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| H3C MSR Comware 7 MIB Companion |
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# Revision History

| Revision | Date | Author | Reason for Change |
| --- | --- | --- | --- |
| 1.00 | 2015-04-27 | qianjialin | COMWAREV700R001B64D001  1. First draft based COMWAREV700R001B64D001. |
| 1.01 | 2015-04-28 | qianjialin | COMWAREV700R001B64D002  1. Modified description of sysObjectID by qianjialin 04207 for 201504270177 |
| 1.02 | 2015-07-06 | qianjialin | COMWAREV700R001B64D004  1. added hh3cSmsGroup by qianjialin 04207 for 201506290006  2. added hh3cUIMInfoTable by qianjialin 04207 for 201506260209  3. Modified description of hh3cTransceiverCurTXPower and hh3cTransceiverCurRXPower by qianjialin 04207 for 201506260032 |
| 1.03 | 2015-09-08 | qianjialin | COMWAREV700R001B64D006  1. Modified description of sysObjectID and sysDescr by qianjialin 04207 for 201508130031 |
| 1.04 | 2015-09-21 | qianjialin | COMWAREV700R001B64D007  1. Modified description of sysObjectID by qianjialin 04207 for 201509190184  2. Modified description of sysDescr and sysObjectID by qianjialin 04207 for 201509240219  3. Modified description of sysObjectID by qianjialin 04207 for 201509220249 |
| 1.05 | 2015-11-03 | qianjialin | COMWAREV700R001B64D008  1. Modified description of pingCtlTable, hh3cNqajitter ( for UDP-jitter test), pingCtlDataSize, traceRouteCtlDataSize, hh3cNqaCtlJitterAdminNumPackets, hh3cNqaCtlCodecType and hh3cNqaReactThresholdAccumNum; Added hh3cNqajitter (for ICMP-jitter test) by qianjialin 04207 for 201510280129  2. Added hh3cMplsExtVpnStatsTable by qianjialin 04207 for 201510270449  3. Modified description of sysDescr, sysContact, sysName and sysLocation by qianjialin 04207 for 201511090089  4. Modified description of pingCtlDataSize in DISMAN-PING-MIB by qianjialin 04207 for 201510100336  5. Added hh3cAclNamedGroupCategor by qianjialin 04207 for 201412250110 |
| 1.06 | 2015-11-26 | qianjialin | COMWAREV700R001B64D009  1. Modified description of hh3cWirelessCardDescription, hh3cWirelessCardCMIIID by qianjialin 04207 for 201511230068  2. Modified description of hh3cIfShutDownInterval by qianjialin 04207 for 201511130335  3. Deleted hh3cEntityExtVoltageTable by qianjialin 04207 for 201511110558  4. Modified description of sysObjectID by qianjialin 04207 for 201511260479  5. Modified description of sysDescr, sysObjectID, sysContact, sysName, sysLocation by qianjialin 04207 for 201511300254  6. Added hh3cWirelessCardOnlineTable, hh3cWirelessCardModemMode, hh3cWirelessCardCurNetConn, hh3cWirelessCardOnlineTime, hh3cWirelessCardOnlineType, hh3cUIMInfoTable,hh3cUIMIndex, hh3cUIMStatus,hh3cUIMImsi, hh3c3GCdma1xRttBID, hh3c3GCdma1xRttSID, hh3c3GCdma1xRttNID, hh3c3GCdmaEvDoSubNetID, hh3c3GGsmMcc, hh3c3GGsmMnc, hh3cSmsSrcNumberBind, hh3cSmsTimeBind, hh3cSmsEncodeBind, hh3cSmsContentBind, hh3cSmsRxNotifSwitch and hh3cSmsRxNotification of HH3C-3GMODEM-MIB for 201512170123 by wanghongjuan 03816. |
| 1.07 | 2016-1-7 | wanghongjuan | COMWAREV700R001B64D010  1. Added hh3cIfQoSTricolorCarConfigTable, hh3cIfQoSTricolorCarConfigTable, hh3cIfQoSTricolorCarRunInfoTable, hh3cIfQoSGTSConfigTable, hh3cIfQoSGTSConfigTable, hh3cIfQoSGTSRunInfoTable and hh3cIfQoSProcessingStatusObjects of HH3C-IFQOS2-MIB by wanghongjuan for 201510140164  2.Added hh3cIfPortUp and hh3cIfPortDown trap of HH3C-IF-EXT-MIB by wanghongjuan for 201512230582  3.Added hh3cPosaTermianlTcpConnectionNumber of hh3cPosaTerminalStatTable,  Added hh3cPosaNiiStatTable and hh3cPosaE1StatTable in HH3C-POSA-MIB,  Added hh3cPosaTradeSuccessFalling, hh3cPosaE1DailFalling and hh3cPosaFcmTradeAbnormal of HH3C-POSA-MIB trap by wanghongjuan for 201602260061. |
| 1.08 | 2016-3-10 | wanghongjuan | COMWAREV700R001B64D011  1. Modified description of sysObjectID by wanghongjuan 03816 for 201602150466  2. Modified description of sysObjectID by wanghongjuan 03816 for 201603220231 |
