.0.0.0.0 | 127.0.0.1.10007.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.23.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.23.0.0.0.0.0 | 134.199.65.56.23.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.1606.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.1606.0.0.0.0.0 | 134.199.65.56.1606.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.1752.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.1752.0.0.0.0.0 | 134.199.65.56.1752.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.2001.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.2001.0.0.0.0.0 | 134.199.65.56.2001.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.15373.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.15373.0.0.0.0.0 | 134.199.65.56.15373.0.0.0.0.0 | INTEGER: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.6.13.1.5.134.199.65.56.15374.0.0.0.0.0 | TCP-MIB::tcpConnRemPort.134.199.65.56.15374.0.0.0.0.0 | 134.199.65.56.15374.0.0.0.0.0 | INTEGER: | 0 |
| .1.3.6.1.2.1.6.14.0 | TCP-MIB::tcpInErrs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.6.15.0 | TCP-MIB::tcpOutRsts.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.7.1.0 | UDP-MIB::udpInDatagrams.0 | 0 | Counter32: | 618 |
| .1.3.6.1.2.1.7.2.0 | UDP-MIB::udpNoPorts.0 | 0 | Counter32: | 2559 |
| .1.3.6.1.2.1.7.3.0 | UDP-MIB::udpInErrors.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.7.4.0 | UDP-MIB::udpOutDatagrams.0 | 0 | Counter32: | 594 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.161 | UDP-MIB::udpLocalAddress.0.0.0.0.161 | 0.0.0.0.161 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.1.0.0.0.0.17185 | UDP-MIB::udpLocalAddress.0.0.0.0.17185 | 0.0.0.0.17185 | IpAddress: | 0.0.0.0 |
| .1.3.6.1.2.1.7.5.1.1.127.0.0.1.1024 | UDP-MIB::udpLocalAddress.127.0.0.1.1024 | 127.0.0.1.1024 | IpAddress: | 127.0.0.1 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.161 | UDP-MIB::udpLocalPort.0.0.0.0.161 | 0.0.0.0.161 | INTEGER: | 161 |
| .1.3.6.1.2.1.7.5.1.2.0.0.0.0.17185 | UDP-MIB::udpLocalPort.0.0.0.0.17185 | 0.0.0.0.17185 | INTEGER: | 17185 |
| .1.3.6.1.2.1.7.5.1.2.127.0.0.1.1024 | UDP-MIB::udpLocalPort.127.0.0.1.1024 | 127.0.0.1.1024 | INTEGER: | 1024 |
| .1.3.6.1.2.1.11.1.0 | SNMPv2-MIB::snmpInPkts.0 | 0 | Counter32: | 602 |
| .1.3.6.1.2.1.11.2.0 | SNMPv2-MIB::snmpOutPkts.0 | 0 | Counter32: | 609 |
| .1.3.6.1.2.1.11.3.0 | SNMPv2-MIB::snmpInBadVersions.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.4.0 | SNMPv2-MIB::snmpInBadCommunityNames.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.5.0 | SNMPv2-MIB::snmpInBadCommunityUses.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.6.0 | SNMPv2-MIB::snmpInASNParseErrs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.8.0 | SNMPv2-MIB::snmpInTooBigs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.9.0 | SNMPv2-MIB::snmpInNoSuchNames.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.10.0 | SNMPv2-MIB::snmpInBadValues.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.11.0 | SNMPv2-MIB::snmpInReadOnlys.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.12.0 | SNMPv2-MIB::snmpInGenErrs.0 | 0 | Counter32: | 0 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.2.1.11.13.0 | SNMPv2-MIB::snmpInTotalReqVars.0 | 0 | Counter32: | 623 |
| .1.3.6.1.2.1.11.14.0 | SNMPv2-MIB::snmpInTotalSetVars.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.15.0 | SNMPv2-MIB::snmpInGetRequests.0 | 0 | Counter32: | 7 |
| .1.3.6.1.2.1.11.16.0 | SNMPv2-MIB::snmpInGetNexts.0 | 0 | Counter32: | 609 |
| .1.3.6.1.2.1.11.17.0 | SNMPv2-MIB::snmpInSetRequests.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.18.0 | SNMPv2-MIB::snmpInGetResponses.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.19.0 | SNMPv2-MIB::snmpInTraps.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.20.0 | SNMPv2-MIB::snmpOutTooBigs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.21.0 | SNMPv2-MIB::snmpOutNoSuchNames.0 | 0 | Counter32: | 1 |
| .1.3.6.1.2.1.11.22.0 | SNMPv2-MIB::snmpOutBadValues.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.24.0 | SNMPv2-MIB::snmpOutGenErrs.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.25.0 | SNMPv2-MIB::snmpOutGetRequests.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.26.0 | SNMPv2-MIB::snmpOutGetNexts.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.27.0 | SNMPv2-MIB::snmpOutSetRequests.0 | 0 | Counter32: | 0 |
| .1.3.6.1.2.1.11.28.0 | SNMPv2-MIB::snmpOutGetResponses.0 | 0 | Counter32: | 626 |
| .1.3.6.1.2.1.11.29.0 | SNMPv2-MIB::snmpOutTraps.0 | 0 | Counter32: | 7 |
| .1.3.6.1.2.1.11.30.0 | SNMPv2-MIB::snmpEnableAuthenTraps.0 | 0 | INTEGER: | disabled(2) |
| .1.3.6.1.4.1.1027.4.1.1.1.1.1.0 | MITEL-SX2000-MIB::mitelCs2000SysName.0 | 0 | STRING: | Ops55 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.1.0 | MITEL-SX2000-MIB::mitelCs2000AlmLevel.0 | 0 | INTEGER: | almCritical(4) |
| .1.3.6.1.4.1.1027.4.1.1.1.2.2.0 | MITEL-SX2000-MIB::mitelCs2000AlmDetectDate.0 | 0 | Should be OCTET STRING: | 07 D4 08 05 0D 0C 26 00 00 00 00 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.3.0 | MITEL-SX2000-MIB::mitelCs2000AlmNbrCategories.0 | 0 | INTEGER: | 2 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.1.1 | MITEL-SX2000-MIB::mitelCs2000CatTblIndex.1 | 1 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.1.2 | MITEL-SX2000-MIB::mitelCs2000CatTblIndex.2 | 2 | INTEGER: | 2 |

| OID | NAME | INDEX/S | TYPE | VALUE |
|---|---|---|---|---|
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.2.1 | MITEL-SX2000-MIB::mitelCs2000CatTblAvailable.1 | 1 | INTEGER: | 19 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.2.2 | MITEL-SX2000-MIB::mitelCs2000CatTblAvailable.2 | 2 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.3.1 | MITEL-SX2000-MIB::mitelCs2000CatTblUnavailable.1 | 1 | INTEGER: | 19 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.3.2 | MITEL-SX2000-MIB::mitelCs2000CatTblUnavailable.2 | 2 | INTEGER: | 1 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.4.1 | MITEL-SX2000-MIB::mitelCs2000CatTblLevel.1 | 1 | INTEGER: | almCritical(4) |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.4.2 | MITEL-SX2000-MIB::mitelCs2000CatTblLevel.2 | 2 | INTEGER: | almMajor(3) |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.5.1 | MITEL-SX2000-MIB::mitelCs2000CatTblMinorThresh.1 | 1 | INTEGER: | 0 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.5.2 | MITEL-SX2000-MIB::mitelCs2000CatTblMinorThresh.2 | 2 | INTEGER: | 101 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.6.1 | MITEL-SX2000-MIB::mitelCs2000CatTblMajorThresh.1 | 1 | INTEGER: | 20 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.6.2 | MITEL-SX2000-MIB::mitelCs2000CatTblMajorThresh.2 | 2 | INTEGER: | 0 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.7.1 | MITEL-SX2000-MIB::mitelCs2000CatTblCriticalThresh.1 | 1 | INTEGER: | 100 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.7.2 | MITEL-SX2000-MIB::mitelCs2000CatTblCriticalThresh.2 | 2 | INTEGER: | 101 |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.8.1 | MITEL-SX2000-MIB::mitelCs2000CatTblName.1 | 1 | STRING: | Lines |
| .1.3.6.1.4.1.1027.4.1.1.1.2.4.1.8.2 | MITEL-SX2000-MIB::mitelCs2000CatTblName.2 | 2 | STRING: | Security |

# APPENDIX C: Mitel-MIB Module Description

A copy of this file is located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor. The file is compiled into the relevant NMS managing the 3300 ICP managed devices.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

