

**BOMGAR™**

# **SNMP Reference Guide**

**Bomgar™ Base Version 3.1.10**

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## Introduction

Beginning with Bomgar Base version 3.1.10, the Bomgar Appliance supports Simple Network Management Protocol (SNMP) monitoring for network, hard drive(s), memory, and CPU statistics. This feature is available to Enterprise customers, as of version 10.5. It enables users to monitor the Bomgar appliance using SNMP monitoring tools.

Enterprise customers typically use system monitoring tools to gather information from network devices using SNMP. The read-only requests validate availability and general health and do not negatively impact the performance of the Bomgar™ appliance. Users can enable and disable SNMP access to the appliance.

## Logging and Reporting

Any change in SNMP administrative settings generates a Syslog event in the /login interface. See the Bomgar Syslog Message Reference Guide for more detailed Syslog information. Specific Syslog events include:

- Syslog event to note Enabling/Disabling of SNMP feature
- Syslog event to note the Setting/Changing of SNMP Community Name
- Syslog event to note the Setting/Changing of System Location

## SNMP User Configuration Settings

Appropriately credentialed users configure SNMP from the /appliance interface. Enabling SNMP for your appliance is as simple as selecting the Networking tab in the /appliance interface, and clicking the SNMP link. You can find your model's appliance manual at [www.bomgar.com/documentation](http://www.bomgar.com/documentation).

Check the box beside **Enable SNMPv2**.

Enabling SNMPv2 allows the Bomgar appliance to be available for SNMP queries.

Next, enter a **System Location** value, a **Read-Only Community Name** value, and **IP Restrictions** in the corresponding free text fields.

IP Restrictions are those IP addresses permitted to query your appliance using SNMP.

The screenshot shows the Bomgar B200 Administration interface. The top navigation bar includes 'STATUS', 'MYACCOUNT', 'NETWORKING', 'SECURITY', and 'SUPPORT'. The 'SECURITY' tab is active, and the 'SNMP' link is selected. The main content area is titled 'Security :: SNMP Configuration' and contains the following fields:

- Enable SNMPv2**:  Enable the SNMPv2 server on this appliance. You will be able to configure server options below.
- System Location**:  Enter the location of this Bomgar appliance. This value will be returned in the SNMPv2-MIB:sysLocation OID.
- Read-Only Community Name**:  Enter the community name that the SNMPv2 server should respond to.
- IP Restrictions**:  Enter IP addresses that should be allowed to access SNMP on this appliance. One entry per line, in the form "A.B.C.D/netmask". Netmask can be in dotted-decimal format, or an integer bitmask. If no entries are provided, all hosts will be granted access.

A 'Save Changes' button is located at the bottom of the configuration area. The footer of the page reads: 'Copyright © 2002-2010 Bomgar Corporation. Redistribution Prohibited. All Rights Reserved. www.bomgar.com'.

**NOTE:** If you enter NO IP addresses in the field for **IP Restrictions**, you will grant access to ALL hosts.

Field	Explanation
Enable SNMPv2	Select (check) to prepare the appliance availability for queries.
System Location	The location of this Bomgar appliance for the SNMP MIB.
Read-Only Community Name	The community name to which the SNMPv2 Server should respond.
IP Restrictions	The list of IP addresses allowed to access SNMP on this appliance.

Appliance Configuration Fields

## Platforms

SNMP Monitoring is available on Bomgar appliances with Enterprise licensing, Base version 3.1.10. Bomgar supports SNMPv2, version 2 of the Simple Network Management Protocol, a Draft Internet Standard, defined in RFCs 1902 through 1907.

## Bomgar Appliance Supported MIBs

The MIB objects included here are mostly generic variable objects that apply universally to the operation of TCP/IP devices as a whole. The SNMP framework is an evolutionary model and changes according to standardization needs. The following list indicates the collection of MIB objects and SNMP notifications supported by Bomgar.

### SNMP MIB Header Information

```
SNMPv2-MIB::sysDescr.0 Bomgar B200 Appliance
SNMPv2-MIB::sysObjectID.0 NET-SNMP-MIB::netSnmAgentOIDs.10
DISMAN-EVENT-MIB::sysUpTimeInstance 110463498
SNMPv2-MIB::sysContact.0 root@localhost
(refers to "Admin Contact" entry in /appliance>security>email configuration)
SNMPv2-MIB::sysName.0 example.support.bomgar.com
SNMPv2-MIB::sysLocation.0 City
(refers to "System Location" in SNMP Configuration)
```

## MIB Code Listing

The following is a listing of the MIBs that you can generate from the Bomgar Appliance if you enable SNMPv2 in the configuration settings.

```
IF-MIB::ifNumber.0 4
IF-MIB::ifIndex.1 1
IF-MIB::ifIndex.2 2
IF-MIB::ifIndex.3 3
IF-MIB::ifIndex.4 4
IF-MIB::ifDescr.1 lo
IF-MIB::ifDescr.2 eth0
IF-MIB::ifDescr.3 eth1
IF-MIB::ifDescr.4 sit0
IF-MIB::ifType.1 24
IF-MIB::ifType.2 6
IF-MIB::ifType.3 6
IF-MIB::ifType.4 131
IF-MIB::ifMtu.1 16436
IF-MIB::ifMtu.2 1500
IF-MIB::ifMtu.3 1500
IF-MIB::ifMtu.4 1480
IF-MIB::ifSpeed.1 10000000
IF-MIB::ifSpeed.2 1000000000
IF-MIB::ifSpeed.3 0
IF-MIB::ifSpeed.4 0
IF-MIB::ifPhysAddress.1
IF-MIB::ifPhysAddress.2 0:30:48:8b:7e:de
IF-MIB::ifPhysAddress.3 0:30:48:8b:7e:df
IF-MIB::ifPhysAddress.4
IF-MIB::ifAdminStatus.1 1
IF-MIB::ifAdminStatus.2 1
IF-MIB::ifAdminStatus.3 1
IF-MIB::ifAdminStatus.4 2
IF-MIB::ifOperStatus.1 1
IF-MIB::ifOperStatus.2 1
IF-MIB::ifOperStatus.3 2
IF-MIB::ifOperStatus.4 2
IF-MIB::ifLastChange.1 0
IF-MIB::ifLastChange.2 0
IF-MIB::ifLastChange.3 0
IF-MIB::ifLastChange.4 0
IF-MIB::ifInOctets.1 94944404
IF-MIB::ifInOctets.2 1408497161
IF-MIB::ifInOctets.3 0
IF-MIB::ifInOctets.4 0
IF-MIB::ifInUcastPkts.1 1067790
IF-MIB::ifInUcastPkts.2 3129884
IF-MIB::ifInUcastPkts.3 0
IF-MIB::ifInUcastPkts.4 0
IF-MIB::ifInNUcastPkts.1 0
```