| 1.09 | 2016-03-28 | wanghongjuan | COMWAREV700R001B64D012  1. Added hh3cEntityExtSFPAlarmOnEx and hh3cEntityExtSFPAlarmOffEx of HH3C-ENTITY-EXT-MIB trap for 201602260197  2. Modified description of dot1dTpFdbTable by wanghongjuan 03816 for 201603230251  3. Modified description of hh3cdot1qVlanType in HH3C-LswVLAN-MIB by wanghongjuan 03816 for 201603220520  4. Modified description of hh3cQinQv2IfConfigTable in HH3C-PVST-MIB by wanghongjuan 03816 for 201603220489  5.Modified description of hh3cQinQv2ServiceTPID and hh3cQinQv2IfCustomerTPID in HH3C-QINQV2-MIB by wanghongjuan 03816 for 201603220479  6. Modified description of Scalar objects and hh3cLpbkdtPortTable in HH3C-LPBKDT-MIB by wanghongjuan 03816 for 201603160141  7. Modified description of Public MIBs list and Private MIBs list by wanghongjuan 03816 for 201603160179  8. Modified description of hh3cPseProfilePairs in HH3C-POWER-ETH-EXT-MIB and pethPsePortPowerPairs in POWER-ETHERNET-MIB by wanghongjuan 03816 for 201603170730  9. Modified description of hh3cifEthernetAutoSpeed in HH3C-LswINF-MIB by wanghongjuan 03816 for 201604110354  10. Modified description of sysObjectID and sysDescr  by wanghongjuan 03816 for 201604050225, 201604050233 and 201603230208  11. Modified description of hh3cIfQoSLRConfigTable by wanghongjuan 03816 for 201603190074 |
| 1.10 | 2016-05-16 | wanghongjuan | COMWAREV700R001B64D013  1. Modified description of sysObjectID and sysDescr  by wanghongjuan 03816 for 201605060051 |
| 1.11 | 2016-06-20 | wanghongjuan | COMWAREV700R001B64D013SP02  1. Modified description of hh3cFlhPartitionTable in HH3C-FLASH-MAN-MIB by wanghongjuan 03816 for 201605180275  2.Remove the hh3cTunnelIfTable and hh3cTunnelInetConfigTable in HH3C-TUNNEL-MIB by wanghongjuan 03816 for 201606060453  3. modify the description of hh3cIfTable in HH3C-IF-EXT-MIB by wanghongjuan 03816 for 201605310059 |
| 1.12 | 2016-06-23 | wanghongjuan | COMWAREV700R001B64D014  1. Modified description of ifXTable in IF-MIB by wanghongjuan 03816 for 201606170491  2. Modified description of HH3C-PVST-MIB by wanghongjuan 03816 for 201603220137 |
| 1.13 | 2016-06-30 | wanghongjuan | COMWAREV700R001B64D015  1.Modified description of hh3cEntityExtStateTable in HH3C-ENTITY-EXT-MIB by wanghongjuan 03816 for 201606170460  2. Modified description of ifSpecific in IF-MIB by wanghongjuan 03816 for 201606170314  3. Modified description of hh3cIfQoSGTSConfigTable in HH3C-IFQOS2-MIB by wanghongjuan 03816 for 201606160498  4. Modified description of sysContact in RFC1213-MIB by wanghongjuan 03816 for 201606160452  5. Modified description of sysObjectID  by wanghongjuan 03816 for 201607070241 and 201607070529 |
| 1.14 | 2016-08-18 | mazheng | COMWAREV700R001B64D016  1.Modified description of sysObjectID  by mazheng 09624 for 201608020452 |
| 1.15 | 2016-09-30 | mazheng | COMWAREV700R001B64D017  1.Modified description of sysObjectID  by mazheng 09624 for 201608290221 |
| 1.16 | 2016-10-25 | mazheng | COMWAREV700R001B64D018  1.Modified description of iftype in IF-MIB by mazheng 09624 for 201610140349  2. Modified description of hh3cEntityExtStateTable in HH3C-ENTITY-EXT-MIB by mazheng 09624 for 201610140178  3. Modified description of hh3cSmsGroup and hh3c3GModemTrap in HH3C-3GMODEM-MIB by mazheng 09624 for 201610180282 |
| 1.17 | 2016-11-02 | mazheng | COMWAREV700R001B64D019  1.Modified description of hh3cLswSlotTable in HH3C-LSW-DEV-ADM-MIB by mazheng09624 for 201610270091  2. Modified description of hh3cLswSystemPara group in HH3C-LSW-DEV-ADM-MIB by mazheng09624 for 201610260642  3. Modified description of hh3cLswSystemPara group in HH3C-LSW-DEV-ADM-MIB by mazheng09624 for 201610260537  4. Modified description of hh3cIfQoSTricolorCarConfigTable in HH3C-IFQOS2-MIB by mazheng09624 for 201606160433  5.Added hh3cL2vpnAcCfgTable and hh3cL2vpnPwCfgTable in HH3C-L2VPN-MIB by mazheng09624 for 201611010486 |
| 1.18 | 2016-11-12 | zhongchao | COMWAREV700R001B64D019  1.Modified description of hh3cLswSlotPhyMemory in HH3C-LSW-DEV-ADM-MIB by zhongchao12114 for 201611060016 |
| 1.19 | 2016-12-13 | zhongchao | COMWAREV700R001B64D019SP01  1. Modified description of hh3cIfQoSTricolorCarConfigTable (MSR26/36) in HH3C-IFQOS2-MIB by mazheng09624 for 201606160433 |
| 1.20 | 2017-01-16 | zhongchao | COMWAREV700R001B64D021  1. Modified description of hh3cEntityExtStateTable in HH3C-ENTITY-EXT-MIB by zhongchao12114 for [201701130397](javascript:openTab('../DefectDetail/Default/e6abd2e1-c1ef-4fdd-82a3-b962060cbd33',%20'问题单:201701130397');) |
| 1.21 | 2017-03-20 | zhongchao | COMWAREV700R001B64D023  1. Modified description of sysObjectID by zhongchao 12114 for 201703200197 |
| 1.22 | 2017-03-30 | zhongchao | COMWAREV700R001B64D023  1. Modified description of hh3cifXXTable in HH3C-LswINF-MIB by zhongchao12114 for 201611100041 |