## Mitel-MIB

```
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-- proprietary intellectual property. MITEL retains all

-- title and ownership in the Specification, including any

-- revisions.


-- This Specification is supplied "AS IS", and MITEL makes

-- no warranty, either express or implied, as to the use,

-- operation, condition, or performance of the Specification.


MITEL-MIB DEFINITIONS ::= BEGIN


    IMPORTS

        MODULE-IDENTITY,

        OBJECT-IDENTITY,

        OBJECT-TYPE,

        enterprises,

        Integer32                      FROM SNMPv2-SMI

        TEXTUAL-CONVENTION             FROM SNMPv2-TC

        MODULE-COMPLIANCE,

        OBJECT-GROUP                   FROM SNMPv2-CONF

        ifIndex                        FROM IF-MIB;


    mitel               MODULE-IDENTITY

        LAST-UPDATED     "200601010000Z"

        ORGANIZATION     "MITEL Networks Corporation"

        CONTACT-INFO     "Standards Group,

                          Postal:    MITEL Networks Corporation

                          350 Legget Drive, PO Box 13089

                          Kanata, Ontario

                          Canada  K2K 2W7

                          Tel: +1 613 592 2122
```

```
                         Fax: +1 613 592 4784
                         E-mail: std@mitel.com"
    DESCRIPTION          "The top-level MITEL MIB module."
    REVISION             "200601010000Z"
    DESCRIPTION          "To be consistent with all other products this
                          MIB was sanitized."
    REVISION             "200504122134Z"
    DESCRIPTION          "Small mods to naming convention to be
                          consistent."
    REVISION             "200402230000Z"
    DESCRIPTION          "MITEL-MIB Version 3.0.0.2 - Draft"
    REVISION             "9902230000Z"
    DESCRIPTION          "MIB Version 2.0"
    REVISION             "9604260000Z"
    DESCRIPTION          "MIB Version 1.0"
::= { enterprises 1027 }



-- ************************************************************
-- MITEL-specific Textual Conventions
-- ************************************************************


MitelIfType ::=         TEXTUAL-CONVENTION
    STATUS              current
    DESCRIPTION         "The MITEL-defined interface type.
                        Additions to this list must be provided
                        by the MITEL Standards Group."
    SYNTAX              INTEGER {
                              dnic(1) -- DNIC interface (example only)
                        }


MitelNotifyTransportType ::= TEXTUAL-CONVENTION
    STATUS              current
    DESCRIPTION         "The method of transporting a notification
                        to an interested manager."
    SYNTAX              INTEGER {
                        mitelNotifTransV1Trap(1), -- use SNMPv1 trap PDU
                        mitelNotifTransV2Trap(2), -- use SNMPv2 trap PDU
                        mitelNotifTransInform(3)  -- use InformRequest
                        PDU
                        }
-- ************************************************************
-- MITEL sub-tree
```

```
-- *************************************************************


mitelIdentification    OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "The identification subtree. Leaves in this
                        subtree are used for the sysObjectID field in
                        the MIB-II system tree or other similar OID
                        fields."
    ::= { mitel 1 }


mitelExperimental      OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "The experimental MIB development subtree. The
                        branches in this subtree should follow the
                        format of the mitelProprietary subtree."
    ::= { mitel 2 }


mitelExtensions        OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "The standards extension subtree. Used for
                        extensions to any of the standard subtrees
                        under the MIB-II subtree."
    ::= { mitel 3 }


mitelProprietary       OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "The managed information subtree. Leaves in this
                        subtree are generic devices or protocols that
                        can be managed."
    ::= { mitel 4 }


mitelConformance       OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "The conformance subtree. Leaves in this subtree
                        identify compliance grouping and requirements."
    ::= { mitel 5 }


-- *************************************************************
-- The mitelIdentification subtree... platform/test identification.
-- *************************************************************


mitelIdMgmtPlatforms   OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Products used to manage MITEL equipment."
```

```
    ::= { mitelIdentification 1 }


mitelIdCallServers     OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Products providing call processing
                        capabilities."
    ::= { mitelIdentification 2 }


mitelIdTerminals       OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Desktop products."
    ::= { mitelIdentification 3 }


mitelIdInterfaces      OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Products providing the interface between a call
                        processing entity and a network or terminal."
    ::= { mitelIdentification 4 }


mitelIdCtiPlatforms    OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Products providing computer-telephony
                        integration capabilities."
    ::= { mitelIdentification 5 }


mitelIdApplicationPlatforms   OBJECT-IDENTITY
    STATUS             current
    DESCRIPTION        "Products providing application-based platforms
                        that provide value-added capabilities."
    ::= { mitelIdentification 6 }



-- mitelIdApplications ::= { mitelIdentification 7 }   Located in MTL-
APPLIST-MIB




-- ************************************************************
-- The mitelIdentification subtree... platform/test identification.
-- ************************************************************


-- mitelIdMgmtPlatforms subtree
```

```
--  ::= { mitelIdMgmtPlatforms 1 }        this OID is obsolete


-- mitelIdCallServers subtree


mitelIdCs2000Light          OBJECT-IDENTITY
    STATUS            current
    DESCRIPTION       "The MC-2 call server."
    ::= { mitelIdCallServers 1 }


mitelIdCsIpera3000      OBJECT-IDENTITY
    STATUS            current
    DESCRIPTION       "The MITEL Networks 3300 ICP Call Server."
    ::= { mitelIdCallServers 2 }


-- mitelIdApplicationPlatforms subtree


-- mitelIdAppPlatMasServer  OBJECT-IDENTITY
--     STATUS            current
--     DESCRIPTION        "The Mitel Networks 3300 MAS application
                          server platform."
--         ::= { mitelIdApplicationPlatforms 1 }


-- ****************************************************************
-- The mitelExperimental subtree... prototype MIB development.
-- ****************************************************************


-- ****************************************************************
-- The mitelExtensions subtree... extensions to MIB-II.
-- ****************************************************************


mitelExtInterfaces    OBJECT-IDENTITY
    STATUS            current
    DESCRIPTION       "Proprietary extensions to the MIB-II subtree."
    ::= { mitelExtensions 2 }


-- the Interfaces table


-- The Interfaces table contains information on the entity's
-- interfaces.  Each sub-layer below the internetwork-layer
-- of a network interface is considered to be an interface.


mitelIfNumber        OBJECT-TYPE
```

```
    SYNTAX          Integer32
    MAX-ACCESS      read-only
    STATUS          current
    DESCRIPTION     "The number of MITEL proprietary interfaces
                    (regardless of their current state) present on
                    this system."
    ::= { mitelExtInterfaces 1 }


mitelIfTable          OBJECT-TYPE
    SYNTAX          SEQUENCE OF MitelIfTableEntry
    MAX-ACCESS      not-accessible
    STATUS          current
    DESCRIPTION     "A list of interface entries.  The number of
                     entries
                    is given by the value of mitelIfNumber. The table
                    consists of one row for each MITEL-specific
                     interface, and is indexed by the ifIndex value
                     of the corresponding row in the MIB-II ifTable."
    ::= { mitelExtInterfaces 2 }


mitelIfTableEntry     OBJECT-TYPE
    SYNTAX          MitelIfTableEntry
    MAX-ACCESS      not-accessible
    STATUS          current
    DESCRIPTION     "An entry containing management information
                     applicable to a particular interface."
    INDEX   { ifIndex }
    ::= { mitelIfTable 1 }


MitelIfTableEntry ::=
    SEQUENCE {
        mitelIfTblType   MitelIfType
    }


mitelIfTblType        OBJECT-TYPE
    SYNTAX          MitelIfType
    MAX-ACCESS      read-only
    STATUS          current
    DESCRIPTION     "The type of interface.  Additional values for
                     mitelIfTblType are assigned by the Standards
                     Group, through updating the syntax of the
                     MitelIfType textual convention. This row is
                     deleted automatically when the corresponding
                     ifTable row is deleted."
```

```
      ::= { mitelIfTableEntry 1 }


-- ****************************************************************
-- The mitelProprietary subtree... proprietary managed objects.
-- ****************************************************************


mitelPropApplications OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Manageable applications."
    ::= { mitelProprietary 1 }


mitelPropTransmission OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "MITEL proprietary transmission media."
    ::= { mitelProprietary 2 }


mitelPropProtocols   OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Manageable proprietary protocols."
    ::= { mitelProprietary 3 }


mitelPropUtilities   OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Manageable utilities and middleware."
    ::= { mitelProprietary 4 }


mitelPropHardware    OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Management of proprietary hardware."
    ::= { mitelProprietary 5 }


mitelPropNotifications OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Control and history of proprietary
                     notifications."
    ::= { mitelProprietary 6 }


mitelPropReset       OBJECT-IDENTITY
    STATUS          current
    DESCRIPTION     "Access for remote reset of agent and platform."
    ::= { mitelProprietary 7 }
```

```
  -- ::= { mitelProprietary 8 }     Located in MITEL-xx-MIB


mitelPropCommon         OBJECT-IDENTITY
    STATUS              current
    DESCRIPTION         "Manageable of common information that can span
                         hardware, middleware, and utilities."
    ::= { mitelProprietary 9 }


-- ****************************************************************
-- The mitelPropApplications subtree... Manageable Applications.
-- ****************************************************************


mitelAppCallServer    OBJECT-IDENTITY
    STATUS              current
    DESCRIPTION         "Manageable Mitel Call Servers."
::= { mitelPropApplications 1 }


-- mitelAppCommon ::= { mitelPropApplications 2 }    Located in MTL-
                                                     APPCMN-MIB


--  ::= { mitelPropApplications 5 }              this OID is obsolete


-- ****************************************************************
-- The mitelPropCommon subtree... Management of common information
--   that may apply many manageable entities.
-- ****************************************************************


-- mitelPropCommon ::= { mitelCmnAlarms 1 }          Located in MTL-
                                                     CMNALM-MIB


-- ****************************************************************
-- The mitelConformance subtree.
-- ****************************************************************


mitelConfCompliances  OBJECT-IDENTITY
    STATUS              current
    DESCRIPTION         "The compliance subtree. Leaves in this subtree
                         are used for defining the ways in which an
                         agent can claim compliance with this or other
                         MITEL MIBs."
    ::= { mitelConformance 1 }


mitelConfGroups         OBJECT-IDENTITY
    STATUS              current
```

```
      DESCRIPTION        "The group subtree. Leaves in this subtree
                          identify object groupings used in the
                          compliance statements."
      ::= { mitelConformance 2 }


  mitelGrpCommon       OBJECT-IDENTITY
      STATUS           current
      DESCRIPTION      "The groups associated with the MITEL MIB."
      ::= { mitelConfGroups 1 }


  --  ::= { mitelConfGroups 2 }    this OID is obsolete


  mitelGrpCs2000       OBJECT-IDENTITY
      STATUS           current
      DESCRIPTION      "The groups associated with the MITEL SX2000
                        MIB."
      ::= { mitelConfGroups 3 }



  mitelGrpIpera3000     OBJECT-IDENTITY
      STATUS           current
      DESCRIPTION      "The groups associated with the MITEL 3300 ICP
                        MIB."
      ::= { mitelConfGroups 4 }


mitelConfAgents        OBJECT-IDENTITY
     STATUS            current
     DESCRIPTION       "The agent capabilities subtree. Leaves in this
                        subtree are used for defining the capabilities
                        of a particular agent implementation regarding
                        the MIB compliance statements."
     ::= { mitelConformance 3 }


--  ::= { mitelConfAgents 1 }          this OID is obsolete
--  ::= { mitelConfAgents 2 }          Located in MITEL-SX2000-MIB
--  ::= { mitelConfAgents 3 }          Located in MITEL-3300ICP-MIB


-- ************************************************************
-- The mitelConfCompliances subtree.
-- ************************************************************


mitelComplMitel        MODULE-COMPLIANCE
    STATUS             current
```

```
    DESCRIPTION        "The compliance statement for SNMPv2 entities
                        which implement the MITEL MIB."
    MODULE -- compliance to the MITEL MIB module
    GROUP              mitelGrpCmnInterfaces
    DESCRIPTION         "This group is mandatory for systems
                        with MITEL-proprietary interfaces."
    ::= { mitelConfCompliances 1 }


--  ::= { mitelConfCompliances 2 }          This OID is obsolete
--  ::= { mitelConfCompliances 3 }          Located in MITEL-SX2000-MIB
--  ::= { mitelConfCompliances 4 }          Located in MITEL-3300ICP-MIB
--  ::= { mitelConfCompliances 5 }          Located in MITEL-APPCMN-MIB




-- ****************************************************************
-- The mitelConfGroups common subtree.
-- ****************************************************************


--  mitelGrpCmnNotifTraps ::= { mitelGrpCommon 1 } (preserved)
--  mitelGrpCmnNotifBasic ::= { mitelGrpCommon 2 } (preserved)
--  mitelGrpCmnNotifManagers ::= { mitelGrpCommon 3 } (preserved)
--  mitelGrpCmnNotifHistory ::= { mitelGrpCommon 4 } (preserved)
--  mitelGrpCmnNotifAck ::= { mitelGrpCommon 5 } (preserved)


mitelGrpCmnInterfaces OBJECT-GROUP
    OBJECTS            {
                         mitelIfNumber, mitelIfTblType
                       }
    STATUS             current
    DESCRIPTION        "The objects in the MIB-II interfaces
                        extension."
    ::= { mitelGrpCommon 6 }


--  mitelGrpCmnReset ::= { mitelGrpCommon 7 } (preserved)


END
```

# APPENDIX D: Mitel-IperaVoiceLAN-MIB Description

A copy of this file is located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor. The file is compiled into the relevant NMS managing the 3300 ICP managed devices.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

## Mitel-IperaVoiceLAN

```
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-- operation, condition, or performance of the Specification.


MITEL-IperaVoiceLAN-MIB DEFINITIONS ::= BEGIN



    IMPORTS
      OBJECT-TYPE
            FROM RFC-1212
      TRAP-TYPE
            FROM RFC-1215
      DisplayString, sysName
            FROM RFC1213-MIB
        mitelAppCallServer, mitelConfCompliances,
        mitelConfAgents,
        mitelGrpIpera3000, mitelIdCsIpera3000
            FROM MITEL-MIB;


    mitelAppCsIpera3000  OBJECT IDENTIFIER ::= {mitelAppCallServer 2}  --
"1" being used for sx2000 as mitelAppCs2000
-- MODULE-IDENTITY
--        LAST-UPDATED      "200601200000000Z"
--        ORGANIZATION      "MITEL Corporation"
--        CONTACT-INFO      "MITEL Corporation
--                          350 Legget Drive, PO Box 13089
```

```
--                              Kanata, Ontario
--                              Canada  K2K 1X3
--                              Tel: +1 613 592 2122
--                              Fax: +1 613 592 4784"
--        DESCRIPTION          "The MITEL Ipera 3000 MIB module."
--        REVISION             "20060120000000Z"
--        DESCRIPTION      "Replaced Integer32 with INTEGER."
--        REVISION             "20051129000000Z"
--        DESCRIPTION      "Addition of shutdown and restart complete traps
                            and new scalar objects.  Also updated the
                            copyright notice and cleaned up some SMI lint
                            warnings."
--        REVISION             "0011100000Z"
--        DESCRIPTION      "Mitel Ipera 3000 MIB Version 1.0"


-- For SNMPv1 compliance:
DateAndTime ::= OCTET STRING(SIZE(8 | 11))


    -- ***********************************
    -- Ipera 3000-specific Textual Conventions
    -- ***********************************


    MitelIpera3000AlarmLevelType ::= INTEGER
               {                  almClear(1),    -- all clear
                                  almMinor(2),    -- minor alarm
                                  almMajor(3),    -- major alarm
                                  almCritical(4)  -- critical alarm
                   }


    MitelIpera3000ShutdownCause ::= INTEGER
               {
     resourcesLowReboot (1), -- System reboot to reclaim resources.
     softwareFailureReboot (2), --  System reboot due to a serious
                                    software fault.
     hardwareFailureReboot (3), --  System reboot due to a serious
                                    hardware fault.
     softwareUpgradedReboot (4), -- System reboot because software was
                                    upgraded.
     databaseRestoreReboot (5), -- System reboot because a database was
                                    restored.
     intermediateReboot (6), -- System reboot during startup because of a
                                configuration change.
     l2SwitchFailureReboot (7), -- Layer 2 switch shutdown system to
                                    restore internal communications.
```

```
        remoteAlarmButtonReboot (8), -- System reboot because user pressed
                                    remote alarm button.
        programmedReboot (9), -- A programmed reboot was scheduled and took
                              place.
        maintenanceCommandReboot (10), -- System was reset by the user at the
                                       maintenance interface.
        maintenanceCommandShutdown (11), -- System was shutdown by the user
                                         at the maintenance interface.
        shutdownCauseNotReported (12) -- Shutdown cause not reported.
                }


    MitelIpera3000ResetCause ::= INTEGER
                {
        pushButtonReset (1), -- The reset button on the chasis was pushed.
        softwareInitiatedReset (2), -- The software in the system requested a
                                    reset.
        powerOnReset (3), -- Reset because controller power was interrupted.
        systemFaultReset (4), -- A serious software or hardware error
                              occurred.
        uknownReset (5) -- Reset cause unknown.
                }


--TEXTUAL-CONVENTION
--      STATUS          current
--      DESCRIPTION     "The MITEL-defined alarm level type."



--TEXTUAL-CONVENTION
--      STATUS          current
--      DESCRIPTION     "The MITEL-defined primary ICP operational
                         state."



--TEXTUAL-CONVENTION
--      STATUS          current
--      DESCRIPTION     "The MITEL-defined primary ICP operational
                         state."


    -- **********************************
    -- The mitelAppCsIpera3000 subtree... Ipera 3000.
    -- **********************************


    mitelIpera3000System  OBJECT IDENTIFIER ::= {mitelAppCsIpera3000 1 }
--OBJECT-IDENTITY
```

```
--      STATUS                current
--      DESCRIPTION           "Subtree for any product-specific
                               information."
--      ::= { mitelAppCsIpera3000 1 }


    mitelIpera3000Alarms   OBJECT IDENTIFIER ::= {mitelAppCsIpera3000 2}
--OBJECT-IDENTITY
--      STATUS                current
--      DESCRIPTION           "Alarms information for the Ipera 3000."
--      ::= { mitelAppCsIpera3000 2 }


    mitelIpera3000Resilience   OBJECT IDENTIFIER ::= {mitelAppCsIpera3000
4}
--OBJECT-IDENTITY
--      STATUS                current
--      DESCRIPTION           "Resiliency information for the Ipera 3000."
--      ::= { mitelAppCsIpera3000 4 }


    mitelIpera3000Applications   OBJECT IDENTIFIER ::= {mitelAppCsIpera3000
5}
--OBJECT-IDENTITY
--      STATUS                current
--      DESCRIPTION           "Subtree for Ipera 3000 Applications."
--      ::= { mitelAppCsIpera3000 5 }


--  ::= { mitelIpera3000Applications 1 }        Located in MITEL-BWM-MIB


    -- ***********************************
    -- The mitel subtree... table of Call Server-specific system
information.
    -- ***********************************


--      mitelIpera3000SysName    OBJECT-TYPE
--          SYNTAX            DisplayString (SIZE (0..255))
--          ACCESS         read-only
--          STATUS         obsolete
--          DESCRIPTION       "The name of the call server."
--          ::= { mitelIpera3000System 1 }


    mitelIpera3000SysCapDisplay   OBJECT IDENTIFIER ::=
{mitelIpera3000System 2 }
--OBJECT-IDENTITY
--      STATUS                current
```

```
--    DESCRIPTION           "Subtree for any system capacity information."
--    ::= { mitelIpera3000System 2 }


    mitelIpera3000CEID  OBJECT-TYPE
        SYNTAX            DisplayString (SIZE (0..255))
        ACCESS        read-only
        STATUS          mandatory
        DESCRIPTION       "The Cluster Element ID is a number to identify
                           a node that is in a cluster.  This number is
                           not guaranteed to be unique."
    ::= { mitelIpera3000System 3 }


    mitelIpera3000PNI  OBJECT-TYPE
        SYNTAX            DisplayString (SIZE (0..255))
        ACCESS        read-only
        STATUS          mandatory
        DESCRIPTION       "The Primary Node ID is a number assigned to a
                           cluster of nodes for a dialing plan.  Though a
                           good candidate to identify a cluster, it is not
                           unique across a network."
    ::= { mitelIpera3000System 4 }


    mitelIpera3000ClusterName  OBJECT-TYPE
        SYNTAX            DisplayString (SIZE (0..255))
        ACCESS        read-only
        STATUS          mandatory
        DESCRIPTION       "The Cluster Name is a unique name that clearly
                           identifies a cluster.  Introduced in 3300 6.0
                           release."
    ::= { mitelIpera3000System 5 }


    -- **********************************
    -- The mitel subtree... table of System Capacity Display-specific
system information.
    -- **********************************


    mitelIpera3000IPUsrLicPurchased    OBJECT-TYPE
        SYNTAX            INTEGER
        ACCESS        read-only
        STATUS          mandatory
        DESCRIPTION       "The number of the user license purchased."
        ::= { mitelIpera3000SysCapDisplay 1 }
```

```
mitelIpera3000IPUsrLicUsed    OBJECT-TYPE
    SYNTAX            INTEGER
    ACCESS        read-only
    STATUS            mandatory
    DESCRIPTION        "The number of the user license used."
    ::= { mitelIpera3000SysCapDisplay 2 }


mitelIpera3000IPDevLicPurchased    OBJECT-TYPE
    SYNTAX            INTEGER
    ACCESS        read-only
    STATUS            mandatory
    DESCRIPTION        "The number of the device license purchased."
    ::= { mitelIpera3000SysCapDisplay 3 }


mitelIpera3000IPDevLicUsed    OBJECT-TYPE
    SYNTAX            INTEGER
    ACCESS        read-only
    STATUS            mandatory
    DESCRIPTION        "The number of the device license used."
    ::= { mitelIpera3000SysCapDisplay 4 }


-- **********************************
-- The mitelIpera3000Alarms subtree... table of alarm states
-- **********************************



mitelIpera3000AlmLevel        OBJECT-TYPE
    SYNTAX            MitelIpera3000AlarmLevelType
    ACCESS        read-only
    STATUS            mandatory
    DESCRIPTION        "The current overall alarm level for the call
                        server."
    ::= { mitelIpera3000Alarms 1 }


mitelIpera3000AlmDetectDate  OBJECT-TYPE
    SYNTAX            DateAndTime
    ACCESS        read-only
    STATUS            mandatory
    DESCRIPTION        "Defines when the alarm was detected."
    ::= { mitelIpera3000Alarms 2 }


mitelIpera3000AlmNbrCategories OBJECT-TYPE
```

```
      SYNTAX              INTEGER
      ACCESS         read-only
      STATUS          mandatory
      DESCRIPTION        "Defines the number of associated entries in
                          the categories table."
      ::= { mitelIpera3000Alarms 3 }


   -- ***********************************
   -- The mitelIpera3000CategoryTable subtree... table of categorized
alarms
   -- ***********************************


   mitelIpera3000CategoryTable  OBJECT-TYPE
      SYNTAX              SEQUENCE OF MitelIpera3000CategoryTableEntry
      ACCESS         not-accessible
      STATUS          mandatory
      DESCRIPTION        "Table defining the alarm state for individual
                          call server categories. There will be multiple
                          categories for each call server. The number of
                          rows in the table is determined by the total
                          of the mitelIpera3000AlmTblNbrCategories value."
      ::= { mitelIpera3000Alarms 4 }


   mitelIpera3000CategoryTableEntry OBJECT-TYPE
      SYNTAX              MitelIpera3000CategoryTableEntry
      ACCESS         not-accessible
      STATUS          mandatory
      DESCRIPTION        "A row defining a single category."
      INDEX              { mitelIpera3000CatTblIndex }
      ::= { mitelIpera3000CategoryTable 1 }


   MitelIpera3000CategoryTableEntry ::=
      SEQUENCE {
        mitelIpera3000CatTblIndex            INTEGER,
        mitelIpera3000CatTblAvailable        INTEGER,
        mitelIpera3000CatTblUnavailable      INTEGER,
        mitelIpera3000CatTblLevel
MitelIpera3000AlarmLevelType,
        mitelIpera3000CatTblMinorThresh      INTEGER,
        mitelIpera3000CatTblMajorThresh      INTEGER,
        mitelIpera3000CatTblCriticalThresh   INTEGER,
        mitelIpera3000CatTblName             DisplayString
      }
```