*MIB Code List, continued*

```
IF-MIB::ifInNUcastPkts.2 46256
IF-MIB::ifInNUcastPkts.3 0
IF-MIB::ifInNUcastPkts.4 0
IF-MIB::ifInDiscards.1 0
IF-MIB::ifInDiscards.2 0
IF-MIB::ifInDiscards.3 0
IF-MIB::ifInDiscards.4 0
IF-MIB::ifInErrors.1 0
IF-MIB::ifInErrors.2 0
IF-MIB::ifInErrors.3 0
IF-MIB::ifInErrors.4 0
IF-MIB::ifInUnknownProtos.1 0
IF-MIB::ifInUnknownProtos.2 0
IF-MIB::ifInUnknownProtos.3 0
IF-MIB::ifInUnknownProtos.4 0
IF-MIB::ifOutOctets.1 94944404
IF-MIB::ifOutOctets.2 242826189
IF-MIB::ifOutOctets.3 0
IF-MIB::ifOutOctets.4 0
IF-MIB::ifOutUcastPkts.1 1067790
IF-MIB::ifOutUcastPkts.2 1114934
IF-MIB::ifOutUcastPkts.3 0
IF-MIB::ifOutUcastPkts.4 0
IF-MIB::ifOutNUcastPkts.1 0
IF-MIB::ifOutNUcastPkts.2 0
IF-MIB::ifOutNUcastPkts.3 0
IF-MIB::ifOutNUcastPkts.4 0
IF-MIB::ifOutDiscards.1 0
IF-MIB::ifOutDiscards.2 0
IF-MIB::ifOutDiscards.3 0
IF-MIB::ifOutDiscards.4 0
IF-MIB::ifOutErrors.1 0
IF-MIB::ifOutErrors.2 0
IF-MIB::ifOutErrors.3 0
IF-MIB::ifOutErrors.4 0
IF-MIB::ifOutQLen.1 0
IF-MIB::ifOutQLen.2 0
IF-MIB::ifOutQLen.3 0
IF-MIB::ifOutQLen.4 0
IF-MIB::ifSpecific.1 SNMPv2-SMI::zeroDotZero
IF-MIB::ifSpecific.2 SNMPv2-SMI::zeroDotZero
IF-MIB::ifSpecific.3 SNMPv2-SMI::zeroDotZero
IF-MIB::ifSpecific.4 SNMPv2-SMI::zeroDotZero
RFC1213-MIB::atIfIndex.2.1.10.10.30.1 2
RFC1213-MIB::atPhysAddress.2.1.10.10.30.1 "00 1C 57 1B B9 C9 "
RFC1213-MIB::atNetAddress.2.1.10.10.30.1 0A:0A:1E:01
IP-MIB::ipForwarding.0 2
IP-MIB::ipDefaultTTL.0 64
IP-MIB::ipInReceives.0 3167677
IP-MIB::ipInHdrErrors.0 0
IP-MIB::ipInAddrErrors.0 1025
IP-MIB::ipForwDatagrams.0 0
IP-MIB::ipInUnknownProtos.0 0
```