| 1.23 | 2017-03-30 | zhongchao | COMWAREV700R001B64D023  1. Modified description of ifMauAutoNegTable in MAU-MIB by zhongchao12114 for 201611090332 |
| 1.24 | 2017-04-25 | zhongchao | COMWAREV700R001B64D024  1.Modified description of Scalar objects of hh3cLswL2InfMibObject in HH3C-LswINF-MIB by zhongchao12114 for 201611100090 |
| 1.25 | 2017-04-25 | zhongchao | COMWAREV700R001B64D024  1.Modified description of hh3cIfTable in HH3C-IF-EXT-MIB by zhongchao12114 for [201610290234](javascript:openTab('../DefectDetail/Default/3a98c576-19f1-44f8-b5c7-f83e5c31ede5',%20'问题单:201610290234');) |
| 1.26 | 2017-05-19 | zhongchao | COMWAREV700R001B64D024  1.Modified description of hh3cPosParamTable in HH3C-PPP-OVER-SONET-MIB by zhongchao12114 for 201608310270 |
| 1.27 | 2017-06-20 | zhongchao | COMWAREV700R001B64D025  1. Modified description of sysObjectID by zhongchao 12114 for 201705110166 |
| 1.28 | 2017-8-29 | zhongchao | COMWAREV700R001B64D026  1. Modified description of sysObjectID by zhongchao 12114 for 201707070628 |
| 1.29 | 2017-10-31 | zhongchao | COMWAREV700R001B64D030  1. Modified description of hh3cNqaReactActionType by zhongchao 12114 for 201710110505 |
| 1.30 | 2017-11-6 | zhongchao | COMWAREV700R001B64D030  1. Modified description of ifTableLastChange by zhongchao 12114 for 201707310520 |
| 1.31 | 2017-11-6 | zhongchao | COMWAREV700R001B64D030  1. Modified description of ospfLsdbApproachingOverflow by zhongchao 12114 for 201707150338 |
| 1.32 | 2018-2-9 | zhongchao | COMWAREV700R001B64D032  1. Modified description of sysObjectID by zhongchao 12114 for 201710310642 |
| 1.33 | 2018-2-9 | zhongchao | COMWAREV700R001B64D032  1. Modified description of sysObjectID by zhongchao 12114 for 201802090434 |
| 1.34 | 2018-2-9 | zhongchao | COMWAREV700R001B64D032  1. Modified description of sysObjectID by zhongchao 12114 for 201802090307 |
| 1.35 | 2018-3-12 | Hening | COMWAREV700R001B64D034  1. Modified description of hh3c3GCdmaEvDoSubNetID by hening hkf5994 for 201712090209  2.Modified description of hh3cLteTxPower by hening hkf5994 for 201712090209 |
| 1.36 | 2018-3-23 | zhongchao | COMWAREV700R001B64D035  1. Added description of HH3C-L2VPN-MIB mib by zhongchao12114 for 201610080421 |
| 1.38 | 2018-9-17 | zhaomeng | COMWAREV700R001B64D040  1. Added description of I HH3C-L2VPN-MIB mib by zhaomeng for 201809120550 |
| 1.39 | 2018-9-21 | zhongchao | COMWAREV700R001B64D040  1. Modified PDS of hh3cEntityExtMemUsageThreshold by zhongchao12114 for 201806090092 |
| 1.39 | 2018-9-21 | zhongchao | COMWAREV700R001B64D040  1. Modified PDS of sysObjectID by zhongchao12114 for 201805030360 |
| 1.40 | 2018-10-18 | zhaomeng | COMWAREV700R001B64D040  1. Add sysObjectID of MSR830-4LM-WiNet and LA4616-X1 by zhaomeng 14372 |
| 1.41 | 2018-10-29 | zhaomeng | COMWAREV700R001B64D041  1. Updated copyright and syscontact by zhaomeng |
| 1.42 | 2018-10-29 | zhaomeng | COMWAREV700R001B64D041  1. Modified PDS ofHH3C-DOMAIN-MIB. by zhaomeng 14372 for 201809210573 |
| 1.42 | 2018-11-26 | zhaomeng | COMWAREV700R001B64 D042  1. add sysObjectID of LA4616-X1-LM by zhaomeng 14372 for 201811150374 |
| 1.43 | 2019-01-09 | zhaomeng | COMWAREV700R001B64D043  1. Add MPLSExtStaticLspTable. by zhaomeng 14372 for 201810270104 |
| 1.44 | 2019-01-15 | zhaomeng | COMWAREV700R001B64D045  1. Modify HH3C-NQA-MIB  . by zhaomeng 14372 for [201803130596](javascript:openTab('../DefectDetail/Default/38d1ee53-89d9-4a8a-96b6-b1623a8095af',%20'问题单:201803130596');) |
| 1.45 | 2019-01-15 | zhaomeng | COMWAREV700R001B64D045  1. Modify HH3C-LSW-DEV-ADM-MIB  . by zhaomeng 14372 for 201712010672 |
| 1.46 | 2019-01-15 | zhaomeng | COMWAREV700R001B64D045  1. add sysObjectID of MER by zhaomeng 14372 |
| 1.47 | 2019-12-26 | zhaomeng | COMWAREV700R001B64D056  1 add sysObjectID of MSR5610-Winet |
| 1.48 | 2019-06-02 | zhaomeng | COMWAREV700R001B64D058SP03  1 Modify Trap for 202005140727 |
| 1.49 | 2020-10-26 | zhaomeng | COMWAREV700R001B64D058SP07  1 Modify Trap for [202009220638](javascript:openTab('../DefectDetail/Default/edffbff5-a042-4f73-99e3-2514db0ed4dc',%20'问题单:202009220638');) |
| 1.50 | 2020-10-27 | zhaomeng | COMWAREV700R001B64D058SP07  1 Modify Trap for 202008270950 |
| 1.51 | 2021-01-11 | zhaomeng | COMWAREV700R001B64D058SP09  1 Modify Trap for 202012300630 |