**260**

```
mitelIpera3000CatTblIndex    OBJECT-TYPE
    SYNTAX           INTEGER (1..65535)
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION      "Differentiates the different category reports
                      for the call server. The first category
                      will have an index value of 1, the second will
                      have 2, etc. up to the last category report. The
                      highest possible index value is 100."
    ::= { mitelIpera3000CategoryTableEntry 1 }


mitelIpera3000CatTblAvailable OBJECT-TYPE
    SYNTAX           INTEGER
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION      "The number of available resources of this type
                      of category on this call server."
    ::= { mitelIpera3000CategoryTableEntry 2 }


mitelIpera3000CatTblUnavailable OBJECT-TYPE
    SYNTAX           INTEGER
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION      "The number of unavailable resources of this
                       type of category on this call server."
    ::= { mitelIpera3000CategoryTableEntry 3 }


mitelIpera3000CatTblLevel    OBJECT-TYPE
    SYNTAX           MitelIpera3000AlarmLevelType
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION      "Defines the alarm level for this category on
                       this call server."
    ::= { mitelIpera3000CategoryTableEntry 4 }


mitelIpera3000CatTblMinorThresh OBJECT-TYPE
    SYNTAX           INTEGER
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION      "The percentage unavailable threshold indicating
                       a minor alarm on this call server category."
    ::= { mitelIpera3000CategoryTableEntry 5 }
```

```
mitelIpera3000CatTblMajorThresh OBJECT-TYPE
    SYNTAX            INTEGER
    ACCESS        read-only
    STATUS          mandatory
    DESCRIPTION        "The percentage unavailable threshold indicating
                        a major alarm on this call server category."
    ::= { mitelIpera3000CategoryTableEntry 6 }


mitelIpera3000CatTblCriticalThresh OBJECT-TYPE
    SYNTAX            INTEGER
    ACCESS        read-only
    STATUS          mandatory
    DESCRIPTION        "The percentage unavailable threshold indicating
                        a critical alarm on this call server category."
    ::= { mitelIpera3000CategoryTableEntry 7 }


mitelIpera3000CatTblName     OBJECT-TYPE
    SYNTAX            DisplayString (SIZE (0..255))
    ACCESS        read-only
    STATUS          mandatory
    DESCRIPTION        "The name of this resource category."
    ::= { mitelIpera3000CategoryTableEntry 8 }


mitelIpera3000TrapAlmShutdownCause OBJECT-TYPE
    SYNTAX            MitelIpera3000ShutdownCause
    ACCESS        read-only
    STATUS          mandatory
    DESCRIPTION        "This value is only useful for the shutdown
                        trap.  This scalar is not persistent.  A
                        GET on this scalar will always return:
                        shutdownCauseNotReported (11).

                        Defines the last known shutdown cause.
                        This shutdown is the last orderly shutdown
                        of the system.  Do not confuse this with the
                        ResetCause.  e.g. this value would have no
                        meaning if the shutdown cause was from a power
                        failure, but it does have meaning if the
                        shutdown was due to a scheduled reboot."
    ::= { mitelIpera3000Alarms 5 }
```

```
mitelIpera3000TrapAlmShutdownDetailedCause  OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "The detailed reason for the last shutdown:


                    This value is only useful for the shutdown
                    trap.  This scalar is not persistent.  A
                    GET on this scalar will always return:
                    shutdownCauseNotReported.


resourcesLowShutdown (1), -- System reboot to reclaim resources.
softwareComponentFailureShutdown (2), --  System reboot due to a
                                     serious software fault.
softwareUpgradedShutdown (3), -- System reboot because software was
                              upgraded.
databaseRestoreShutdown (4), -- System reboot because a database was
                        restored.
intermediateShutdown (5), -- System reboot during startup because of
                          a configuration change.
l2SwitchFailureShutdown (6), -- Layer 2 switch shutdown system to
                             restore internal communications.
remoteAlarmButtonShutdown (7), -- System reboot because user pressed
                               remote alarm button.
softRestart (8), -- System reboot because call control issues a soft
                 restart.
callControlProgrammedReboot (9), -- by programmed reboot in CC --
                                 like a scheduled reboot.
callControlHardwareTrap (10), -- by hardware trap in CC
callControlSoftwareTrap (11), -- by software trap in CC
callControlLOADCommand (12), -- by LOAD command in CC
callControlDiskFailure (13), -- because of disk failure
callControlHardwareReset (14), -- by hardware reset in CC
callControlMemoryFragmentation (15), -- because of memory
                                     fragmentation in CC
callControlVxWorksTaskDoesNotExist (16), -- because VxWorks task does
                                         not exist
callControlVxWorksTaskSuspended (17), -- because VxWorks task is
                                      suspended
callControlVxWorksTaskNotResponding (18), -- because VxWorks task is
                                          not responding
callControlVxWorksRestart (19), -- because of unknown VxWorks restart
callControlUnkownProcess (20), -- by unknown process
shutdownCauseNotReported (21) -- Shutdown cause not reported."
```

```
    ::= { mitelIpera3000Alarms 6 }


mitelIpera3000AlmResetCause OBJECT-TYPE
    SYNTAX          MitelIpera3000ResetCause
    ACCESS        read-only
    STATUS          mandatory
    DESCRIPTION       "Defines the last known reset cause.
                      As best can be determined by the platform."
    ::= { mitelIpera3000Alarms 7 }


mitelIpera3000AlmResetCauseBITS  OBJECT-TYPE
    SYNTAX         INTEGER
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION    "The reset bits for this system.


                       hardReset(0),
                       softReset(1),
                       busMonitorReset(2),
                       cpuSwWatchdogReset(3),
                       checkStopReset(4),
                       JTAGReset(5),
                       CPLDWatchdogReset(6),
                       powerOnReset(7),
                       softwareReset(8),
                       pushButtonReset(9)


                    If the bit is set, then that reason is responsible
                    for the system reset.  Note: combinations of bits
                    set is possible. Most significant bit set is
                    typically the reason for the reset.
                    Typical Combinations are:
                    0x0003 - external hard reset
                    0x0010 - check stop reset
                    0x0043 - CPLD watch dog reset
                    0x0100 - software initiated reset no external hard
                            reset asserted
                    0x0103 - software initiated reset
                    0x0200 - push button reset no external hard hard
                            reset asserted
                    0x0203 - push button reset"
    ::= { mitelIpera3000Alarms 8 }
```

```
    --
    ***********************************************************************
    -- The mitelIpera3000Resilience subtree... table of resiliency states
    --
    -- The following table and corresponding notifications apply to the
    -- "Resiliency" application.  This application is summerized as
follows:
    --
    -- Resiliency allows IP Phones to re-home to a secondary controller if
    -- a 3300 ICP fails or is taken out if service.  This ensures that
       there is no disruption in service for connected calls.  Calls that
       are in progress when an outage occures remain in progress and are
       not lost.
    --
    -- The mitelIpera3000ResTable will contain an entry for every primary
    -- 3300 ICP that had a IP Phone re-home to this 3300 ICP at time of
       the first instance.  This would correspond to a
       mitelIpera3000NotifResiltFirstSetFailover notification being
       generated by this agent.  The corresponding entry in the table will
       have mitelIpera3000ResTblStatus set to firstSetFailover(1).

    -- When a 3300 ICP has passed the system health check, the
       corresponding entry in the table will have
       mitelIpera3000ResTblStatus set to healthCheckComplete(2).
    -- Once the last phone of the primary controler has transfered
    -- back to the primary, the corresponding entry in the table with have
       its mitelIpera3000ResTblStatus set to handOffComplete(3).  This
       occurance would correspond to a
       mitelIpera3000NotifResiltRediversion notification generated by this
       agent.
    --
    -- Entries in this table are not persistent over a reboot.
    --
    --
    ***********************************************************************


    mitelIpera3000ResTable  OBJECT-TYPE
        SYNTAX              SEQUENCE OF MitelIpera3000ResTableEntry
        ACCESS          not-accessible
        STATUS          mandatory
        DESCRIPTION         "Table defining the resiliency state for the
                             primary ICP that has gone into resilient mode."
        ::= { mitelIpera3000Resilience 1 }

  mitelIpera3000ResTableEntry OBJECT-TYPE
```

```
    SYNTAX              MitelIpera3000ResTableEntry
    ACCESS         not-accessible
    STATUS         mandatory
    DESCRIPTION         "A row defining a single resiliency table
                         entry."
    INDEX               { mitelIpera3000ResTblPriSysName }
    ::= { mitelIpera3000ResTable 1 }


MitelIpera3000ResTableEntry ::=
    SEQUENCE {
      mitelIpera3000ResTblPriSysName       DisplayString,
      mitelIpera3000ResTblPriCEID          DisplayString,
      mitelIpera3000ResTblClusterName      DisplayString,
      mitelIpera3000ResTblDetectDate       DateAndTime,
      mitelIpera3000ResTblStatus           INTEGER
    }


mitelIpera3000ResTblPriSysName  OBJECT-TYPE
    SYNTAX              DisplayString (SIZE (0..255))
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION         "The System Name of the primary ICP.  Empty
                         strigs are no allowed.  The index column for
                         the Resilience Table."
    ::= { mitelIpera3000ResTableEntry 1 }


mitelIpera3000ResTblPriCEID  OBJECT-TYPE
    SYNTAX              DisplayString (SIZE (0..255))
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION         "The Cluster Element ID of the primary ICP."
    ::= { mitelIpera3000ResTableEntry 2 }


mitelIpera3000ResTblClusterName  OBJECT-TYPE
    SYNTAX              DisplayString (SIZE (0..255))
    ACCESS         read-only
    STATUS         mandatory
    DESCRIPTION         "The Cluster Name of group that the primary and
                         secondary are a member of."
    ::= { mitelIpera3000ResTableEntry 3 }


mitelIpera3000ResTblDetectDate  OBJECT-TYPE
    SYNTAX              DateAndTime
```

```
        ACCESS        read-only
        STATUS          mandatory
        DESCRIPTION       "Defines when the alarm was detected."
        ::= { mitelIpera3000ResTableEntry 4 }


   mitelIpera3000ResTblStatus    OBJECT-TYPE
        SYNTAX        INTEGER {
                  firstSetFailover(1),
                  healthCheckComplete(2),
                  handOffComplete(3)
                  }
        ACCESS        read-only
        STATUS        mandatory
        DESCRIPTION "Status of the entry."
        ::= { mitelIpera3000ResTableEntry 5 }


   -- ***********************************
   -- The Ipera 3000 Alarm Notifications
   -- ***********************************


   mitelIpera3000Notifications  OBJECT IDENTIFIER ::=
{mitelAppCsIpera3000 3}
--        STATUS          mandatory
--        DESCRIPTION       "The common traps supported by MITEL agents."
--        ::= { mitelAppCsIpera3000 3 }


   mitelIpera3000NotifAlarm    TRAP-TYPE
   ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
--        mitelIpera3000SysName,          the name of the system sysName,
        mitelIpera3000AlmLevel,          the call server alarm level
        mitelIpera3000AlmDetectDate,     the alarm detection time
        mitelIpera3000AlmNbrCategories   indicates the number of assoc'd
                                          categories}
--        STATUS          mandatory
        DESCRIPTION       "This notification is generated whenever
                          an alarm condition is detected or cleared. The
                          manager is expected to retrieve the
                          corresponding alarm and category table
                          information."
        ::= 301  -- "201" being used by sx-2000


   mitelIpera3000ShutdownAlarm    TRAP-TYPE
```

```
    ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
          sysName,
          mitelIpera3000TrapAlmShutdownCause,
          mitelIpera3000TrapAlmShutdownDetailedCause
        }
--        STATUS          mandatory
        DESCRIPTION        "This notification is generated whenever
                            the system can detect a shutdown of the system."
        ::= 302


    mitelIpera3000RestartCompleteAlarm      TRAP-TYPE
    ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
          sysName,
          mitelIpera3000AlmResetCause,
          mitelIpera3000AlmResetCauseBITS
        }
--        STATUS          mandatory
        DESCRIPTION        "This notification is generated whenever
                            the system has completed booting and is now
                            opperational.  The Reset Cause can give a
                            post mortum reason for the startup."
        ::= 303


    -- ************************************
    -- The Ipera 3000 Resiliency Notifications
    -- ************************************


    mitelIpera3000NotifResiltFirstSetFailover      TRAP-TYPE
    ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
--          mitelIpera3000SysName,              the name of the system
          sysName,
          mitelIpera3000ResTblPriCEID,
          mitelIpera3000ResTblPriSysName,
          mitelIpera3000ResTblClusterName,
          mitelIpera3000ResTblDetectDate
        }
--        STATUS          mandatory
        DESCRIPTION        "This notification is generated when the
                            first set fails-over from a primary to
```

```
                              secondary node."
          ::= 501 -- "401" being used by ERN traps


    mitelIpera3000NotifResiltHealthCheckComplete      TRAP-TYPE
    ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
--         mitelIpera3000SysName,                the name of the system
          sysName,
          mitelIpera3000ResTblPriCEID,
          mitelIpera3000ResTblPriSysName,
          mitelIpera3000ResTblClusterName,
          mitelIpera3000ResTblDetectDate
        }
--      STATUS          mandatory
        DESCRIPTION    "This notification is generated
                        when the primary ICP has now
                        recovered.  This means that the
                        primary ICP has passed a system
                        health check as determined by the
                        resiliency application on this
                        node."
        ::= 502



    mitelIpera3000NotifResiltHandoffComplete      TRAP-TYPE
    ENTERPRISE mitelIdCsIpera3000
        VARIABLES {
--         mitelIpera3000SysName,                the name of the system
          sysName,
          mitelIpera3000ResTblPriCEID,
          mitelIpera3000ResTblPriSysName,
          mitelIpera3000ResTblClusterName,
          mitelIpera3000ResTblDetectDate
        }
--      STATUS          mandatory
        DESCRIPTION     "This notification is generated
                        when all phones, from a particular
                        primary ICP, that had failed
                        over to this node have completed
                        handoff back to the primary ICP."
        ::= 503
```

```
    -- ************************************
    -- The mitelConformance subtree.
    -- ************************************


    mitelComplIpera3000 OBJECT IDENTIFIER ::= {mitelConfCompliances 4}
-- MODULE-COMPLIANCE
--         STATUS            mandatory
--         DESCRIPTION        "The compliance statement for SNMPv2 entities
                               which implement the MITEL Ipera 3000 MIB."
--         MODULE
--             compliance to the MITEL Ipera 3000 MIB module
--         MANDATORY-GROUPS { mitelGrpIpera3000System }
--         ::= { mitelConfCompliances 4 }


    mitelGrpIpera3000System  OBJECT IDENTIFIER ::= {mitelGrpIpera3000 1}
--OBJECT-GROUP
--         OBJECTS              {
--                               mitelIpera3000SysName
--                               }
--         STATUS            mandatory
--         DESCRIPTION        "The system information objects in the Ipera
                               3000 MIB."
--         ::= { mitelGrpIpera3000 1 }


    mitelGrpIpera3000Alarms  OBJECT IDENTIFIER ::= {mitelGrpIpera3000 2}
--OBJECT-GROUP
--         OBJECTS              {
--                               mitelIpera3000AlmLevel,
--                               mitelIpera3000AlmDetectDate,
--                               mitelIpera3000AlmNbrCategories,
--                               mitelIpera3000CatTblAvailable,
--                               mitelIpera3000CatTblUnavailable,
--                               mitelIpera3000CatTblLevel,
--                               mitelIpera3000CatTblMinorThresh,
--                               mitelIpera3000CatTblMajorThresh,
--                               mitelIpera3000CatTblCriticalThresh,
--                               mitelIpera3000CatTblName
--                               }
--         STATUS            mandatory
--         DESCRIPTION        "The alarms-related objects in the Ipera 3000
                               MIB."
--         ::= { mitelGrpIpera3000 2 }
```

```
--   mitelGrpIpera3000AlarmsNotifs NOTIFICATION-GROUP
--       OBJECTS            {
--                              mitelIpera3000NotifAlarm
--                          }
--       STATUS            mandatory
--       DESCRIPTION       "The current notifications in the Ipera 3000
                            MIB."
--       ::= { mitelGrpIpera3000 3 }


    -- ***********************************
    -- The mitelConfAgents subtree.
    -- ***********************************


    mitelAgentIpera3000    OBJECT IDENTIFIER ::= {mitelConfAgents 3}  --
"2"being used by sx2000
--AGENT-CAPABILITIES
--       PRODUCT-RELEASE   "MITEL Agent Release 1.0 for Ipera 3000"
--       STATUS            mandatory
--       DESCRIPTION       "MITEL Ipera 3000 Agent."
--
--       SUPPORTS          SNMPv2-MIB
--           INCLUDES      {
--                              snmpStatsGroup, snmpORGroup,
--                              snmpTrapGroup, snmpSetGroup,
--                              snmpV1Group
--                          systemGroup, snmpGroup, snmpSetGroup,
--                          snmpBasicNotificationsGroup
--                          }
--
--       SUPPORTS          MITEL-MIB
--           INCLUDES      {
--                              mitelGrpCmnNotifBasic
--                          }
--         VARIATION    mitelNotifEnblTblEnable
--             ACCESS    read-only
--             DESCRIPTION "Implemented as a configuration file item."
--         VARIATION    mitelNotifEnblTblAck
--             ACCESS    read-only
--             DESCRIPTION "Acknowledgement of notifications is not
--                          supported. Will always return False."
--
--       SUPPORTS          MITEL-SX2000-MIB
--           INCLUDES      {
```

```
--                                   mitelGrpIpera3000Alarms,
--                                  mitelGrpIpera3000AlarmsNotifs
--                              }
--     ::= { mitelConfAgents 2 }


END -- MITEL-IPERA3000-MIB
```