*MIB Code List, continued*

```
IP-MIB::ipInDiscards.0 0
IP-MIB::ipInDelivers.0 2556193
IP-MIB::ipOutRequests.0 2121547
IP-MIB::ipOutDiscards.0 0
IP-MIB::ipOutNoRoutes.0 0
IP-MIB::ipReasmTimeout.0 30 seconds
IP-MIB::ipReasmReqds.0 0
IP-MIB::ipReasmOKs.0 0
IP-MIB::ipReasmFails.0 0
IP-MIB::ipFragOKs.0 0
IP-MIB::ipFragFails.0 0
IP-MIB::ipFragCreates.0 0
IP-MIB::ipAdEntAddr.10.10.28.242 10.10.28.242
IP-MIB::ipAdEntAddr.127.0.0.1 127.0.0.1
IP-MIB::ipAdEntAddr.169.254.1.1 169.254.1.1
IP-MIB::ipAdEntAddr.169.254.249.1 169.254.249.1
IP-MIB::ipAdEntIfIndex.10.10.28.242 2
IP-MIB::ipAdEntIfIndex.127.0.0.1 1
IP-MIB::ipAdEntIfIndex.169.254.1.1 2
IP-MIB::ipAdEntIfIndex.169.254.249.1 2
IP-MIB::ipAdEntNetMask.10.10.28.242 255.255.252.0
IP-MIB::ipAdEntNetMask.127.0.0.1 255.0.0.0
IP-MIB::ipAdEntNetMask.169.254.1.1 255.255.0.0
IP-MIB::ipAdEntNetMask.169.254.249.1 255.255.255.255
IP-MIB::ipAdEntBcastAddr.10.10.28.242 1
IP-MIB::ipAdEntBcastAddr.127.0.0.1 0
IP-MIB::ipAdEntBcastAddr.169.254.1.1 1
IP-MIB::ipAdEntBcastAddr.169.254.249.1 1
RFC1213-MIB::ipRouteDest.0.0.0.0 0.0.0.0
RFC1213-MIB::ipRouteDest.10.10.28.0 10.10.28.0
RFC1213-MIB::ipRouteDest.127.0.0.0 127.0.0.0
RFC1213-MIB::ipRouteDest.169.254.0.0 169.254.0.0
RFC1213-MIB::ipRouteIfIndex.0.0.0.0 2
RFC1213-MIB::ipRouteIfIndex.10.10.28.0 2
RFC1213-MIB::ipRouteIfIndex.127.0.0.0 1
RFC1213-MIB::ipRouteIfIndex.169.254.0.0 2
RFC1213-MIB::ipRouteMetric1.0.0.0.0 1
RFC1213-MIB::ipRouteMetric1.10.10.28.0 0
RFC1213-MIB::ipRouteMetric1.127.0.0.0 0
RFC1213-MIB::ipRouteMetric1.169.254.0.0 0
RFC1213-MIB::ipRouteNextHop.0.0.0.0 10.10.30.1
RFC1213-MIB::ipRouteNextHop.10.10.28.0 0.0.0.0
RFC1213-MIB::ipRouteNextHop.127.0.0.0 0.0.0.0
RFC1213-MIB::ipRouteNextHop.169.254.0.0 0.0.0.0
RFC1213-MIB::ipRouteType.0.0.0.0 4
RFC1213-MIB::ipRouteType.10.10.28.0 3
RFC1213-MIB::ipRouteType.127.0.0.0 3
RFC1213-MIB::ipRouteType.169.254.0.0 3
RFC1213-MIB::ipRouteProto.0.0.0.0 2
RFC1213-MIB::ipRouteProto.10.10.28.0 2
RFC1213-MIB::ipRouteProto.127.0.0.0 2
RFC1213-MIB::ipRouteProto.169.254.0.0 2
RFC1213-MIB::ipRouteMask.0.0.0.0 0.0.0.0
```

*MIB Code List, continued*

```

RFC1213-MIB::ipRouteMask.10.10.28.0 255.255.252.0
RFC1213-MIB::ipRouteMask.127.0.0.0 255.0.0.0
RFC1213-MIB::ipRouteMask.169.254.0.0 255.255.0.0
RFC1213-MIB::ipRouteInfo.0.0.0.0 SNMPv2-SMI::zeroDotZero
RFC1213-MIB::ipRouteInfo.10.10.28.0 SNMPv2-SMI::zeroDotZero
RFC1213-MIB::ipRouteInfo.127.0.0.0 SNMPv2-SMI::zeroDotZero
RFC1213-MIB::ipRouteInfo.169.254.0.0 SNMPv2-SMI::zeroDotZero
IP-MIB::ipNetToMediaIfIndex.2.10.10.30.1 2
IP-MIB::ipNetToMediaPhysAddress.2.10.10.30.1 0:1c:57:1b:b9:c9
IP-MIB::ipNetToMediaNetAddress.2.10.10.30.1 10.10.30.1
IP-MIB::ipNetToMediaType.2.10.10.30.1 3
IP-MIB::ipRoutingDiscards.0 0
IP-FORWARD-MIB::ipCidrRouteDest.0.0.0.0.0.0.0.0.0.10.10.30.1 0.0.0.0
IP-FORWARD-MIB::ipCidrRouteDest.10.10.28.0.0.252.255.255.0.0.0.0 10.10.28.0
IP-FORWARD-MIB::ipCidrRouteDest.127.0.0.0.0.0.255.0.0.0.0 127.0.0.0
IP-FORWARD-MIB::ipCidrRouteDest.169.254.0.0.0.0.255.255.0.0.0.0 169.254.0.0
IP-FORWARD-MIB::ipCidrRouteMask.0.0.0.0.0.0.0.0.0.10.10.30.1 0.0.0.0
IP-FORWARD-MIB::ipCidrRouteMask.10.10.28.0.0.252.255.255.0.0.0.0 0.252.255.255
IP-FORWARD-MIB::ipCidrRouteMask.127.0.0.0.0.0.255.0.0.0.0 0.0.0.255
IP-FORWARD-MIB::ipCidrRouteMask.169.254.0.0.0.0.255.255.0.0.0.0 0.0.255.255
IP-FORWARD-MIB::ipCidrRouteTos.0.0.0.0.0.0.0.0.0.10.10.30.1 0
IP-FORWARD-MIB::ipCidrRouteTos.10.10.28.0.0.252.255.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteTos.127.0.0.0.0.0.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteTos.169.254.0.0.0.0.255.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteNextHop.0.0.0.0.0.0.0.0.0.10.10.30.1 10.10.30.1
IP-FORWARD-MIB::ipCidrRouteNextHop.10.10.28.0.0.252.255.255.0.0.0.0 0.0.0.0
IP-FORWARD-MIB::ipCidrRouteNextHop.127.0.0.0.0.0.255.0.0.0.0 0.0.0.0
IP-FORWARD-MIB::ipCidrRouteNextHop.169.254.0.0.0.0.255.255.0.0.0.0 0.0.0.0
IP-FORWARD-MIB::ipCidrRouteIfIndex.0.0.0.0.0.0.0.0.0.10.10.30.1 2
IP-FORWARD-MIB::ipCidrRouteIfIndex.10.10.28.0.0.252.255.255.0.0.0.0 2
IP-FORWARD-MIB::ipCidrRouteIfIndex.127.0.0.0.0.0.255.0.0.0.0 1
IP-FORWARD-MIB::ipCidrRouteIfIndex.169.254.0.0.0.0.255.255.0.0.0.0 2
IP-FORWARD-MIB::ipCidrRouteType.0.0.0.0.0.0.0.0.0.10.10.30.1 4
IP-FORWARD-MIB::ipCidrRouteType.10.10.28.0.0.252.255.255.0.0.0.0 3
IP-FORWARD-MIB::ipCidrRouteType.127.0.0.0.0.0.255.0.0.0.0 3
IP-FORWARD-MIB::ipCidrRouteType.169.254.0.0.0.0.255.255.0.0.0.0 3
IP-FORWARD-MIB::ipCidrRouteProto.0.0.0.0.0.0.0.0.0.10.10.30.1 2
IP-FORWARD-MIB::ipCidrRouteProto.10.10.28.0.0.252.255.255.0.0.0.0 2
IP-FORWARD-MIB::ipCidrRouteProto.127.0.0.0.0.0.255.0.0.0.0 2
IP-FORWARD-MIB::ipCidrRouteProto.169.254.0.0.0.0.255.255.0.0.0.0 2
IP-FORWARD-MIB::ipCidrRouteInfo.0.0.0.0.0.0.0.0.0.10.10.30.1 SNMPv2-SMI::zeroDotZero
IP-FORWARD-MIB::ipCidrRouteInfo.10.10.28.0.0.252.255.255.0.0.0.0 SNMPv2-
SMI::zeroDotZero
IP-FORWARD-MIB::ipCidrRouteInfo.127.0.0.0.0.0.255.0.0.0.0 SNMPv2-SMI::zeroDotZero
IP-FORWARD-MIB::ipCidrRouteInfo.169.254.0.0.0.0.255.255.0.0.0.0 SNMPv2-
SMI::zeroDotZero
IP-FORWARD-MIB::ipCidrRouteNextHopAS.0.0.0.0.0.0.0.0.0.10.10.30.1 0
IP-FORWARD-MIB::ipCidrRouteNextHopAS.10.10.28.0.0.252.255.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteNextHopAS.127.0.0.0.0.0.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteNextHopAS.169.254.0.0.0.0.255.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteMetric1.0.0.0.0.0.0.0.0.0.10.10.30.1 1
IP-FORWARD-MIB::ipCidrRouteMetric1.10.10.28.0.0.252.255.255.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteMetric1.127.0.0.0.0.0.255.0.0.0.0 0