# Introduction

This document provides information about the management information bases (MIBs) available for the device, including public and private MIBs.

This document also provides information about the notifications available for the device, including standard notifications and private notifications.

# Important information

## About MIB support status

A MIB, table, or scalar object is commented as "Not supported" if it is not supported by the device. To avoid unknown issues, do not access such a MIB, table, or scalar object even if it is accessible.

If a MIB is not supported, its notifications are not supported as well.

For backward compatibility and interoperability with third-party vendors, the software release might contain deprecated or obsolete MIBs. This document lists these MIBs but does not provide detailed information about the MIBs.

## About configuring the device by setting MIB objects

You can configure the device by setting its supported MIB objects. To make sure the values set in MIB objects can be restored correctly in CLI, use the following restrictions and guidelines:

* As a best practice, use visible characters from 0x21 to 0x7E, except for 0x3F, which represents the question mark (?). If you want to use a special character, make sure the CLI supports that character. For example, CLI uses the space for delimitation and uses the question mark for help indication. If a value contains a space or question mark, the CLI might be unable to restore that value.
* Make sure the value set in the MIB object is in the value range supported in the CLI. In rare situations, an MIB object might support a different value range than the CLI. For example, an OCTET STRING type MIB object might support longer strings than the maximum length allowed in the CLI. If the value set in the MIB object exceeds the maximum length allowed in the CLI, the CLI will be unable to restore the value correctly. Conversely, if a value set in the CLI is beyond the value range for the MIB object, the system cannot set that value in the MIB object.

## Using this document

This document describes MIBs in alphabetical order.

Information about scalar and tabular MIB objects is presented in tabular form, as shown in the following example:

| Object (OID) | Access | PDS | Comments |
| --- | --- | --- | --- |
| ifIndex (1.3.6.1.2.1.2.2.1.1) | read-only | Yes | As per MIB |

Table 1 describes the purpose of each column.

* + - * 1. Table field description

| Item | Comments |
| --- | --- |
| Object (OID) | Object name and its OID. |
| Access | ACCESS or MAX-ACCESS value as defined in MIBs. |
| PDS | Permanent data storage. This field describes whether the value in a MIB object can survive a reboot.  PDS status:   * + - * Yes—The value set in the MIB object is automatically saved and can survive a reboot.       * No—The value set in the MIB object cannot survive a reboot. The PDS is always "No" for a MIB object that is Counter, Counter32, or Counter64 type.       * Current—The value set in the MIB object can survive a reboot if it is save, for example, from the CLI. If a save operation is not performed, the value cannot survive a reboot. |
| Comments | Comments on the object, such as a value range.  Typical comments:   * + - * As per MIB—The object is implemented in full compliance with the MIB.       * Not supported— The object is accessible but it is not supported or tested. To avoid unknown issues, do not use such MIB objects. |

# List of public MIBs

|  |  |  |  |
| --- | --- | --- | --- |
| MIB module name | MIB file name | Version | comments |
| ADSL-LINE-MIB | rfc2662-adsl-line.mib | RFC2662 |  |
| BGP4-MIB | rfc4273-bgp4.mib | RFC4273 |  |
| BRIDGE-MIB | rfc1493-bridge.mib | RFC1493 |  |
| DISMAN-EVENT-MIB | rfc2981-disman-event.mib | RFC2981 |  |
| DISMAN-PING-MIB | rfc2925-disman-ping.mib | RFC2925 |  |
| DISMAN-TRACEROUTE-MIB | rfc4560-disman-traceroute.mib | RFC4560 |  |
| ENTITY-MIB | rfc4133-entity.mib | RFC4133 |  |
| EtherLike-MIB | rfc3635-EtherLike.mib | RFC3635 |  |
| FRAME-RELAY-DTE-MIB | rfc2115-frame-relay-dte.mib | rfc2115 |  |
| IEEE8023-LAG-MIB | ieee8023-lag.mib | IEEE8023 |  |
| IF-MIB | rfc2863-if.mib | RFC2863 |  |
| IGMP-STD-MIB | rfc2933-igmp-std.mib | RFC2933 |  |
| IP-FORWARD-MIB | rfc4292-ip-forward.mib | RFC4292 |  |
| IPMCAST-MIB | rfc5132-ipmcast.mib | RFC5132 |  |
| IPV6-MIB | rfc2465-ipv6.mib | RFC2465 |  |
| IPV6-MLD-MIB | rfc3019-ipv6-mld.mib | RFC3019 |  |
| IPV6-ICMP-MIB | rfc2466-ipv6-icmp.mib | RFC2466 |  |
| IPV6-TCP-MIB | rfc2452-ipv6-tcp.mib | RFC2452 |  |
| IPV6-UDP-MIB | rfc2454-ipv6-udp.mib | RFC2454 |  |
| ISIS-MIB | rfc4444-isis.mib | RFC4444 |  |
| LLDP-MIB | lldp.mib | IEEE8021AB |  |
| LLDP-EXT-DOT1-V2-MIB | lldp-ext-dot1-v2.mib | IEEE Std 802.1 AB -2009  IEEE Std 802.1Qaz-2011 |  |
| LLDP-EXT-DOT3-V2-MIB | lldp-ext-dot3-v2.mib | IEEEStd 802.1AB-2009 |  |
| LLDP-EXT-MED-MIB | lldp-ext-med.mib | ANSI/TIA-1057 |  |
| LLDP-V2-MIB | lldp-v2.mib | IEEE Std 802.1AB-2009 |  |
| MAU-MIB | rfc4836-mau.mib | RFC4836 |  |
| MGMD-STD-MIB | rfc5519-mgmd-std.mib | RFC5519 |  |
| MPLS-FRR-FACILITY-STD-MIB | rfc6445-mpls-frr-facility-std.mib | RFC6445 |  |
| MPLS-FRR-GENERAL-STD-MIB | rfc6445-mpls-frr-general-std.mib | RFC6445 |  |
| MPLS-FTN-STD-MIB | rfc3814-mpls-ftn-std.mib | RFC3814 |  |
| MPLS-LDP-STD-MIB | rfc3815-mpls-ldp-std.mib | RFC3815 |  |
| MPLS-LSR-STD-MIB | rfc3813-mpls-lsr-std.mib | RFC3813 |  |
| MPLS-TE-STD-MIB | rfc3812-mpls-te-std.mib | RFC3812 |  |
| OSPF-MIB | rfc4750-ospf.mib | RFC4750 |  |
| OSPF-TRAP-MIB | rfc4750-ospf-trap.mib | RFC4750 |  |
| OSPFV3-MIB | rfc5643-ospfv3.mib | RFC5643 |  |
| P-BRIDGE-MIB | rfc2674-pbridge.mib | RFC2674 |  |
| PIM-BSR-MIB | rfc5240-pim-bsr.mib | RFC5240 |  |
| PIM-STD-MIB | rfc5060-pim-std.mib | RFC5060 |  |
| POWER-ETHERNET-MIB | rfc3621-power-ethernet.mib | RFC3621 |  |
| PPP-IP-NCP-MIB | rfc1473-ppp-ip.mib | RFC1473 |  |
| PPP-LCP-MIB | rfc1471-ppp-lcp.mib | RFC1471 |  |
| PW-ENET-STD-MIB | rfc5603-pw-enet-std.mib | RFC5603 |  |
| PW-MPLS-STD-MIB | rfc5602-pw-mpls-std.mib | RFC5602 |  |
| PW-STD-MIB | rfc5601-pw-std.mib | RFC5601 |  |
| RADIUS-ACC-CLIENT-MIB | rfc2620-radius-acc-client.mib | RFC2620 |  |
| RADIUS-AUTH-CLIENT-MIB | rfc2618-radius-auth-client.mib | RFC2618 |  |
| RFC1213-MIB | rfc1213.mib | RFC1213 |  |
| RIPv2-MIB | rfc1724-rip.mib | RFC1724 |  |
| RMON-MIB | rfc2819-rmon.mib | RFC2819 |  |
| RMON2-MIB | rfc4502-rmon.mib | RFC4502 |  |
| SFLOW-MIB | sflow.mib | sFlow Version 5 |  |
| SNMP-FRAMEWORK-MIB | rfc2571-snmp-framework.mib | RFC2571 |  |
| SNMP-MPD-MIB | rfc2572-snmp-mpd.mib | RFC2572 |  |
| SNMP-NOTIFICATION-MIB | rfc3413-snmp-notification.mib | RFC3413 |  |
| SNMP-TARGET-MIB | rfc2573-snmp-target.mib | RFC2573 |  |
| SNMP-USER-BASED-SM-MIB | rfc3414-snmp-usm.mib | RFC3414 |  |
| SNMP-USM-AES-MIB | rfc3826-snmp-usm-aes.mib | RFC3826 |  |
| SNMP-VIEW-BASED-ACM-MIB | rfc3415-snmp-vacm.mib | RFC3415 |  |
| SNMPv2-MIB | rfc3418-snmpv2.mib | RFC3418 |  |
| TCP-MIB | rfc4022-tcp.mib | RFC4022 |  |
| TE-MIB | rfc3970-te.mib | RFC3970 |  |
| UDP-MIB | rfc4113-udp.mib | RFC4113 |  |
| VRRP-MIB | rfc2787-vrrp.mib | RFC2787 |  |