# APPENDIX E: Mitel-BCM-MIB Description

A copy of this file is located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor. The file is compiled into the relevant NMS managing the 3300 ICP managed devices.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

## Mitel-BCM-MIB

```
-- Copyright 2005, 2006 MITEL Networks Corporation
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-- This MITEL SNMP Management Information Base Specification
-- (Specification) embodies MITEL's confidential and
-- proprietary intellectual property. MITEL retains all
-- title and ownership in the Specification, including any
-- revisions.


-- This Specification is supplied "AS IS", and MITEL makes
-- no warranty, either express or implied, as to the use,
-- operation, condition, or performance of the Specification.


MITEL-BCM-MIB DEFINITIONS ::= BEGIN

    IMPORTS
        MODULE-IDENTITY, OBJECT-TYPE,
        Counter32, Integer32
            FROM SNMPv2-SMI
        MODULE-COMPLIANCE, OBJECT-GROUP
            FROM SNMPv2-CONF
        PhysAddress, DisplayString
            FROM SNMPv2-TC
        InterfaceIndex
            FROM IF-MIB
        mitelPropTransmission
            FROM MITEL-MIB;


    mitelBCM    MODULE-IDENTITY
        LAST-UPDATED      "200601100000Z"
        ORGANIZATION      "MITEL Networks Corporation"
        CONTACT-INFO      "Standards Group,
                           Postal:   MITEL Networks Corporation
                           350 Legget Drive, PO Box 13089
                           Kanata, Ontario
```

```
                             Canada  K2K 2W7
                             Tel: +1 613 592 2122
                             Fax: +1 613 592 4784
                             E-mail: std@mitel.com"
     DESCRIPTION            "The MITEL Broadcom Switch MIB module.
                             This MIB module is defined to specifically
                             provide additional statistical information
                             for the Broadcom Switch subsystem."
     REVISION              "200601100000Z"
     DESCRIPTION            "Applied stronger lint and made corrections.
                             Also updated copyright."
     REVISION              "200510040100Z"
     DESCRIPTION            "Integrated in change requests and added
                             mitelBCMChipCount."
     REVISION              "200510030100Z"
     DESCRIPTION            "Added Compliance and Conformance statements."
     REVISION              "200509300100Z"
     DESCRIPTION            "Created."
 ::= { mitelPropTransmission 1 }


 mitelBCMObjects      OBJECT IDENTIFIER ::= { mitelBCM 1 }
 mitelBCMConformance  OBJECT IDENTIFIER ::= { mitelBCM 2 }


 -- *************************************************************
 -- The Mitel BCM Port Group
 -- *************************************************************


 mitelBCMPortTable  OBJECT-TYPE
     SYNTAX           SEQUENCE OF MitelBCMPortTableEntry
     MAX-ACCESS       not-accessible
     STATUS           current
     DESCRIPTION     "Table defining statistical information about each
                      port of a Broadcom Switch sub-system."
     ::= { mitelBCMObjects 1 }


 mitelBCMPortTableEntry OBJECT-TYPE
     SYNTAX            MitelBCMPortTableEntry
     MAX-ACCESS        not-accessible
     STATUS            current
     DESCRIPTION       "A row defining a single BCM Port table entry."
     INDEX             { mitelBCMPortIndex }
     ::= { mitelBCMPortTable 1 }
```

```
MitelBCMPortTableEntry ::=
    SEQUENCE {
      mitelBCMPortIndex      InterfaceIndex,
      mitelBCMPortRxSAChanges Counter32,
      mitelBCMPortRxLastSA    PhysAddress
    }

mitelBCMPortIndex   OBJECT-TYPE
    SYNTAX          InterfaceIndex
    MAX-ACCESS      read-only -- smilint warning should be not-
accessible
    STATUS          current
    DESCRIPTION     "The interface identifier for this switch port.
                     Usually corresponds to ifIndex in the ifTable."
    ::= { mitelBCMPortTableEntry 1 }

mitelBCMPortRxSAChanges  OBJECT-TYPE
    SYNTAX             Counter32
    MAX-ACCESS         read-only
    STATUS             current
    DESCRIPTION        "The number of times the source address (SA)
                        of good received packets has changed.  A
                        count greater than one generally indicates
                        the port is connected to a repeater based
                        network."
    ::= { mitelBCMPortTableEntry 2 }

mitelBCMPortRxLastSA  OBJECT-TYPE
    SYNTAX            PhysAddress
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "The last received source address on this port."
    ::= { mitelBCMPortTableEntry 3 }

-- ************************************************************
-- The Mitel BCM Chip Group
-- ************************************************************

mitelBCMChipCount   OBJECT-TYPE
    SYNTAX          Integer32
    MAX-ACCESS      read-only
```

```
        STATUS          current
        DESCRIPTION     "The number of BCM ethernet chips in the system."
        ::= { mitelBCMObjects 2 }


    mitelBCMChipTable  OBJECT-TYPE
        SYNTAX          SEQUENCE OF MitelBCMChipTableEntry
        MAX-ACCESS      not-accessible
        STATUS          current
        DESCRIPTION     "Table defining characteristic information about
                         each Broadcom Switch chip in the system."
        ::= { mitelBCMObjects 3 }


    mitelBCMChipTableEntry OBJECT-TYPE
        SYNTAX          MitelBCMChipTableEntry
        MAX-ACCESS      not-accessible
        STATUS          current
        DESCRIPTION     "A row defining a single Broadcom (BCM) Chip
                         table entry."
        INDEX           { mitelBCMChipIndex }
        ::= { mitelBCMChipTable 1 }


    MitelBCMChipTableEntry ::=
        SEQUENCE {
          mitelBCMChipIndex      Integer32,
          mitelBCMChipBIST       BITS,
          mitelBCMChipRev        DisplayString,
          mitelBCMChipType       INTEGER
        }
    mitelBCMChipIndex  OBJECT-TYPE
        SYNTAX          Integer32 (1..65535)
        MAX-ACCESS      read-only -- smilint warning should be not-
                        accessible
        STATUS          current
        DESCRIPTION     "The identifier for this switch chip."
        ::= { mitelBCMChipTableEntry 1 }


    mitelBCMChipBIST  OBJECT-TYPE
        SYNTAX          BITS {
                         bcRam(0),
                         ipDbm(1),
                         mRam(2),
                         gmRam(3)
```

```
                 }
     MAX-ACCESS      read-only
     STATUS          current
     DESCRIPTION     "The status of the BCM ethernet chip
                      built-in-self-test (BIST).


                      BCRAM(0) bit 2^0 - Buffer control RAM (only in
                      BCM5380M)
                      IPDBM(1) bit 2^1 - Internal packet data buffer
                      memory
                      MRAM(2)  bit 2^2 - MIB RAM (only in BCM5380M)
                      GMRAM(3) bit 2^3 - Gigabit MIB RAM (only in
                      BCM5380M)


                      If the bit is set, then that sub-system has
                      failed."
     ::= { mitelBCMChipTableEntry 2 }


mitelBCMChipRev  OBJECT-TYPE
     SYNTAX          DisplayString
     MAX-ACCESS      read-only
     STATUS          current
     DESCRIPTION     "The BCM ethernet chip revision ID."
     ::= { mitelBCMChipTableEntry 3 }


mitelBCMChipType  OBJECT-TYPE
     SYNTAX          INTEGER {
                          bcm5380m(1),
                          bcm5325e(2),
                          bcmOther(3)
                     }
     MAX-ACCESS      read-only
     STATUS          current
     DESCRIPTION     "The BCM ethernet chip type."
     ::= { mitelBCMChipTableEntry 4 }


--
--
-- Conformance information
--
--


mitelBCMCompliances  OBJECT IDENTIFIER ::= { mitelBCMConformance 1 }
```

```
mitelBCMGroups          OBJECT IDENTIFIER ::= { mitelBCMConformance 2 }


--
--
-- Compliance statements
--
--

mitelBCMSwitchCompliance MODULE-COMPLIANCE
    STATUS  current
    DESCRIPTION
            "The compliance statement for mitel nodes that
             include a BCM switch sub-system."

    MODULE  --  this module

    MANDATORY-GROUPS { mitelBCMPortGroup,
                       mitelBCMChipGroup }

::= { mitelBCMCompliances 1 }

mitelBCMPortGroup   OBJECT-GROUP
    OBJECTS {
        mitelBCMPortIndex,
        mitelBCMPortRxSAChanges,
        mitelBCMPortRxLastSA
    }
    STATUS  current
    DESCRIPTION
        "A collection of objects that provide statistical
         infrormation about BCM switch ports."
 ::= { mitelBCMGroups 1 }

mitelBCMChipGroup   OBJECT-GROUP
    OBJECTS {
        mitelBCMChipCount,
        mitelBCMChipIndex,
        mitelBCMChipBIST,
        mitelBCMChipRev,
        mitelBCMChipType
    }
    STATUS  current
```

```
        DESCRIPTION
            "A collection of objects that provide
            infrormation about BCM switch Chips."
    ::= { mitelBCMGroups 2 }


-- MITEL-BCM-MIB


END
```