```

*MIB Code List, continued*

```

IP-FORWARD-MIB::ipCidrRouteMetric1.169.254.0.0.0.0.255.255.0.0.0.0.0 0
IP-FORWARD-MIB::ipCidrRouteMetric2.0.0.0.0.0.0.0.0.0.10.10.30.1 -1
IP-FORWARD-MIB::ipCidrRouteMetric2.10.10.28.0.0.252.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric2.127.0.0.0.0.0.0.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric2.169.254.0.0.0.0.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric3.0.0.0.0.0.0.0.0.0.10.10.30.1 -1
IP-FORWARD-MIB::ipCidrRouteMetric3.10.10.28.0.0.252.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric3.127.0.0.0.0.0.0.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric3.169.254.0.0.0.0.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric4.0.0.0.0.0.0.0.0.0.10.10.30.1 -1
IP-FORWARD-MIB::ipCidrRouteMetric4.10.10.28.0.0.252.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric4.127.0.0.0.0.0.0.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric4.169.254.0.0.0.0.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric5.0.0.0.0.0.0.0.0.0.10.10.30.1 -1
IP-FORWARD-MIB::ipCidrRouteMetric5.10.10.28.0.0.252.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric5.127.0.0.0.0.0.0.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteMetric5.169.254.0.0.0.0.255.255.0.0.0.0 -1
IP-FORWARD-MIB::ipCidrRouteStatus.0.0.0.0.0.0.0.0.0.10.10.30.1 1
IP-FORWARD-MIB::ipCidrRouteStatus.10.10.28.0.0.252.255.255.0.0.0.0 1
IP-FORWARD-MIB::ipCidrRouteStatus.127.0.0.0.0.0.0.255.0.0.0.0 1
IP-FORWARD-MIB::ipCidrRouteStatus.169.254.0.0.0.0.255.255.0.0.0.0 1
IP-FORWARD-MIB::inetCidrRouteNumber.0 10
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" 2
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" 2
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" 1
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" 2
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 2
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 2
IP-FORWARD-MIB::inetCidrRouteIfIndex.ipv6.ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" 4
IP-FORWARD-MIB::inetCidrRouteType.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv6."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv6."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3
IP-FORWARD-MIB::inetCidrRouteType.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 3

```



## MIB Code List, continued

```

IP-FORWARD-MIB::inetCidrRouteMetric1.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" 1
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" 0
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" 0
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" 0
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 256
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 256
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
e".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 0
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
f".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 0
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 256
IP-FORWARD-MIB::inetCidrRouteMetric1.ipv6."
ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 256
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
e".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
f".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric2.ipv6."
ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
e".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:d
f".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric3.ipv6."
ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" -1

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*MIB Code List, continued*

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IP-FORWARD-MIB::inetCidrRouteMetric4.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric4.ipv6."
ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteMetric5.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" -1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv4."0.0.0.0".0.2.0.0.ipv4."10.10.30.1" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv4."10.10.28.0".22.1.2.ipv4."0.0.0.0" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv4."127.0.0.0".8.1.1.ipv4."0.0.0.0" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv4."169.254.0.0".16.1.2.ipv4."0.0.0.0" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.7.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."fe:80:00:00:00:00:00:00:00:00:00:00:00:00:00:00".64.1.8.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de".128.1.5.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."fe:80:00:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df".128.1.6.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.9.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-FORWARD-MIB::inetCidrRouteStatus.ipv6."
ff:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".8.1.10.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00" 1
IP-MIB::ipv6IpForwarding.0 2
IP-MIB::ipv6IpDefaultHopLimit.0 64
IP-MIB::ipSystemStatsInReceives.ipv4 3165279
IP-MIB::ipSystemStatsInReceives.ipv6 0
IP-MIB::ipSystemStatsHCInReceives.ipv4 3165279