# List of private MIBs

|  |  |  |  |
| --- | --- | --- | --- |
| MIB module name | MIB file name | Version | comments |
| HH3C-3GMODEM-MIB | hh3c-3gmodem.mib | V1.5 |  |
| HH3C-ACL-MIB | hh3c-acl.mib | V3.3 |  |
| HH3C-BFD-STD-MIB | hh3c-bfd-std.mib | V1.1 |  |
| HH3C-CBQOS2-MIB | hh3c-cbqos2.mib | V1.8 |  |
| HH3C-COMMON-SYSTEM-MIB | hh3c-common-system.mib | V2.7 |  |
| HH3C-CONFIG-MAN-MIB | hh3c-config-man.mib | V2.6 |  |
| HH3C-DHCP-SNOOP2-MIB | hh3c-dhcp-snoop2.mib | V1.0 |  |
| HH3C-DHCP4-MIB | hh3c-dhcp4.mib | V1.3 |  |
| HH3C-DNS-MIB | hh3c-dns.mib | V1.0 |  |
| HH3C-DOMAIN-MIB | hh3c-domain.mib | V1.8 |  |
| HH3C-E1-MIB | hh3c-e1.mib | V1.2 |  |
| HH3C-E1T1VI-MIB | hh3c-e1t1vi.mib | V1.2 |  |
| HH3C-ENTITY-EXT-MIB | hh3c-entity-ext.mib | V3.1 |  |
| HH3C-ENTRELATION-MIB | hh3c-entrelation.mib | V1.2 |  |
| HH3C-FLASH-MAN-MIB | hh3c-flash-man.mib | V3.3 |  |
| HH3C-IF-EXT-MIB | hh3c-if-ext.mib | V1.8 |  |
| HH3C-IFQOS2-MIB | hh3c-ifqos2.mib | V1.7 |  |
| HH3C-IKE-MONITOR-MIB | hh3c-ike-monitor.mib | V1.4 |  |
| HH3C-INFO-CENTER-MIB | hh3c-infocenter.mib | V1.0 |  |
| HH3C-IP-ADDRESS-MIB | hh3c-ip-address.mib | V1.5 |  |
| HH3C-IPSEC-MONITOR-V2-MIB | hh3c-ipsec-monitor-v2.mib | V1.0 |  |
| HH3C-IPV6-ADDRESS-MIB | hh3c-ipv6-address.mib | V1.0 |  |
| HH3C-LAG-MIB | hh3c-lag.mib | V1.7 |  |
| HH3C-LICENSE-MIB | hh3c-license.mib | V1.0 |  |
| HH3C-LPBKDT-MIB | hh3c-lpbkdt.mib | V1.2 |  |
| HH3C-LSW-DEV-ADM-MIB | hh3c-lsw-dev-adm.mib | V3.64 |  |
| HH3C-LswINF-MIB | hh3c-splat-inf.mib | V3.4 |  |
| HH3C-LswMAM-MIB | hh3c-splat-mam.mib | V2.3 |  |
| HH3C-LswMSTP-MIB | hh3c-splat-mstp.mib | V1.15 |  |
| HH3C-LswVLAN-MIB | hh3c-splat-vlan.mib | V2.1 |  |
| HH3C-MP-V2-MIB | hh3c-mp-v2.mib | V1.0 |  |
| HH3C-MPLSEXT-MIB | hh3c-mplsext.mib | V1.1 |  |
| HH3C-MPLSTE-MIB | hh3c-mplste.mib | V1.0 |  |
| HH3C-NQA-MIB | hh3c-nqa.mib | V1.0 |  |
| HH3C-NTP-MIB | hh3c-ntp.mib | V1.7 |  |
| HH3C-POSA-MIB | hh3c-posa.mib | V1.7 |  |
| HH3C-POWER-ETH-EXT-MIB | hh3c-power-eth-ext.mib | V1.5 |  |
| HH3C-PPP-OVER-SONET-MIB | hh3c-ppp-over-sonet.mib | V1.5 |  |
| HH3C-PVST-MIB | hh3c-pvst.mib | V1.0 |  |
| HH3C-QINQV2-MIB | hh3c-qinqv2.mib | V1.0 |  |
| HH3C-QOS-CAPABILITY-MIB | hh3c-qos-capability.mib | V1.2 |  |
| HH3C-RADIUS-MIB | hh3c-radius.mib | V2.3 |  |
| HH3C-RMON-EXT2-MIB | hh3c-rmon-ext2.mib | V1.0 |  |
| HH3C-SNMP-EXT-MIB | hh3c-snmp-ext.mib | V1.5 |  |
| HH3C-SSH-MIB | hh3c-ssh.mib | V1.3 |  |
| HH3C-STACK-MIB | hh3c-stack.mib | V1.3 |  |
| HH3C-SYS-MAN-MIB | hh3c-sys-man.mib | V2.4 |  |
| HH3C-T1-MIB | hh3c-t1.mib | V1.1 |  |
| HH3C-TRANSCEIVER-INFO-MIB | hh3c-transceiver-info.mib | V1.5 |  |
| HH3C-TRAP-MIB | hh3c-trap.mib | V1.5 |  |
| HH3C-TRNG2-MIB | hh3c-trng2.mib | V1.0 |  |
| HH3C-TUNNEL-MIB | hh3c-tunnel.mib | V1.1 |  |
| HH3C-UI-MAN-MIB | hh3c-ui-man.mib | V1.6 |  |
| HH3C-USER-MIB | hh3c-user.mib | V2.6 |  |
| HH3C-VSI-MIB | hh3c-vsi.mib | V1.5 |  |
| HH3C-VXLAN-MIB | hh3c-vxlan.mib | V1.0 |  |
| HH3C-L2VPN-MIB | hh3c-l2vpn.mib | V1.0 |  |
| HH3C-BPA-MIB | hh3c-bpa.mib | V1.2 |  |