# APPENDIX F: Mitel-BWM-MIB Description

A copy of this file is located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor.  The file is compiled into the relevant NMS managing the 3300 ICP managed devices.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

## Mitel-BWM-MIB

```
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MITEL-BWM-MIB DEFINITIONS ::= BEGIN


    IMPORTS

        MODULE-IDENTITY,

        OBJECT-IDENTITY,

        OBJECT-TYPE,

        Integer32, Gauge32, Counter32        FROM SNMPv2-SMI

        TEXTUAL-CONVENTION, DateAndTime,

        DisplayString                        FROM SNMPv2-TC

        MODULE-COMPLIANCE,

        OBJECT-GROUP                         FROM SNMPv2-CONF

        mitelIpera3000Applications           FROM MITEL-IperaVoiceLAN-MIB;


    mitelBandWidthManagement        MODULE-IDENTITY

        LAST-UPDATED      "200703261541Z"

        ORGANIZATION      "MITEL Networks Corporation"

        CONTACT-INFO      "Standards Group,

                           Postal:    MITEL Networks Corporation

                           350 Legget Drive, PO Box 13089

                           Kanata, Ontario

                           Canada  K2K 2W7

                           Tel: +1 613 592 2122
```

```
                          Fax: +1 613 592 4784
                          E-mail: std@mitel.com"
      DESCRIPTION         "MIB for the Mitel Ipera 3000 Bandwidth
                           Management
                           Application."
      REVISION            "200703261541Z"
      DESCRIPTION         "Added Units to the object descriptions."
      REVISION            "200608281626Z"
      DESCRIPTION         "Initial Version."
    ::= { mitelIpera3000Applications 1 }


    -- ************************************************************
    -- MITEL Ipera 3000 BWM Contents
    -- ************************************************************


    -- Notifications
    -- mitelBWMNotifications OBJECT IDENTIFIER ::= {
mitelBandWidthManagement XXX }
    -- Note: Notifications will be handled by the Mitel common alarm
            framework
            (private.enterprises.mitel.mitelProprietary.mitelPropCommon.
            mitelCmnAlarms), and therefore no notifications branch is
            required.


    -- Tables, Scalars
    mitelBWMObjects       OBJECT IDENTIFIER ::= { mitelBandWidthManagement
1 }


    -- Conformance
    mitelBWMConformance   OBJECT IDENTIFIER ::= { mitelBandWidthManagement
2 }


    -- ************************************************************
    -- MITEL Ipera 3000 BWM-specific Textual Conventions
    -- ************************************************************


    MitelBWMPercentage ::=      TEXTUAL-CONVENTION
        DISPLAY-HINT      "d"
        STATUS            current
        DESCRIPTION       "Percentage value (from 0 to 100)."
        SYNTAX            Integer32 (0..100)


    MitelBWMZoneID ::=          TEXTUAL-CONVENTION
        DISPLAY-HINT      "d"
```

```
    STATUS              current

    DESCRIPTION         "Zone Identifier."

    SYNTAX              Integer32 (1..250)


MitelBWMZAPID ::=               TEXTUAL-CONVENTION

    DISPLAY-HINT        "d"

    STATUS              current

    DESCRIPTION         "Zone Access Point Identifier."

    SYNTAX              Integer32 (1..6)


-- ***********************************************************
-- MITEL Ipera 3000 BWM Current Bandwidth Table
-- ***********************************************************


-- This table contains statistics about the state of bandwidth
   management for zone access points managed currently by this ICP.


-- This table will be empty unless bandwidth reporting & statistics is
   enabled, and at least one zone access point is defined as managed
   by this ICP.


mitelBWMCurrentTable                OBJECT-TYPE

    SYNTAX              SEQUENCE OF MitelBWMCurrentTableEntry

    MAX-ACCESS          not-accessible

    STATUS              current

    DESCRIPTION         "This table contains current statistics related
                         to bandwidth management for zone access points
                         managed by this ICP."

    ::= { mitelBWMObjects 1 }


mitelBWMCurrentTableEntry           OBJECT-TYPE

    SYNTAX              MitelBWMCurrentTableEntry

    MAX-ACCESS          not-accessible

    STATUS              current

    DESCRIPTION         "A row defining a single current bandwidth table
                         entry."

    INDEX               { mitelBWMCurrentZoneID,

                          mitelBWMCurrentParentZoneID,

                          mitelBWMCurrentZAPID }

    ::= { mitelBWMCurrentTable 1 }


MitelBWMCurrentTableEntry::=

    SEQUENCE {

      mitelBWMCurrentZoneID           MitelBWMZoneID,
```

```
      mitelBWMCurrentParentZoneID      MitelBWMZoneID,

      mitelBWMCurrentZAPID             MitelBWMZAPID,

      mitelBWMCurrentZAPLabel          DisplayString,

      mitelBWMCurrentBandwidthInUse    Gauge32,

      mitelBWMCurrentBandwidthLimit    Gauge32,

      mitelBWMCurrentBandwidthRatio    MitelBWMPercentage

   }


mitelBWMCurrentZoneID              OBJECT-TYPE

   SYNTAX            MitelBWMZoneID

   MAX-ACCESS        read-only

   STATUS            current

   DESCRIPTION       "Zone access points are defined between a zone
                      and its parent, i.e.  [a]<--b-->[c].  This is
                      the ID of the zone (a)."

   ::= { mitelBWMCurrentTableEntry 1 }


mitelBWMCurrentParentZoneID        OBJECT-TYPE

   SYNTAX            MitelBWMZoneID

   MAX-ACCESS        read-only

   STATUS            current

   DESCRIPTION       "A zone access point is defined between a zone
                      and its parent, i.e. [a]<--b-->[c] This is the
                      ID of the parent zone (c)."

   ::= { mitelBWMCurrentTableEntry 2 }


mitelBWMCurrentZAPID               OBJECT-TYPE

   SYNTAX            MitelBWMZAPID

   MAX-ACCESS        read-only

   STATUS            current

   DESCRIPTION       "A zone access point is defined between a zone
                      and its parent, i.e. [a]<--b-->[c] This is the
                      ID of the zone access point (b)."

   ::= { mitelBWMCurrentTableEntry 3 }


mitelBWMCurrentZAPLabel            OBJECT-TYPE

   SYNTAX            DisplayString

   MAX-ACCESS        read-only

   STATUS            current

   DESCRIPTION       "This the zone access point label, as supplied
                      by the user."

   ::= { mitelBWMCurrentTableEntry 4 }


mitelBWMCurrentBandwidthInUse      OBJECT-TYPE
```