```

*MIB Code List, continued*

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IP-MIB::ipSystemStatsHCInReceives.ipv6 0
IP-MIB::ipSystemStatsHCInOctets.ipv4 0
IP-MIB::ipSystemStatsHCInOctets.ipv6 0
IP-MIB::ipSystemStatsInHdrErrors.ipv4 0
IP-MIB::ipSystemStatsInHdrErrors.ipv6 0
IP-MIB::ipSystemStatsInAddrErrors.ipv4 1025
IP-MIB::ipSystemStatsInAddrErrors.ipv6 0
IP-MIB::ipSystemStatsInUnknownProtos.ipv4 0
IP-MIB::ipSystemStatsInUnknownProtos.ipv6 0
IP-MIB::ipSystemStatsInForwDatagrams.ipv4 0
IP-MIB::ipSystemStatsInForwDatagrams.ipv6 0
IP-MIB::ipSystemStatsHCInForwDatagrams.ipv4 0
IP-MIB::ipSystemStatsHCInForwDatagrams.ipv6 0
IP-MIB::ipSystemStatsReasmReqds.ipv4 0
IP-MIB::ipSystemStatsReasmReqds.ipv6 0
IP-MIB::ipSystemStatsReasmOKs.ipv4 0
IP-MIB::ipSystemStatsReasmOKs.ipv6 0
IP-MIB::ipSystemStatsReasmFails.ipv4 0
IP-MIB::ipSystemStatsReasmFails.ipv6 0
IP-MIB::ipSystemStatsInDiscards.ipv4 0
IP-MIB::ipSystemStatsInDiscards.ipv6 0
IP-MIB::ipSystemStatsInDelivers.ipv4 2553878
IP-MIB::ipSystemStatsInDelivers.ipv6 0
IP-MIB::ipSystemStatsHCInDelivers.ipv4 2553878
IP-MIB::ipSystemStatsHCInDelivers.ipv6 0
IP-MIB::ipSystemStatsOutRequests.ipv4 2118962
IP-MIB::ipSystemStatsOutRequests.ipv6 10
IP-MIB::ipSystemStatsHCOutRequests.ipv4 2118962
IP-MIB::ipSystemStatsHCOutRequests.ipv6 10
IP-MIB::ipSystemStatsOutNoRoutes.ipv4 0
IP-MIB::ipSystemStatsOutNoRoutes.ipv6 0
IP-MIB::ipSystemStatsHCOutForwDatagrams.ipv4 0
IP-MIB::ipSystemStatsHCOutForwDatagrams.ipv6 0
IP-MIB::ipSystemStatsOutDiscards.ipv4 0
IP-MIB::ipSystemStatsOutDiscards.ipv6 1
IP-MIB::ipSystemStatsOutFragFails.ipv4 0
IP-MIB::ipSystemStatsOutFragFails.ipv6 0
IP-MIB::ipSystemStatsOutFragCreates.ipv4 0
IP-MIB::ipSystemStatsOutFragCreates.ipv6 0
IP-MIB::ipSystemStatsDiscontinuityTime.ipv4 0
IP-MIB::ipSystemStatsDiscontinuityTime.ipv6 0
IP-MIB::ipSystemStatsRefreshRate.ipv4 30000 milli-seconds
IP-MIB::ipSystemStatsRefreshRate.ipv6 30000 milli-seconds
IP-MIB::ipAddressIfIndex.ipv4z."10.10.28.242%0" 2
IP-MIB::ipAddressIfIndex.ipv4z."127.0.0.1%0" 1
IP-MIB::ipAddressIfIndex.ipv4z."169.254.1.1%0" 2
IP-MIB::ipAddressIfIndex.ipv4z."169.254.249.1%0" 2
IP-MIB::ipAddressIfIndex.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 1
IP-MIB::ipAddressIfIndex.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 2
IP-MIB::ipAddressIfIndex.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 3
IP-MIB::ipAddressType.ipv4z."10.10.28.242%0" 1
IP-MIB::ipAddressType.ipv4z."127.0.0.1%0" 1
IP-MIB::ipAddressType.ipv4z."169.254.1.1%0" 1

```

## MIB Code List, continued