# ADSL-LINE-MIB

An ADSL line will have one entry in the ifTable, whose ifType value is equal to atm(37), and is based on the ADSL line protocol.

## adslLineTable

**OID: 1.3.6.1.2.1.10.94.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| adslLineCoding (1.3.6.1.2.1.10.94.1.1.1.1.1) | read-only | No | Not supported |
| adslLineType (1.3.6.1.2.1.10.94.1.1.1.1.2) | read-only | No | As per MIB |
| adslLineSpecific (1.3.6.1.2.1.10.94.1.1.1.1.3) | read-only | No | Not supported |
| adslLineConfProfile (1.3.6.1.2.1.10.94.1.1.1.1.4) | read-write | No | Not supported |
| adslLineAlarmConfProfile (1.3.6.1.2.1.10.94.1.1.1.1.5) | read-write | No | Not supported |

## adslAtucPhysTable

**OID: 1.3.6.1.2.1.10.94.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| adslAtucInvSerialNumber (1.3.6.1.2.1.10.94.1.1.2.1.1) | read-only | No | Not supported |
| adslAtucInvVendorID (1.3.6.1.2.1.10.94.1.1.2.1.2) | read-only | No | Not supported |
| adslAtucInvVersionNumber (1.3.6.1.2.1.10.94.1.1.2.1.3) | read-only | No | Not supported |
| adslAtucCurrSnrMgn (1.3.6.1.2.1.10.94.1.1.2.1.4) | read-only | No | As per MIB |
| adslAtucCurrAtn (1.3.6.1.2.1.10.94.1.1.2.1.5) | read-only | No | As per MIB |
| adslAtucCurrStatus (1.3.6.1.2.1.10.94.1.1.2.1.6) | read-only | No | Not supported |
| adslAtucCurrOutputPwr (1.3.6.1.2.1.10.94.1.1.2.1.7) | read-only | No | As per MIB |
| adslAtucCurrAttainableRate (1.3.6.1.2.1.10.94.1.1.2.1.8) | read-only | No | As per MIB |

## adslAturPhysTable

**OID: 1.3.6.1.2.1.10.94.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| adslAturInvSerialNumber (1.3.6.1.2.1.10.94.1.1.3.1.1) | read-only | No | Not supported |
| adslAturInvVendorID (1.3.6.1.2.1.10.94.1.1.3.1.2) | read-only | No | Not supported |
| adslAturInvVersionNumber (1.3.6.1.2.1.10.94.1.1.3.1.3) | read-only | No | Not supported |
| adslAturCurrSnrMgn (1.3.6.1.2.1.10.94.1.1.3.1.4) | read-only | No | As per MIB |
| adslAturCurrAtn (1.3.6.1.2.1.10.94.1.1.3.1.5) | read-only | No | As per MIB |
| adslAturCurrStatus (1.3.6.1.2.1.10.94.1.1.3.1.6) | read-only | No | Not supported |
| adslAturCurrOutputPwr (1.3.6.1.2.1.10.94.1.1.3.1.7) | read-only | No | As per MIB |
| adslAturCurrAttainableRate (1.3.6.1.2.1.10.94.1.1.3.1.8) | read-only | No | As per MIB |