**283**

```
        SYNTAX          Gauge32
        UNITS           "kilobits per second"
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the bandwidth currently in use at the
                         zone access point by managed voice over IP
                         media streams.
                         Units in kilobits per second."
        ::= { mitelBWMCurrentTableEntry 5 }


mitelBWMCurrentBandwidthLimit       OBJECT-TYPE
        SYNTAX          Gauge32
        UNITS           "kilobits per second"
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the bandwidth limit currently
                         configured at the zone access point for managed
                         voice over IP media streams.
                         Units in kilobits per second."
        ::= { mitelBWMCurrentTableEntry 6 }


mitelBWMCurrentBandwidthRatio       OBJECT-TYPE
        SYNTAX          MitelBWMPercentage
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the ratio of
                         mitelBWMCurrentBandwidthInUse to
                         mitelBWMCurrentBandwidthLimit expressed as a
                         percentage."
        ::= { mitelBWMCurrentTableEntry 7 }


-- ************************************************************
-- MITEL Ipera 3000 BWM Cumulative CAC Stats Table
-- ************************************************************


-- This table contains cumulative statistics about the number of calls
   which have been admitted or rejected by connection admission
   control based on bandwidth availability at zone access points
   managed currently by this ICP.


-- This table will be empty unless connection admission control is
   enabled, and at least one zone access point is defined as managed
   by this ICP.


mitelBWMCumCACTable                 OBJECT-TYPE
```

```
    SYNTAX              SEQUENCE OF MitelBWMCumCACTableEntry
    MAX-ACCESS          not-accessible
    STATUS              current
    DESCRIPTION         "This table contains cumulative statistics
                         related to bandwidth management connection
                         admission control for zone access points
                         managed by this ICP."
    ::= { mitelBWMObjects 2 }


mitelBWMCumCACTableEntry    OBJECT-TYPE
    SYNTAX              MitelBWMCumCACTableEntry
    MAX-ACCESS          not-accessible
    STATUS              current
    DESCRIPTION         "A row defining a single cumulative connection
                         admission control statistics table entry."
    INDEX               { mitelBWMCumZoneID,
                          mitelBWMCumParentZoneID,
                          mitelBWMCumZAPID }
    ::= { mitelBWMCumCACTable 1 }


MitelBWMCumCACTableEntry ::=
    SEQUENCE {
      mitelBWMCumZoneID             MitelBWMZoneID,
      mitelBWMCumParentZoneID       MitelBWMZoneID,
      mitelBWMCumZAPID              MitelBWMZAPID,
      mitelBWMCumZAPLabel           DisplayString,
      mitelBWMCumCACAdmissions      Counter32,
      mitelBWMCumCACRejections      Counter32,
      mitelBWMCumCACRejectionRatio  MitelBWMPercentage
    }


mitelBWMCumZoneID                   OBJECT-TYPE
    SYNTAX              MitelBWMZoneID
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "Zone access points are defined between a zone
                         and its parent, i.e.  [a]<--b-->[c].  This is
                         the ID of the zone (a)."
    ::= { mitelBWMCumCACTableEntry 1 }


mitelBWMCumParentZoneID             OBJECT-TYPE
    SYNTAX              MitelBWMZoneID
    MAX-ACCESS          read-only
    STATUS              current
```

```
        DESCRIPTION         "A zone access point is defined between a zone
                             and its parent, i.e. [a]<--b-->[c] This is the
                             ID of the parent zone (c)."
        ::= { mitelBWMCumCACTableEntry 2 }


mitelBWMCumZAPID                        OBJECT-TYPE
        SYNTAX              MitelBWMZAPID
        MAX-ACCESS          read-only
        STATUS              current
        DESCRIPTION         "A zone access point is defined between a zone
                             and its parent, i.e. [a]<--b-->[c] This is the
                             ID of the zone access point (b)."
        ::= { mitelBWMCumCACTableEntry 3 }


mitelBWMCumZAPLabel                     OBJECT-TYPE
        SYNTAX              DisplayString
        MAX-ACCESS          read-only
        STATUS              current
        DESCRIPTION         "This the zone access point label, as supplied
                             by the user."
        ::= { mitelBWMCumCACTableEntry 4 }


mitelBWMCumCACAdmissions                OBJECT-TYPE
        SYNTAX              Counter32
        UNITS               "calls"
        MAX-ACCESS          read-only
        STATUS              current
        DESCRIPTION         "This is the number of calls admitted through
                             this zone access point by this ICP since the
                             system was started or the zone access point was
                             created, or since the cumulative statistics
                             were cleared."
        ::= { mitelBWMCumCACTableEntry 5 }


mitelBWMCumCACRejections                OBJECT-TYPE
        SYNTAX              Counter32
        UNITS               "calls"
        MAX-ACCESS          read-only
        STATUS              current
        DESCRIPTION         "This is the number of calls rejected due to
                             bandwidth being fully utilized at this zone
                             access point by this ICP since the system was
                             started or the zone access point was created,
                             or since the cumulative statistics were
                             cleared."
        ::= { mitelBWMCumCACTableEntry 6 }
```

```
mitelBWMCumCACRejectionRatio        OBJECT-TYPE
    SYNTAX            MitelBWMPercentage
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the ratio of mitelBWMCACRejections
                       to the sum of mitelBWMCACRejections and
                       mitelBWMCACAdmissions (i.e. rejections to all
                       calls) expressed as a percentage."
    ::= { mitelBWMCumCACTableEntry 7 }


-- ***************************************************************
-- MITEL Ipera 3000 BWM 15 Minute Historical Statistics Table
-- ***************************************************************


-- This table contains historical bandwidth management statistics for
   zone access points managed currently by this ICP recorded at 15
   minute intervals.


-- This table will be empty unless connection admission control or
   bandwidth reporting & statistics are enabled, and at least one
   zone access point is defined as managed by this ICP.


mitelBWM15MinHistoryTable   OBJECT-TYPE
    SYNTAX            SEQUENCE OF MitelBWM15MinHistoryTableEntry
    MAX-ACCESS        not-accessible
    STATUS            current
    DESCRIPTION       "This table contains historical statistics
                       recorded at 15 minute intervals related to
                       bandwidth management for zone access points
                       managed by this ICP."
    ::= { mitelBWMObjects 3 }


mitelBWM15MinHistoryTableEntry       OBJECT-TYPE
    SYNTAX            MitelBWM15MinHistoryTableEntry
    MAX-ACCESS        not-accessible
    STATUS            current
    DESCRIPTION       "A row defining a single 15 minute interval for
                       a specific zone access point in the 15 minute
                       historical table."
    INDEX             { mitelBWM15MinZoneID,
                        mitelBWM15MinParentZoneID,
                        mitelBWM15MinZAPID,
                        mitelBWM15MinDateAndTime }
```

```
    ::= { mitelBWM15MinHistoryTable 1 }


MitelBWM15MinHistoryTableEntry ::=
    SEQUENCE {
      mitelBWM15MinZoneID                MitelBWMZoneID,
      mitelBWM15MinParentZoneID          MitelBWMZoneID,
      mitelBWM15MinZAPID                 MitelBWMZAPID,
      mitelBWM15MinDateAndTime           DateAndTime,
      mitelBWM15MinZAPLabel              DisplayString,
      mitelBWM15MinCACAdmissions         Counter32,
      mitelBWM15MinCACRejections         Counter32,
      mitelBWM15MinCACRejectionRatio     MitelBWMPercentage,
      mitelBWM15MinAverageBandwidthUsed  Gauge32,
      mitelBWM15MinPeakBandwidthUsed     Gauge32,
      mitelBWM15MinAverageAvailable      Gauge32,
      mitelBWM15MinFinalBandwidthLimit   Gauge32,
      mitelBWM15MinPeakBandwidthRatio    MitelBWMPercentage,
      mitelBWM15MinPeakBwdthAboveLimit   Gauge32
    }


mitelBWM15MinZoneID   OBJECT-TYPE
    SYNTAX            MitelBWMZoneID
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "Zone access points are defined between a zone
                       and its parent, i.e. [a]<--b-->[c].  This is
                       the ID of the zone (a)."
    ::= { mitelBWM15MinHistoryTableEntry 1 }


mitelBWM15MinParentZoneID   OBJECT-TYPE
    SYNTAX            MitelBWMZoneID
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "A zone access point is defined between a zone
                       and its  parent, i.e. [a]<--b-->[c] This is
                       the ID of the parent  zone (c)."
    ::= { mitelBWM15MinHistoryTableEntry 2 }


mitelBWM15MinZAPID                    OBJECT-TYPE
    SYNTAX            MitelBWMZAPID
    MAX-ACCESS        read-only
    STATUS            current
```

```
    DESCRIPTION         "A zone access point is defined between a zone
                         and its parent, i.e. [a]<--b-->[c] This is the
                         ID of the zone access point (b)."
    ::= { mitelBWM15MinHistoryTableEntry 3 }


mitelBWM15MinDateAndTime          OBJECT-TYPE
    SYNTAX              DateAndTime
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "The system date and time as set when the
                         interval was recorded.  Note that if the system
                         date and time are changed while recording
                         intervals, the interval with the earliest Date
                         and Time value may not necessarily be the
                         oldest entry."
    ::= { mitelBWM15MinHistoryTableEntry 4 }


mitelBWM15MinZAPLabel             OBJECT-TYPE
    SYNTAX              DisplayString
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This the zone access point label, as supplied
                         by the user."
    ::= { mitelBWM15MinHistoryTableEntry 5 }


mitelBWM15MinCACAdmissions        OBJECT-TYPE
    SYNTAX              Counter32
    UNITS               "calls"
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the number of calls admitted through
                         this zone access point by this ICP during the
                         interval."
    ::= { mitelBWM15MinHistoryTableEntry 6 }


mitelBWM15MinCACRejections        OBJECT-TYPE
    SYNTAX              Counter32
    UNITS               "calls"
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the number of calls rejected due to
                         bandwidth being fully utilized at this zone
                         access point by this ICP during the interval."
    ::= { mitelBWM15MinHistoryTableEntry 7 }
```

```
mitelBWM15MinCACRejectionRatio      OBJECT-TYPE
    SYNTAX            MitelBWMPercentage
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the ratio of mitelBWMCACRejections
                      to the sum of mitelBWMCACRejections and
                      mitelBWMCACAdmissions (i.e. rejections to all
                      calls) expressed as a percentage."
    ::= { mitelBWM15MinHistoryTableEntry 8 }


mitelBWM15MinAverageBandwidthUsed   OBJECT-TYPE
    SYNTAX            Gauge32
    UNITS             "kilobits per second"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the average bandwidth in use at the
                       zone access point by managed voice over IP
                       media streams over the interval. Units in
                       kilobits per second."
    ::= { mitelBWM15MinHistoryTableEntry 9 }


mitelBWM15MinPeakBandwidthUsed      OBJECT-TYPE
    SYNTAX            Gauge32
    UNITS             "kilobits per second"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the peak bandwidth limit in use at the
                       zone access point by managed voice over IP
                       media streams during the interval. Units in
                       kilobits per second."
    ::= { mitelBWM15MinHistoryTableEntry 10 }


mitelBWM15MinAverageAvailable       OBJECT-TYPE
    SYNTAX            Gauge32
    UNITS             "kilobits per second"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the average bandwidth available at the
                       zone access point for managed voice over IP
                       media streams during the interval. Units in
                       kilobits per second."
    ::= { mitelBWM15MinHistoryTableEntry 11 }


mitelBWM15MinFinalBandwidthLimit    OBJECT-TYPE
```

```
        SYNTAX          Gauge32
        UNITS           "kilobits per second"
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the configured bandwidth limit for the
                         zone access point for managed voice over IP
                         media streams recorded at the end of the
                         interval. Units in kilobits per second."
        ::= { mitelBWM15MinHistoryTableEntry 12 }


mitelBWM15MinPeakBandwidthRatio    OBJECT-TYPE
        SYNTAX          MitelBWMPercentage
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the ratio of mitelBWMPeakBandwidthUsed
                         to mitelBWMFinalBandwidthLimit expressed as a
                         percentage."
        ::= { mitelBWM15MinHistoryTableEntry 13 }


mitelBWM15MinPeakBwdthAboveLimit    OBJECT-TYPE
        SYNTAX          Gauge32
        UNITS           "kilobits per second"
        MAX-ACCESS      read-only
        STATUS          current
        DESCRIPTION     "This is the difference between
                         mitelBWMPeakBandwidthUsed and
                         mitelBWMFinalBandwidthLimit if it was ever over
                         the limit for the the zone access point for
                         managed voice over IP media streams during the
                         interval.
                         Units in kilobits per second."
        ::= { mitelBWM15MinHistoryTableEntry 14 }


-- ****************************************************************
 -- MITEL Ipera 3000 BWM 24 Hour Historical Statistics Table
 -- ****************************************************************


 -- This table contains historical bandwidth management statistics for
    zone access points managed currently by this ICP recorded at 24
    hour intervals.


 -- This table will be empty unless connection admission control or
    bandwidth reporting & statistics are enabled, and at least one
    zone access point is defined as managed by this ICP.
```

```
mitelBWM24HrHistoryTable    OBJECT-TYPE
    SYNTAX              SEQUENCE OF MitelBWM24HrHistoryTableEntry
    MAX-ACCESS          not-accessible
    STATUS              current
    DESCRIPTION         "This table contains historical statistics
                         recorded at 24 hour intervals related to
                         bandwidth management for zone access points
                         managed by this ICP."
    ::= { mitelBWMObjects 4 }


mitelBWM24HrHistoryTableEntry     OBJECT-TYPE
    SYNTAX              MitelBWM24HrHistoryTableEntry
    MAX-ACCESS          not-accessible
    STATUS              current
    DESCRIPTION         "A row defining a single 24 hour interval for a
                         specific zone access point in the 24 hour
                         historical table."
    INDEX               { mitelBWM24HrZoneID,
                          mitelBWM24HrParentZoneID,
                          mitelBWM24HrZAPID,
                          mitelBWM24HrDateAndTime }
    ::= { mitelBWM24HrHistoryTable 1 }


MitelBWM24HrHistoryTableEntry ::=
    SEQUENCE {
      mitelBWM24HrZoneID                MitelBWMZoneID,
      mitelBWM24HrParentZoneID          MitelBWMZoneID,
      mitelBWM24HrZAPID                 MitelBWMZAPID,
      mitelBWM24HrDateAndTime           DateAndTime,
      mitelBWM24HrZAPLabel              DisplayString,
      mitelBWM24HrCACAdmissions         Counter32,
      mitelBWM24HrCACRejections         Counter32,
      mitelBWM24HrCACRejectionRatio     MitelBWMPercentage,
      mitelBWM24HrAverageBandwidthUsed  Gauge32,
      mitelBWM24HrPeakBandwidthUsed     Gauge32,
      mitelBWM24HrAverageAvailable      Gauge32,
      mitelBWM24HrFinalBandwidthLimit   Gauge32,
      mitelBWM24HrPeakBandwidthRatio    MitelBWMPercentage,
      mitelBWM24HrPeakBwdthAboveLimit   Gauge32
    }


mitelBWM24HrZoneID    OBJECT-TYPE
    SYNTAX              MitelBWMZoneID
```

```
    MAX-ACCESS          read-only

    STATUS              current

    DESCRIPTION         "Zone access points are defined between a zone
                         and its parent, i.e. [a]<--b-->[c].  This is
                         the ID of the zone (a)."

    ::= { mitelBWM24HrHistoryTableEntry 1 }


mitelBWM24HrParentZoneID   OBJECT-TYPE

    SYNTAX              MitelBWMZoneID

    MAX-ACCESS          read-only

    STATUS              current

    DESCRIPTION         "A zone access point is defined between a zone
                         and its parent, i.e. [a]<--b-->[c] This is the
                         ID of the parent zone (c)."

    ::= { mitelBWM24HrHistoryTableEntry 2 }


mitelBWM24HrZAPID                   OBJECT-TYPE

    SYNTAX              MitelBWMZAPID

    MAX-ACCESS          read-only

    STATUS              current

    DESCRIPTION         "A zone access point is defined between a zone
                         and its parent, i.e. [a]<--b-->[c] This is the
                         ID of the zone access point (b)."

    ::= { mitelBWM24HrHistoryTableEntry 3 }


mitelBWM24HrDateAndTime             OBJECT-TYPE

    SYNTAX              DateAndTime

    MAX-ACCESS          read-only

    STATUS              current

    DESCRIPTION         "The system date and time as set when the
                         interval was recorded.  Note that if the system
                         date and time are changed while recording
                         intervals, the interval with the earliest Date
                         and Time value may not necessarily be the
                         oldest entry."

    ::= { mitelBWM24HrHistoryTableEntry 4 }


mitelBWM24HrZAPLabel                OBJECT-TYPE

    SYNTAX              DisplayString

    MAX-ACCESS          read-only

    STATUS              current

    DESCRIPTION         "This the zone access point label, as supplied
                         by the user."

    ::= { mitelBWM24HrHistoryTableEntry 5 }
```

```
mitelBWM24HrCACAdmissions          OBJECT-TYPE
    SYNTAX            Counter32
    UNITS             "calls"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the number of calls admitted through
                       this zone access point by this ICP during the
                       interval."
    ::= { mitelBWM24HrHistoryTableEntry 6 }


mitelBWM24HrCACRejections          OBJECT-TYPE
    SYNTAX            Counter32
    UNITS             "calls"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the number of calls rejected due to
                       bandwidth being fully utilized at this zone
                       access point by this ICP during the interval."
    ::= { mitelBWM24HrHistoryTableEntry 7 }


mitelBWM24HrCACRejectionRatio      OBJECT-TYPE
    SYNTAX            MitelBWMPercentage
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the ratio of mitelBWMCACRejections
                       to the sum of mitelBWMCACRejections and
                       mitelBWMCACAdmissions (i.e. rejections to all
                       calls) expressed as a percentage."
    ::= { mitelBWM24HrHistoryTableEntry 8 }


mitelBWM24HrAverageBandwidthUsed   OBJECT-TYPE
    SYNTAX            Gauge32
    UNITS             "kilobits per second"
    MAX-ACCESS        read-only
    STATUS            current
    DESCRIPTION       "This is the average bandwidth in use at the
                       zone access point by managed voice over IP
                       media streams over the interval.
                       Units in kilobits per second."
    ::= { mitelBWM24HrHistoryTableEntry 9 }


mitelBWM24HrPeakBandwidthUsed      OBJECT-TYPE
    SYNTAX            Gauge32
    UNITS             "kilobits per second"
```

```
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the peak bandwidth limit in use at the
                         zone access point by managed voice over IP
                         media streams during the interval.
                         Units in kilobits per second."
    ::= { mitelBWM24HrHistoryTableEntry 10 }


mitelBWM24HrAverageAvailable      OBJECT-TYPE
    SYNTAX              Gauge32
    UNITS              "kilobits per second"
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the average bandwidth available at the
                         zone access point for managed voice over IP
                         media streams during the interval.
                         Units in kilobits per second."
    ::= { mitelBWM24HrHistoryTableEntry 11 }


mitelBWM24HrFinalBandwidthLimit    OBJECT-TYPE
    SYNTAX              Gauge32
    UNITS              "kilobits per second"
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the configured bandwidth limit for the
                         zone access point for managed voice over IP
                         media streams recorded at the end of the
                         interval.
                         Units in kilobits per second."
    ::= { mitelBWM24HrHistoryTableEntry 12 }


mitelBWM24HrPeakBandwidthRatio      OBJECT-TYPE
    SYNTAX              MitelBWMPercentage
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION         "This is the ratio of mitelBWMPeakBandwidthUsed
                         to mitelBWMFinalBandwidthLimit expressed as a
                         percentage."
    ::= { mitelBWM24HrHistoryTableEntry 13 }


mitelBWM24HrPeakBwdthAboveLimit     OBJECT-TYPE
    SYNTAX              Gauge32
    UNITS              "kilobits per second"
    MAX-ACCESS          read-only
```

```
        STATUS            current
        DESCRIPTION       "This is the difference between
                           mitelBWMPeakBandwidthUsed
                           and mitelBWMFinalBandwidthLimit if it was ever
                           over the limit for the the zone access point
                           for managed voice over IP media streams during
                           the interval.
                           Units in kilobits per second."
        ::= { mitelBWM24HrHistoryTableEntry 14 }


-- ***************************************************************
-- MITEL Ipera 3000 BWM Compliances
-- ***************************************************************


mitelBWMGroups   OBJECT-IDENTITY
    STATUS            current
        DESCRIPTION       "The group subtree. Leaves in this subtree
                           identify object groupings used in the
                           compliance statements."
        ::= { mitelBWMConformance 1 }


mitelBWMCompliances    OBJECT-IDENTITY
        STATUS            current
        DESCRIPTION       "The compliance subtree. Leaves in this subtree
                           are used for defining the ways in which an
                           agent can claim compliance with this or other
                           MITEL MIBs."
        ::= { mitelBWMConformance 2 }


mitelBWMCompliance MODULE-COMPLIANCE
        STATUS            current
        DESCRIPTION       "The compliance statement for SNMPv2 entities
                           which implement the Mitel Bandwidth Management
                           MIB."

        MODULE  -- this module
        MANDATORY-GROUPS  { mitelBWMCurrentStatisticsGroup,
                            mitelBWMCumulativeStatisticsGroup }


        GROUP             mitelBWMHistoricalStatisticsGroup
        DESCRIPTION       "This group is mandatory for agents implementing
                           this MIB."


    ::= { mitelBWMCompliances 1 }


    mitelBWMCurrentStatisticsGroup      OBJECT-GROUP
```

```
    OBJECTS              { mitelBWMCurrentZoneID,
                           mitelBWMCurrentParentZoneID,
                           mitelBWMCurrentZAPID,
                           mitelBWMCurrentZAPLabel,
                           mitelBWMCurrentBandwidthInUse,
                           mitelBWMCurrentBandwidthLimit,
                           mitelBWMCurrentBandwidthRatio }
    STATUS               current
    DESCRIPTION          "A collection of objects providing current
                          statistics pertaining to bandwidth management
                          at zone access points managed by the ICP."


::= { mitelBWMGroups 1 }


mitelBWMCumulativeStatisticsGroup     OBJECT-GROUP
    OBJECTS              { mitelBWMCumZoneID,
                           mitelBWMCumParentZoneID,
                           mitelBWMCumZAPID,
                           mitelBWMCumZAPLabel,
                           mitelBWMCumCACAdmissions,
                           mitelBWMCumCACRejections,
                           mitelBWMCumCACRejectionRatio }
    STATUS               current
    DESCRIPTION          "A collection of objects providing cumulative
                          CAC statistics pertaining to bandwidth
                          management at zone access points managed by the
                          ICP."
::= { mitelBWMGroups 2 }


mitelBWMHistoricalStatisticsGroup  OBJECT-GROUP
    OBJECTS              { mitelBWM15MinZoneID,
                           mitelBWM15MinParentZoneID,
                           mitelBWM15MinZAPID,
                           mitelBWM15MinDateAndTime,
                           mitelBWM15MinZAPLabel,
                           mitelBWM15MinCACAdmissions,
                           mitelBWM15MinCACRejections,
                           mitelBWM15MinCACRejectionRatio,
                           mitelBWM15MinAverageBandwidthUsed,
                           mitelBWM15MinPeakBandwidthUsed,
                           mitelBWM15MinAverageAvailable,
                           mitelBWM15MinFinalBandwidthLimit,
                           mitelBWM15MinPeakBandwidthRatio,
```

```
                            mitelBWM15MinPeakBwdthAboveLimit,

                            mitelBWM24HrZoneID,
                            mitelBWM24HrParentZoneID,
                            mitelBWM24HrZAPID,
                            mitelBWM24HrDateAndTime,
                            mitelBWM24HrZAPLabel,
                            mitelBWM24HrCACAdmissions,
                            mitelBWM24HrCACRejections,
                            mitelBWM24HrCACRejectionRatio,
                            mitelBWM24HrAverageBandwidthUsed,
                            mitelBWM24HrPeakBandwidthUsed,
                            mitelBWM24HrAverageAvailable,
                            mitelBWM24HrFinalBandwidthLimit,
                            mitelBWM24HrPeakBandwidthRatio,
                            mitelBWM24HrPeakBwdthAboveLimit }
     STATUS               current
     DESCRIPTION        "A collection of objects providing historical
                         CAC and bandwidth statistics pertaining to
                         bandwidth management at zone access points
                         managed by the ICP."
   ::= { mitelBWMGroups 3 }

END
```