```

IP-MIB::ipAddressType.ipv4z."169.254.249.1%0" 1
IP-MIB::ipAddressType.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 1
IP-MIB::ipAddressType.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 1
IP-MIB::ipAddressType.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 1
IP-MIB::ipAddressPrefix.ipv4z."10.10.28.242%0" IP-MIB::ipAddressPrefixOrigin.2.ipv
4z.\"....\".0
IP-MIB::ipAddressPrefix.ipv4z."127.0.0.1%0" IP-MIB::ipAddressPrefixOrigin.1.ipv4z.\"....\".0
IP-MIB::ipAddressPrefix.ipv4z."169.254.1.1%0" IP-MIB::ipAddressPrefixOrigin.2.ipv
4z.\"....\".0
IP-MIB::ipAddressPrefix.ipv4z."169.254.249.1%0" IP-MIB::ipAddressPrefixOrigin.2.ipv
4z.\".\r■.\".32
IP-MIB::ipAddressPrefix.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" IP-MIB::
ipAddressPrefixOrigin.1.ipv6z.\".\.....\".128
IP-MIB::ipAddressPrefix.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" IP-MIB::
ipAddressPrefixOrigin.2.ipv6z.\".\.....\".64
IP-MIB::ipAddressPrefix.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" IP-MIB::
ipAddressPrefixOrigin.3.ipv6z.\".\.....\".64
IP-MIB::ipAddressOrigin.ipv4z."10.10.28.242%0" 2
IP-MIB::ipAddressOrigin.ipv4z."127.0.0.1%0" 2
IP-MIB::ipAddressOrigin.ipv4z."169.254.1.1%0" 2
IP-MIB::ipAddressOrigin.ipv4z."169.254.249.1%0" 2
IP-MIB::ipAddressOrigin.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 2
IP-MIB::ipAddressOrigin.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 5
IP-MIB::ipAddressOrigin.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 5
IP-MIB::ipAddressStatus.ipv4z."10.10.28.242%0" 1
IP-MIB::ipAddressStatus.ipv4z."127.0.0.1%0" 1
IP-MIB::ipAddressStatus.ipv4z."169.254.1.1%0" 1
IP-MIB::ipAddressStatus.ipv4z."169.254.249.1%0" 1
IP-MIB::ipAddressStatus.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 1
IP-MIB::ipAddressStatus.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 1
IP-MIB::ipAddressStatus.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 1
IP-MIB::ipAddressCreated.ipv4z."10.10.28.242%0" 0
IP-MIB::ipAddressCreated.ipv4z."127.0.0.1%0" 0
IP-MIB::ipAddressCreated.ipv4z."169.254.1.1%0" 0
IP-MIB::ipAddressCreated.ipv4z."169.254.249.1%0" 0
IP-MIB::ipAddressCreated.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 0
IP-MIB::ipAddressCreated.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 0
IP-MIB::ipAddressCreated.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 0
IP-MIB::ipAddressLastChanged.ipv4z."10.10.28.242%0" 0
IP-MIB::ipAddressLastChanged.ipv4z."127.0.0.1%0" 0
IP-MIB::ipAddressLastChanged.ipv4z."169.254.1.1%0" 0
IP-MIB::ipAddressLastChanged.ipv4z."169.254.249.1%0" 0
IP-MIB::ipAddressLastChanged.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 0
IP-MIB::ipAddressLastChanged.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 0
IP-MIB::ipAddressLastChanged.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 0
IP-MIB::ipAddressRowStatus.ipv4z."10.10.28.242%0" 1
IP-MIB::ipAddressRowStatus.ipv4z."127.0.0.1%0" 1
IP-MIB::ipAddressRowStatus.ipv4z."169.254.1.1%0" 1
IP-MIB::ipAddressRowStatus.ipv4z."169.254.249.1%0" 1
IP-MIB::ipAddressRowStatus.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 1
IP-MIB::ipAddressRowStatus.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 1
IP-MIB::ipAddressRowStatus.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 1
IP-MIB::ipAddressStorageType.ipv4z."10.10.28.242%0" 2

```

*MIB Code List, continued*

```
IP-MIB::ipAddressStorageType.ipv4z."127.0.0.1%0" 2
IP-MIB::ipAddressStorageType.ipv4z."169.254.1.1%0" 2
IP-MIB::ipAddressStorageType.ipv4z."169.254.249.1%0" 2
IP-MIB::ipAddressStorageType.ipv6z."00:00:00:00:00:00:00:00:00:00:00:00:00:00:01%0" 2
IP-MIB::ipAddressStorageType.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:de%0" 2
IP-MIB::ipAddressStorageType.ipv6z."fe:80:00:00:00:00:00:00:02:30:48:ff:fe:8b:7e:df%0" 2
IP-MIB::ipNetToPhysicalPhysAddress.2.ipv4."10.10.30.1" 0:1c:57:1b:b9:c9
IP-MIB::ipNetToPhysicalType.2.ipv4."10.10.30.1" 3
IP-MIB::ipNetToPhysicalState.2.ipv4."10.10.30.1" 1
IP-MIB::ipNetToPhysicalRowStatus.2.ipv4."10.10.30.1" 1
IP-MIB::icmpInMsgs.0 26
IP-MIB::icmpInErrors.0 0
IP-MIB::icmpInDestUnreachs.0 3
IP-MIB::icmpInTimeExcds.0 0
IP-MIB::icmpInParmProbs.0 0
IP-MIB::icmpInSrcQuenchs.0 0
IP-MIB::icmpInRedirects.0 0
IP-MIB::icmpInEchos.0 18
IP-MIB::icmpInEchoReps.0 5
IP-MIB::icmpInTimestamps.0 0
IP-MIB::icmpInTimestampReps.0 0
IP-MIB::icmpInAddrMasks.0 0
IP-MIB::icmpInAddrMaskReps.0 0
IP-MIB::icmpOutMsgs.0 21
IP-MIB::icmpOutErrors.0 0
IP-MIB::icmpOutDestUnreachs.0 3
IP-MIB::icmpOutTimeExcds.0 0
IP-MIB::icmpOutParmProbs.0 0
IP-MIB::icmpOutSrcQuenchs.0 0
IP-MIB::icmpOutRedirects.0 0
IP-MIB::icmpOutEchos.0 0
IP-MIB::icmpOutEchoReps.0 18
IP-MIB::icmpOutTimestamps.0 0
IP-MIB::icmpOutTimestampReps.0 0
IP-MIB::icmpOutAddrMasks.0 0
IP-MIB::icmpOutAddrMaskReps.0 0
TCP-MIB::tcpRtoAlgorithm.0 1
TCP-MIB::tcpRtoMin.0 200 milliseconds
TCP-MIB::tcpRtoMax.0 120000 milliseconds
TCP-MIB::tcpMaxConn.0 -1
TCP-MIB::tcpActiveOpens.0 2080
TCP-MIB::tcpPassiveOpens.0 5177
TCP-MIB::tcpAttemptFails.0 0
TCP-MIB::tcpEstabResets.0 1966
TCP-MIB::tcpCurrEstab.0 2
TCP-MIB::tcpInSegs.0 2551418
TCP-MIB::tcpOutSegs.0 2116756
TCP-MIB::tcpRetransSegs.0 853
TCP-MIB::tcpInErrs.0 0
TCP-MIB::tcpOutRsts.0 1182
UDP-MIB::udpInDatagrams.0 5545
UDP-MIB::udpNoPorts.0 0
UDP-MIB::udpInErrors.0 0
```

## MIB Code List, continued