## adslAtucChanTable

**OID: 1.3.6.1.2.1.10.94.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| adslAtucChanInterleaveDelay (1.3.6.1.2.1.10.94.1.1.4.1.1) | read-only | No | Not supported |
| adslAtucChanCurrTxRate (1.3.6.1.2.1.10.94.1.1.4.1.2) | read-only | No | As per MIB |
| adslAtucChanPrevTxRate (1.3.6.1.2.1.10.94.1.1.4.1.3) | read-only | No | Not supported |
| adslAtucChanCrcBlockLength (1.3.6.1.2.1.10.94.1.1.4.1.4) | read-only | No | Not supported |

## adslAturChanTable

**OID: 1.3.6.1.2.1.10.94.1.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| adslAturChanInterleaveDelay (1.3.6.1.2.1.10.94.1.1.5.1.1) | read-only | No | Not supported |
| adslAturChanCurrTxRate (1.3.6.1.2.1.10.94.1.1.5.1.2) | read-only | No | As per MIB |
| adslAturChanPrevTxRate (1.3.6.1.2.1.10.94.1.1.5.1.3) | read-only | No | Not supported |
| adslAturChanCrcBlockLength (1.3.6.1.2.1.10.94.1.1.5.1.4) | read-only | No | Not supported |

# BGP4-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| bgpVersion (1.3.6.1.2.1.15.1) | read-only | Yes | As per MIB |
| bgpLocalAs (1.3.6.1.2.1.15.2) | read-only | Current | When the actual value is range from 65536 to 4294967295,the return value will be 23456. |
| bgpIdentifier (1.3.6.1.2.1.15.4) | read-only | Current | As per MIB |

## bgpPeerTable

**OID: 1.3.6.1.2.1.15.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| bgpPeerIdentifier (1.3.6.1.2.1.15.3.1.1) | read-only | No | As per MIB |
| bgpPeerState (1.3.6.1.2.1.15.3.1.2) | read-only | No | As per MIB |
| bgpPeerAdminStatus (1.3.6.1.2.1.15.3.1.3) | read-write | Current | As per MIB |
| bgpPeerNegotiatedVersion (1.3.6.1.2.1.15.3.1.4) | read-only | No | As per MIB |
| bgpPeerLocalAddr (1.3.6.1.2.1.15.3.1.5) | read-only | No | As per MIB |
| bgpPeerLocalPort (1.3.6.1.2.1.15.3.1.6) | read-only | No | As per MIB |
| bgpPeerRemoteAddr (1.3.6.1.2.1.15.3.1.7) | read-only | Current | As per MIB |
| bgpPeerRemotePort (1.3.6.1.2.1.15.3.1.8) | read-only | No | As per MIB |
| bgpPeerRemoteAs (1.3.6.1.2.1.15.3.1.9) | read-only | Current | When the actual value is range from 65536 to 4294967295,the return value will be 23456. |
| bgpPeerInUpdates (1.3.6.1.2.1.15.3.1.10) | read-only | No | As per MIB |
| bgpPeerOutUpdates (1.3.6.1.2.1.15.3.1.11) | read-only | No | As per MIB |
| bgpPeerInTotalMessages (1.3.6.1.2.1.15.3.1.12) | read-only | No | As per MIB |
| bgpPeerOutTotalMessages (1.3.6.1.2.1.15.3.1.13) | read-only | No | As per MIB |
| bgpPeerLastError (1.3.6.1.2.1.15.3.1.14) | read-only | No | As per MIB |
| bgpPeerFsmEstablishedTransitions (1.3.6.1.2.1.15.3.1.15) | read-only | No | As per MIB |
| bgpPeerFsmEstablishedTime (1.3.6.1.2.1.15.3.1.16) | read-only | No | As per MIB |
| bgpPeerConnectRetryInterval (1.3.6.1.2.1.15.3.1.17) | read-write | No | Only support read |
| bgpPeerHoldTime (1.3.6.1.2.1.15.3.1.18) | read-only | No | As per MIB |
| bgpPeerKeepAlive (1.3.6.1.2.1.15.3.1.19) | read-only | No | As per MIB |
| bgpPeerHoldTimeConfigured (1.3.6.1.2.1.15.3.1.20) | read-write | Current | Only support read. |
| bgpPeerKeepAliveConfigured (1.3.6.1.2.1.15.3.1.21) | read-write | Current | Only support read. |
| bgpPeerMinASOriginationInterval (1.3.6.1.2.1.15.3.1.22) | read-write | Current | Range from 1 to 600.  When the actual value is 0,the return value will be 1. |
| bgpPeerMinRouteAdvertisementInterval (1.3.6.1.2.1.15.3.1.23) | read-write | Current | Range from 1 to 600.  When the actual value is 0,the return value will be 1. |
| bgpPeerInUpdateElapsedTime (1.3.6.1.2.1.15.3.1.24) | read-only | No | As per MIB |

## bgpPathAttrTable

Not supported.