# APPENDIX G: Mitel-ERN Description

A copy of this file is located on the 3300 ICP software installation CD and can be read with Word Pad or any other text processor. The file is compiled into the relevant NMS managing the 3300 ICP managed devices.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

## Mitel-ERN

```
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-- This MITEL SNMP Management Information Base Specification

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-- This Specification is supplied "AS IS", and MITEL makes

-- no warranty, either express or implied, as to the use,

-- operation, condition, or performance of the Specification.


MITEL-ERN DEFINITIONS ::= BEGIN


    IMPORTS


            OBJECT-TYPE
                    FROM RFC-1212
            DisplayString, sysName
                    FROM RFC1213-MIB
            TRAP-TYPE
                    FROM RFC-1215
            mitelAppCallServer
                    FROM MITEL-MIB;


--          MODULE-IDENTITY
--          LAST-UPDATED       "200408290000Z"
--          ORGANIZATION       "MITEL Networks Corporation"
--          CONTACT-INFO       "Not Applicable. This is strictly an internal
                                MIB."
--          DESCRIPTION        "The MITEL MIB module for ER Notifications to
                                MITEL ER Adviser."
--          REVISION           "200408290000Z"


        -- For SNMPv1 compliance:
```

```
    Integer32 ::= INTEGER (-2147483648..2147483647)
    DateAndTime ::= OCTET STRING(SIZE(8 | 11))


mitelCsEmergencyResponse OBJECT IDENTIFIER ::= { mitelAppCallServer
3 }
--           OBJECT-IDENTITY
--       STATUS            mandatory
--       DESCRIPTION       "The branch to support ER Adviser. Leaves in
                            this subtree are used to define information
                            that Mitel 3300 and SX-2000 Light Call
                            Servers should comply with."
--       ::= { mitelAppCallServer    3 }


mitelCsErSeqNumber OBJECT-TYPE
    SYNTAX            Integer32
    ACCESS            not-accessible
    STATUS            mandatory
    DESCRIPTION       "Same number used in the Emergency Call logs."
    ::= { mitelCsEmergencyResponse  1 }


mitelCsErCallType OBJECT-TYPE
    SYNTAX            Integer32  -- Under debate; could be an
                       enumeration
    ACCESS            not-accessible
    STATUS            mandatory
    DESCRIPTION       "Type of Emergency Call."
    ::= { mitelCsEmergencyResponse  2 }


mitelCsErDetectTime OBJECT-TYPE
    SYNTAX            DateAndTime
    ACCESS            not-accessible
    STATUS            mandatory
    DESCRIPTION       "The time that the emergency call occurred on
                       the Call Server."
    ::= { mitelCsEmergencyResponse  3 }


mitelCsErCallingDN OBJECT-TYPE
    SYNTAX            DisplayString
    ACCESS            not-accessible
    STATUS            mandatory
    DESCRIPTION       "The directory number dialed for the emergency
                       call."
    ::= { mitelCsEmergencyResponse  4 }
```

```
mitelCsErCallingPNI OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "The PNI dialed for the emergency call."
    ::= { mitelCsEmergencyResponse  5 }


mitelCsErCesidDigits OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "The CESID assigned to the Dialing Number. May
                     also be the default system CESID value or empty
                     if the CESID is unknown."
    ::= { mitelCsEmergencyResponse  6 }


mitelCsErDialledDigits OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "The number dialed for the emergency call."
    ::= { mitelCsEmergencyResponse  7 }



mitelCsErRegistrationDN OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "The directory number dialed for the emergency
                     call. This could be empty, the directory number
                     of the device making the call, an incoming
                     caller ID or remote CESID."
    ::= { mitelCsEmergencyResponse  8 }



-------------------------------------------------
-- The unacknowledged Emergency Call notification table.
-------------------------------------------------


mitelCsErUnackTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF MitelCsErUnackTableEntry
    ACCESS          not-accessible
```

```
        STATUS          mandatory
        DESCRIPTION     "A list of notifications sent from this agent
                        that are expected to be acknowledged, but have
                        not yet received the acknowledgement. One entry
                        is created for each acknowledgeable notification
                        transmitted from this agent. Managers are
                         expected
                        to delete the rows in this table to acknowledge
                        receipt of the notification. To do so, the index
                        is provided in the notification sent to the
                         manager.
                        Any unacknowledged notifications are removed at
                        the agent's discretion. This table is kept
                        in volatile memory."
        ::= { mitelCsEmergencyResponse  9 }


mitelCsErUnackTableEntry OBJECT-TYPE
        SYNTAX          MitelCsErUnackTableEntry
        ACCESS          not-accessible
        STATUS          mandatory
        DESCRIPTION     "An entry containing unacknowledged notification
                         information."
        INDEX           { mitelCsErUnackTableIndex }
        ::= { mitelCsErUnackTable 1 }


MitelCsErUnackTableEntry ::=
        SEQUENCE {
            mitelCsErUnackTableIndex     Integer32,
            mitelCsErUnackTableToken     Integer32
        }


mitelCsErUnackTableIndex OBJECT-TYPE
        SYNTAX           Integer32
        ACCESS           not-accessible
        STATUS           mandatory
        DESCRIPTION      "The index of the row for the Manager to
                          acknowledge the notification. If no
                          acknowledgement is required, this will be 0.
                          For require acknowledgement this is a unique
                          value, greater than zero, for each row. The
                          values are assigned contiguously starting from
                          1, and are not re-used (to allow for duplicated
                          Set Requests for destruction of the row)."
        ::= { mitelCsErUnackTableEntry 1 }
```

```
    mitelCsErUnackTableToken OBJECT-TYPE
        SYNTAX              Integer32
        ACCESS              write-only
        STATUS              mandatory
        DESCRIPTION         "The status of this row. A status of active
                             indicates that an acknowledgement is still
                             expected.
                             Write a destroy(6) here to acknowledge this
                             notification. A status of notInService indicates
                             that no acknowledgement is expected."
        ::= { mitelCsErUnackTableEntry 2 }


    --------------------------------------------
    -- Notifications
    --------------------------------------------


    mitelCsErNotifications  OBJECT IDENTIFIER ::= {
mitelCsEmergencyResponse 10 }
--           OBJECT-IDENTITY
--        STATUS              mandatory
--        DESCRIPTION         "."
--        ::= { mitelCsEmergencyResponse 10 }


    -- Emergency Services Notifications


    mitelCsErNotification TRAP-TYPE
        ENTERPRISE mitelCsEmergencyResponse
        VARIABLES {
            sysName,
            mitelCsErSeqNumber,
            mitelCsErCallType,
            mitelCsErDetectTime,
            mitelCsErCallingDN,
            mitelCsErCallingPNI,
            mitelCsErCesidDigits,
            mitelCsErDialledDigits,
            mitelCsErRegistrationDN,
            mitelCsErUnackTableIndex,
            mitelCsErUnackTableToken
         }
--        STATUS      mandatory
        DESCRIPTION
```

```
        "This notification is generated whenever
        an emergency call condition is detected. The
        manager is expected to ...."
  ::= 401 -- "201" "301" being used by alarms trap


END -- MTL-ERN
```

# APPENDIX H: Mitel-SX-2000-MIB Description

A copy of this file is located on the SX-2000 software installation CD and can be read with Word Pad or any other text processor.  The file is compiled into the relevant NMS managing the SX-2000 managed devices.