```
UDP-MIB::udpOutDatagrams.0 5558
UDP-MIB::udpEndpointProcess.ipv4."0.0.0.0".123.ipv4."0.0.0.0".0.3602387 0
UDP-MIB::udpEndpointProcess.ipv4."0.0.0.0".161.ipv4."0.0.0.0".0.753799 0
UDP-MIB::udpEndpointProcess.ipv4."0.0.0.0".514.ipv4."0.0.0.0".0.2334270 0
UDP-MIB::udpEndpointProcess.ipv4."0.0.0.0".32786.ipv4."0.0.0.0".0.3645531 0
UDP-MIB::udpEndpointProcess.ipv4."10.10.28.242".123.ipv4."0.0.0.0".0.3602392 0
UDP-MIB::udpEndpointProcess.ipv4."127.0.0.1".123.ipv4."0.0.0.0".0.3602389 0
UDP-MIB::udpEndpointProcess.ipv4."169.254.1.1".123.ipv4."0.0.0.0".0.3602391 0
UDP-MIB::udpEndpointProcess.ipv4."169.254.249.1".123.ipv4."0.0.0.0".0.3602390 0
UDP-MIB::udpEndpointProcess.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".123.ipv6."00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00".0.3602388 0
IF-MIB::ifName.1 lo
IF-MIB::ifName.2 eth0
IF-MIB::ifName.3 eth1
IF-MIB::ifName.4 sit0
IF-MIB::ifInMulticastPkts.1 0
IF-MIB::ifInMulticastPkts.2 46256
IF-MIB::ifInMulticastPkts.3 0
IF-MIB::ifInMulticastPkts.4 0
IF-MIB::ifInBroadcastPkts.1 0
IF-MIB::ifInBroadcastPkts.2 0
IF-MIB::ifInBroadcastPkts.3 0
IF-MIB::ifInBroadcastPkts.4 0
IF-MIB::ifOutMulticastPkts.1 0
IF-MIB::ifOutMulticastPkts.2 0
IF-MIB::ifOutMulticastPkts.3 0
IF-MIB::ifOutMulticastPkts.4 0
IF-MIB::ifOutBroadcastPkts.1 0
IF-MIB::ifOutBroadcastPkts.2 0
IF-MIB::ifOutBroadcastPkts.3 0
IF-MIB::ifOutBroadcastPkts.4 0
IF-MIB::ifHCInOctets.1 94944404
IF-MIB::ifHCInOctets.2 1408497161
IF-MIB::ifHCInOctets.3 0
IF-MIB::ifHCInOctets.4 0
IF-MIB::ifHCInUcastPkts.1 1067790
IF-MIB::ifHCInUcastPkts.2 3129884
IF-MIB::ifHCInUcastPkts.3 0
IF-MIB::ifHCInUcastPkts.4 0
IF-MIB::ifHCInMulticastPkts.1 0
IF-MIB::ifHCInMulticastPkts.2 46256
IF-MIB::ifHCInMulticastPkts.3 0
IF-MIB::ifHCInMulticastPkts.4 0
IF-MIB::ifHCInBroadcastPkts.1 0
IF-MIB::ifHCInBroadcastPkts.2 0
IF-MIB::ifHCInBroadcastPkts.3 0
IF-MIB::ifHCInBroadcastPkts.4 0
IF-MIB::ifHCOutOctets.1 94944404
IF-MIB::ifHCOutOctets.2 242826189
IF-MIB::ifHCOutOctets.3 0
IF-MIB::ifHCOutOctets.4 0
IF-MIB::ifHCOutUcastPkts.1 1067790
IF-MIB::ifHCOutUcastPkts.2 1114934
```

*MIB Code List, continued*