This Mitel SX-2000 LIGHT MIB definition file can be downloaded from:

## Mitel-SX-2000-MIB

- Mitel Online/Technical Support/Software Download/SX2000.

The format of the following proprietary MIB definitions is modified for readability and accessibility.

```
-- Copyright 1999 MITEL Corporation
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-- This Specification is supplied "AS IS", and MITEL makes
-- no warranty, either express or implied, as to the use,
-- operation, condition, or performance of the Specification.



MITEL-SX2000-MIB


    --FORCE-INCLUDE <mib.h>
    --FORCE-INCLUDE <snmpdefs.h>
    --FORCE-INCLUDE <snmpstat.h>
    --FORCE-INCLUDE "mibhand.h"
    --EXCLUDE mitelExtInterfaces
    --EXCLUDE mitelPropNotifications
    --EXCLUDE mitelPropReset


    DEFINITIONS ::= BEGIN



    IMPORTS
      OBJECT-TYPE
            FROM RFC-1212
      TRAP-TYPE
            FROM RFC-1215
      DisplayString
```

```
        FROM RFC1213-MIB
    mitelAppCallServer, mitelConfCompliances, mitelConfAgents,
    mitelGrpCs2000, mitelIdCs2000Light
        FROM MITEL-MIB;


    mitelAppCs2000  OBJECT IDENTIFIER ::= {mitelAppCallServer 1}
-- MODULE-IDENTITY
--          LAST-UPDATED        "9903010000Z"
--          ORGANIZATION        "MITEL Corporation"
--          CONTACT-INFO        "Standards Group,
--                               Postal:    MITEL Corporation
--                               350 Legget Drive, PO Box 13089
--                               Kanata, Ontario
--                               Canada  K2K 1X3
--                               Tel: +1 613 592 2122
--                               Fax: +1 613 592 4784
--                               E-mail: std@mitel.com"
--          DESCRIPTION         "The MITEL SX-2000 MIB module."
--          REVISION            "9903010000Z"
--              DESCRIPTION     "SX-2000 MIB Version 1.0"


-- For SNMPv1 compliance:
Integer32 ::= INTEGER (-2147483648..2147483647)
DateAndTime ::= OCTET STRING(SIZE(8 | 11))


    -- **********************************
    -- SX-2000-specific Textual Conventions
    -- **********************************


    MitelCs2000AlarmLevelType ::= INTEGER {
                            almClear(1),     -- all clear
                            almMinor(2),     -- minor alarm
                            almMajor(3),     -- major alarm
                            almCritical(4)   -- critical alarm
                    }


--TEXTUAL-CONVENTION
--          STATUS              current
--          DESCRIPTION         "The MITEL-defined alarm level type."



    -- **********************************
```

```
    -- The mitelAppCs2000 subtree... SX-2000.
    -- **********************************


    mitelCs2000System  OBJECT IDENTIFIER ::= {mitelAppCs2000 1 }
--OBJECT-IDENTITY
--    STATUS              current
--    DESCRIPTION         "Subtree for any product-specific
                            information."
--    ::= { mitelAppCs2000 1 }


    mitelCs2000Alarms  OBJECT IDENTIFIER ::= {mitelAppCs2000 2}
--OBJECT-IDENTITY
--    STATUS              current
--    DESCRIPTION         "Alarms information for the SX-2000."
--    ::= { mitelAppCs2000 2 }


    -- **********************************
    -- The mitel subtree... table of Call Server-specific system
information.
    -- **********************************


    mitelCs2000SysName    OBJECT-TYPE
        SYNTAX            DisplayString
        ACCESS            read-only
        STATUS            mandatory
        DESCRIPTION       "The name of the call server."
        ::= { mitelCs2000System 1 }


    -- **********************************
    -- The mitelCs2000Alarms subtree... table of alarm states
    -- **********************************


    mitelCs2000AlmLevel     OBJECT-TYPE
        SYNTAX            MitelCs2000AlarmLevelType
        ACCESS            read-only
        STATUS            mandatory
        DESCRIPTION       "The current overall alarm level for the call
                          server."
        ::= { mitelCs2000Alarms 1 }


    mitelCs2000AlmDetectDate  OBJECT-TYPE
```

```
    SYNTAX          DateAndTime
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Defines when the alarm was detected."
    ::= { mitelCs2000Alarms 2 }


mitelCs2000AlmNbrCategories OBJECT-TYPE
    SYNTAX          Integer32
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Defines the number of associated entries in
                    the categories table."
    ::= { mitelCs2000Alarms 3 }


-- ************************************
-- The mitelCs2000CategoryTable subtree... table of categorized alarms
-- ************************************


mitelCs2000CategoryTable  OBJECT-TYPE
    SYNTAX          SEQUENCE OF MitelCs2000CategoryTableEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "Table defining the alarm state for individual
                    call server categories. There will be multiple
                    categories for each call server. The number of
                    rows in the table is determined by the total
                    of the mitelCs2000AlmTblNbrCategories value."
    ::= { mitelCs2000Alarms 4 }


mitelCs2000CategoryTableEntry OBJECT-TYPE
    SYNTAX          MitelCs2000CategoryTableEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "A row defining a single category."
    INDEX           { mitelCs2000CatTblIndex }
    ::= { mitelCs2000CategoryTable 1 }


MitelCs2000CategoryTableEntry ::=
    SEQUENCE {
      mitelCs2000CatTblIndex          INTEGER,
      mitelCs2000CatTblAvailable      Integer32,
      mitelCs2000CatTblUnavailable    Integer32,
```

```
        mitelCs2000CatTblLevel              MitelCs2000AlarmLevelType,
        mitelCs2000CatTblMinorThresh     Integer32,
        mitelCs2000CatTblMajorThresh     Integer32,
        mitelCs2000CatTblCriticalThresh  Integer32,
        mitelCs2000CatTblName            DisplayString
      }


   mitelCs2000CatTblIndex    OBJECT-TYPE
      SYNTAX            INTEGER
      ACCESS            read-only
      STATUS            mandatory
      DESCRIPTION       "Differentiates the different category reports
                        for the call server. The first category
                        will have an index value of 1, the second will
                        have 2, etc. up to the last category report. The
                        highest possible index value is 100."
      ::= { mitelCs2000CategoryTableEntry 1 }


   mitelCs2000CatTblAvailable OBJECT-TYPE
      SYNTAX            Integer32
      ACCESS            read-only
      STATUS            mandatory
      DESCRIPTION       "The number of available resources of this type
                        of category on this call server."
      ::= { mitelCs2000CategoryTableEntry 2 }


   mitelCs2000CatTblUnavailable OBJECT-TYPE
      SYNTAX            Integer32
      ACCESS            read-only
      STATUS            mandatory
      DESCRIPTION       "The number of unavailable resources of this
type
                        of category on this call server."
      ::= { mitelCs2000CategoryTableEntry 3 }


   mitelCs2000CatTblLevel    OBJECT-TYPE
      SYNTAX            MitelCs2000AlarmLevelType
      ACCESS            read-only
      STATUS            mandatory
      DESCRIPTION       "Defines the alarm level for this category on
                         this call server."
      ::= { mitelCs2000CategoryTableEntry 4 }
```

```
mitelCs2000CatTblMinorThresh OBJECT-TYPE
    SYNTAX          Integer32
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "The percentage unavailable threshold indicating
                    a minor alarm on this call server category."
    ::= { mitelCs2000CategoryTableEntry 5 }


mitelCs2000CatTblMajorThresh OBJECT-TYPE
    SYNTAX          Integer32
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "The percentage unavailable threshold indicating
                    a major alarm on this call server category."
    ::= { mitelCs2000CategoryTableEntry 6 }


mitelCs2000CatTblCriticalThresh OBJECT-TYPE
    SYNTAX          Integer32
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "The percentage unavailable threshold indicating
                    a critical alarm on this call server category."
    ::= { mitelCs2000CategoryTableEntry 7 }


mitelCs2000CatTblName    OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "The name of this resource category."
    ::= { mitelCs2000CategoryTableEntry 8 }

-- **********************************
-- The SX-2000 Notifications
-- **********************************

mitelCs2000Notifications  OBJECT IDENTIFIER ::= {mitelAppCs2000 3}
--      STATUS          mandatory
--      DESCRIPTION     "The common traps supported by MITEL agents."
--      ::= { mitelAppCs2000 3 }


mitelCs2000NotifAlarm    TRAP-TYPE
ENTERPRISE mitelIdCs2000Light
```

```
      VARIABLES {
        mitelCs2000SysName,              -- the name of the system
        mitelCs2000AlmLevel,             -- the call server alarm level
        mitelCs2000AlmDetectDate,        -- the alarm detection time
        mitelCs2000AlmNbrCategories      -- indicates the number of
                                            assoc'd categories
      }
--       STATUS          mandatory
        DESCRIPTION           "This notification is generated whenever
                              an alarm condition is detected or cleared. The
                              manager is expected to retrieve the
                              corresponding alarm and category table
                              information."
        ::= 201


   -- **********************************
   -- The mitelConformance subtree.
   -- **********************************


   mitelComplCs2000 OBJECT IDENTIFIER ::= {mitelConfCompliances 4}
-- MODULE-COMPLIANCE
--       STATUS           mandatory
--       DESCRIPTION          "The compliance statement for SNMPv2 entities
                              which implement the MITEL SX-2000 MIB."
--       MODULE
--          compliance to the MITEL SX-2000 MIB module
--        MANDATORY-GROUPS { mitelGrpCs2000System }
--       ::= { mitelConfCompliances 4 }


   mitelGrpCs2000System  OBJECT IDENTIFIER ::= {mitelGrpCs2000 1}
--OBJECT-GROUP
--       OBJECTS          {
--                         mitelCs2000SysName
--                        }
--       STATUS          mandatory
--       DESCRIPTION          "The system information objects in the SX-2000
                              MIB."
--       ::= { mitelGrpCs2000 1 }


   mitelGrpCs2000Alarms  OBJECT IDENTIFIER ::= {mitelGrpCs2000 2}
--OBJECT-GROUP
--       OBJECTS          {
--                         mitelCs2000AlmLevel,
```

```
--                          mitelCs2000AlmDetectDate,
--                          mitelCs2000AlmNbrCategories,
--                          mitelCs2000CatTblAvailable,
--                          mitelCs2000CatTblUnavailable,
--                          mitelCs2000CatTblLevel,
--                          mitelCs2000CatTblMinorThresh,
--                          mitelCs2000CatTblMajorThresh,
--                          mitelCs2000CatTblCriticalThresh,
--                          mitelCs2000CatTblName
--                      }
--      STATUS           mandatory
--      DESCRIPTION      "The alarms-related objects in the SX-2000
--                       MIB."
--      ::= { mitelGrpCs2000 2 }


--   mitelGrpCs2000AlarmsNotifs NOTIFICATION-GROUP
--       OBJECTS              {
--                            mitelCs2000NotifAlarm
--                        }
--       STATUS           mandatory
--       DESCRIPTION      "The current notifications in the SX-2000 MIB."
--       ::= { mitelGrpCs2000 3 }


    -- ***********************************
    -- The mitelConfAgents subtree.
    -- ***********************************


    mitelAgentCs2000    OBJECT IDENTIFIER ::= {mitelConfAgents 2}
--AGENT-CAPABILITIES
--      PRODUCT-RELEASE   "MITEL Agent Release 1.0 for SX-2000"
--      STATUS            mandatory
--      DESCRIPTION       "MITEL SX-2000 Agent."
--
--      SUPPORTS          SNMPv2-MIB
--          INCLUDES      {
--                            snmpStatsGroup, snmpORGroup,
--                            snmpTrapGroup, snmpSetGroup,
--                            snmpV1Group
--                            systemGroup, snmpGroup, snmpSetGroup,
--                            snmpBasicNotificationsGroup
--                        }
--
```

```
--        SUPPORTS           MITEL-MIB
--            INCLUDES        {
--                            mitelGrpCmnNotifBasic
--                            }
--        VARIATION       mitelNotifEnblTblEnable
--            ACCESS      read-only
--            DESCRIPTION "Implemented as a configuration file item."
--        VARIATION       mitelNotifEnblTblAck
--            ACCESS      read-only
--            DESCRIPTION "Acknowledgement of notifications is not
--                         supported. Will always return False."
--
--        SUPPORTS           MITEL-SX2000-MIB
--            INCLUDES        {
--                            mitelGrpCs2000Alarms,
--                        mitelGrpCs2000AlarmsNotifs
--                            }
--    ::= { mitelConfAgents 2 }


END -- MITEL-SX2000-MIB
```

| Global Headquarters | U.S. | EMEA | CALA | Asia Pacific |
|---|---|---|---|---|
| Tel: +1(613) 592-2122 | Tel: +1(480) 961-9000 | Tel: +44(0)1291-430000 | Tel: +1(613) 592-2122 | Tel: +852 2508 9780 |
| Fax: +1(613) 592-4784 | Fax: +1(480) 961-1370 | Fax: +44(0)1291-430400 | Fax: +1(613) 592-7825 | Fax: +852 2508 9232 |

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