```

IF-MIB::ifHCOutUcastPkts.3 0
IF-MIB::ifHCOutUcastPkts.4 0
IF-MIB::ifHCOutMulticastPkts.1 0
IF-MIB::ifHCOutMulticastPkts.2 0
IF-MIB::ifHCOutMulticastPkts.3 0
IF-MIB::ifHCOutMulticastPkts.4 0
IF-MIB::ifHCOutBroadcastPkts.1 0
IF-MIB::ifHCOutBroadcastPkts.2 0
IF-MIB::ifHCOutBroadcastPkts.3 0
IF-MIB::ifHCOutBroadcastPkts.4 0
IF-MIB::ifHighSpeed.1 10
IF-MIB::ifHighSpeed.2 1000
IF-MIB::ifHighSpeed.3 0
IF-MIB::ifHighSpeed.4 0
IF-MIB::ifPromiscuousMode.1 2
IF-MIB::ifPromiscuousMode.2 2
IF-MIB::ifPromiscuousMode.3 2
IF-MIB::ifPromiscuousMode.4 2
IF-MIB::ifConnectorPresent.2 1
IF-MIB::ifConnectorPresent.3 1
IF-MIB::ifConnectorPresent.4 1
IF-MIB::ifAlias.1
IF-MIB::ifAlias.2
IF-MIB::ifAlias.3
IF-MIB::ifAlias.4
IF-MIB::ifCounterDiscontinuityTime.1 0
IF-MIB::ifCounterDiscontinuityTime.2 0
IF-MIB::ifCounterDiscontinuityTime.3 0
IF-MIB::ifCounterDiscontinuityTime.4 0
IF-MIB::ifTableLastChange.0 0
DISMAN-EVENT-MIB::mteResourceSampleMinimum.0 1 seconds
DISMAN-EVENT-MIB::mteResourceSampleInstanceMaximum.0 0 instances
DISMAN-EVENT-MIB::mteResourceSampleInstances.0 0 instances
DISMAN-EVENT-MIB::mteResourceSampleInstancesHigh.0 0 instances
DISMAN-EVENT-MIB::mteResourceSampleInstanceLacks.0 0 instances
DISMAN-EVENT-MIB::mteTriggerFailures.0 0 failures
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_linkUpDown\".1 IF-MIB::ifIndex
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_linkUpDown\".2 IF-MIB::ifAdminStatus
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_linkUpDown\".3 IF-MIB::ifOperStatus
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFail\".1 DISMAN-EVENT-
MIB::mteHotTrigger
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFail\".2 DISMAN-EVENT-
MIB::mteHotTargetName
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFail\".3 DISMAN-EVENT-
MIB::mteHotContextName
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFail\".4 DISMAN-EVENT-MIB::mteHotOID
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFail\".5 DISMAN-EVENT-
MIB::mteFailedReason
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFire\".1 DISMAN-EVENT-
MIB::mteHotTrigger
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFire\".2 DISMAN-EVENT-
MIB::mteHotTargetName
DISMAN-EVENT-MIB::mteObjectsID.\"_snmpd\".\"_triggerFire\".3 DISMAN-EVENT-

```

## MIB Code List, continued

MIB: :mteHotContextName

```

DISMAN-EVENT-MIB::mteObjectsID.\_snmpd\.\_triggerFire\".4 DISMAN-EVENT-MIB::mteHotOID
DISMAN-EVENT-MIB::mteObjectsID.\_snmpd\.\_triggerFire\".5 DISMAN-EVENT-MIB::mteHotValue
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_linkUpDown\".1 1
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_linkUpDown\".2 1
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_linkUpDown\".3 1
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFail\".1 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFail\".2 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFail\".3 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFail\".4 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFail\".5 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFire\".1 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFire\".2 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFire\".3 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFire\".4 2
DISMAN-EVENT-MIB::mteObjectsIDWildcard.\_snmpd\.\_triggerFire\".5 2
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_linkUpDown\".1 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_linkUpDown\".2 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_linkUpDown\".3 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFail\".1 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFail\".2 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFail\".3 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFail\".4 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFail\".5 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFire\".1 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFire\".2 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFire\".3 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFire\".4 1
DISMAN-EVENT-MIB::mteObjectsEntryStatus.\_snmpd\.\_triggerFire\".5 1
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_linkDown\'
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_linkUp\'
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_mteTriggerFailure\'
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_mteTriggerFalling\'
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_mteTriggerFired\'
DISMAN-EVENT-MIB::mteEventComment.\_snmpd\.\_mteTriggerRising\'
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_linkDown\' "80 "
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_linkUp\' "80 "
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_mteTriggerFailure\' "80 "
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_mteTriggerFalling\' "80 "
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_mteTriggerFired\' "80 "
DISMAN-EVENT-MIB::mteEventActions.\_snmpd\.\_mteTriggerRising\' "80 "
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_linkDown\' 1
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_linkUp\' 1
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_mteTriggerFailure\' 1
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_mteTriggerFalling\' 1
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_mteTriggerFired\' 1
DISMAN-EVENT-MIB::mteEventEnabled.\_snmpd\.\_mteTriggerRising\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_linkDown\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_linkUp\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_mteTriggerFailure\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_mteTriggerFalling\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_mteTriggerFired\' 1
DISMAN-EVENT-MIB::mteEventEntryStatus.\_snmpd\.\_mteTriggerRising\' 1

```

*MIB Code List, continued*

```

DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_linkDown\' IF-MIB::linkDown
DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_linkUp\' IF-MIB::linkUp
DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_mteTriggerFailure\' DISMAN-EVENT-
MIB::mteTriggerFailure
DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_mteTriggerFalling\' DISMAN-EVENT-
MIB::mteTriggerFalling
DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_mteTriggerFired\' DISMAN-EVENT-
MIB::mteTriggerFired
DISMAN-EVENT-MIB::mteEventNotification.\"_snmpd\".\'_mteTriggerRising\' DISMAN-EVENT-
MIB::mteTriggerRising
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_linkDown\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_linkUp\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_mteTriggerFailure\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_mteTriggerFalling\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_mteTriggerFired\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjectsOwner.\"_snmpd\".\'_mteTriggerRising\' _snmpd
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_linkDown\' _linkUpDown
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_linkUp\' _linkUpDown
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_mteTriggerFailure\' _
triggerFail
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_mteTriggerFalling\' _
triggerFire
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_mteTriggerFired\' _triggerFire
DISMAN-EVENT-MIB::mteEventNotificationObjects.\"_snmpd\".\'_mteTriggerRising\' _triggerFire
NOTIFICATION-LOG-MIB::nlmConfigGlobalEntryLimit.0 1000
NOTIFICATION-LOG-MIB::nlmConfigGlobalAgeOut.0 1440 minutes
NOTIFICATION-LOG-MIB::nlmStatsGlobalNotificationsLogged.0 0 notifications
NOTIFICATION-LOG-MIB::nlmStatsGlobalNotificationsBumped.0 0 notifications

```