## bgp4PathAttrTable

**OID: 1.3.6.1.2.1.15.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| bgp4PathAttrPeer (1.3.6.1.2.1.15.6.1.1) | read-only | No | As per MIB |
| bgp4PathAttrIpAddrPrefixLen (1.3.6.1.2.1.15.6.1.2) | read-only | No | As per MIB |
| bgp4PathAttrIpAddrPrefix (1.3.6.1.2.1.15.6.1.3) | read-only | No | As per MIB |
| bgp4PathAttrOrigin (1.3.6.1.2.1.15.6.1.4) | read-only | No | As per MIB |
| bgp4PathAttrASPathSegment (1.3.6.1.2.1.15.6.1.5) | read-only | No | As per MIB |
| bgp4PathAttrNextHop (1.3.6.1.2.1.15.6.1.6) | read-only | No | As per MIB |
| bgp4PathAttrMultiExitDisc (1.3.6.1.2.1.15.6.1.7) | read-only | No | When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647. |
| bgp4PathAttrLocalPref (1.3.6.1.2.1.15.6.1.8) | read-only | No | When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647. |
| bgp4PathAttrAtomicAggregate (1.3.6.1.2.1.15.6.1.9) | read-only | No | As per MIB |
| bgp4PathAttrAggregatorAS (1.3.6.1.2.1.15.6.1.10) | read-only | No | When the actual value is range from 65536 to 4294967295,the return value will be 23456. |
| bgp4PathAttrAggregatorAddr (1.3.6.1.2.1.15.6.1.11) | read-only | No | As per MIB |
| bgp4PathAttrCalcLocalPref (1.3.6.1.2.1.15.6.1.12) | read-only | No | When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647. |
| bgp4PathAttrBest (1.3.6.1.2.1.15.6.1.13) | read-only | No | As per MIB |
| bgp4PathAttrUnknown (1.3.6.1.2.1.15.6.1.14) | read-only | No | As per MIB |

# BRIDGE-MIB

The corresponding function should be implemented before this MIB is supported.

## Scalar objects of dot1dBase group

**OID: 1.3.6.1.2.1.17.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dBaseBridgeAddress (1.3.6.1.2.1.17.1.1) | read-only | No | As per MIB |
| dot1dBaseNumPorts (1.3.6.1.2.1.17.1.2) | read-only | No | As per MIB |
| dot1dBaseType (1.3.6.1.2.1.17.1.3) | read-only | No | As per MIB |

## dot1dBasePortTable

**OID: 1.3.6.1.2.1.17.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dBasePort (1.3.6.1.2.1.17.1.4.1.1) | read-only | No | As per MIB |
| dot1dBasePortIfIndex (1.3.6.1.2.1.17.1.4.1.2) | read-only | No | As per MIB |
| dot1dBasePortCircuit (1.3.6.1.2.1.17.1.4.1.3) | read-only | No | As per MIB |
| dot1dBasePortDelayExceededDiscards (1.3.6.1.2.1.17.1.4.1.4) | read-only | No | As per MIB |
| dot1dBasePortMtuExceededDiscards (1.3.6.1.2.1.17.1.4.1.5) | read-only | No | As per MIB |

## Scalar objects of dot1dStp group

**OID: 1.3.6.1.2.1.17.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dStpProtocolSpecification (1.3.6.1.2.1.17.2.1) | read-only | No | As per MIB |
| dot1dStpPriority (1.3.6.1.2.1.17.2.2) | read-write | Current | As per MIB |
| dot1dStpTimeSinceTopologyChange (1.3.6.1.2.1.17.2.3) | read-only | No | As per MIB |
| dot1dStpTopChanges (1.3.6.1.2.1.17.2.4) | read-only | No | As per MIB |
| dot1dStpDesignatedRoot (1.3.6.1.2.1.17.2.5) | read-only | No | As per MIB |
| dot1dStpRootCost (1.3.6.1.2.1.17.2.6) | read-only | No | As per MIB |
| dot1dStpRootPort (1.3.6.1.2.1.17.2.7) | read-only | No | As per MIB |
| dot1dStpMaxAge (1.3.6.1.2.1.17.2.8) | read-only | No | As per MIB |
| dot1dStpHelloTime (1.3.6.1.2.1.17.2.9) | read-only | No | As per MIB |
| dot1dStpHoldTime (1.3.6.1.2.1.17.2.10) | read-only | No | As per MIB |
| dot1dStpForwardDelay (1.3.6.1.2.1.17.2.11) | read-only | No | As per MIB |
| dot1dStpBridgeMaxAge (1.3.6.1.2.1.17.2.12) | read-write | Current | As per MIB |
| dot1dStpBridgeHelloTime (1.3.6.1.2.1.17.2.13) | read-write | Current | As per MIB |
| dot1dStpBridgeForwardDelay (1.3.6.1.2.1.17.2.14) | read-write | Current | As per MIB |

## dot1dStpPortTable

**OID: 1.3.6.1.2.1.17.2.15**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dStpPort (1.3.6.1.2.1.17.2.15.1.1) | read-only | No | As per MIB |
| dot1dStpPortPriority (1.3.6.1.2.1.17.2.15.1.2) | read-write | Current | As per MIB |
| dot1dStpPortState (1.3.6.1.2.1.17.2.15.1.3) | read-only | No | As per MIB |
| dot1dStpPortEnable (1.3.6.1.2.1.17.2.15.1.4) | read-write | Current | As per MIB |
| dot1dStpPortPathCost (1.3.6.1.2.1.17.2.15.1.5) | read-write | Current | The node only correctly support IEEE802.1d-1990 path cost standard whose range is 1 to 65535. If path cost of the port in other path cost standard is larger than 65535 , the value of the node is 65535. |
| dot1dStpPortDesignatedRoot (1.3.6.1.2.1.17.2.15.1.6) | read-only | No | As per MIB |
| dot1dStpPortDesignatedCost (1.3.6.1.2.1.17.2.15.1.7) | read-only | No | As per MIB |
| dot1dStpPortDesignatedBridge (1.3.6.1.2.1.17.2.15.1.8) | read-only | No | As per MIB |
| dot1dStpPortDesignatedPort (1.3.6.1.2.1.17.2.15.1.9) | read-only | No | As per MIB |
| dot1dStpPortForwardTransition (1.3.6.1.2.1.17.2.15.1.10) | read-only | No | As per MIB |

## Scalar objects of dot1dTp group

**OID: 1.3.6.1.2.1.17.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dTpAgingTime (1.3.6.1.2.1.17.4.2) | read-write | Current | As per MIB |

## dot1dTpFdbTable

**OID: 1.3.6.1.2.1.17.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dTpFdbAddress (1.3.6.1.2.1.17.4.3.1.1) | read-only | Current | Not supported |
| dot1dTpFdbPort (1.3.6.1.2.1.17.4.3.1.2) | read-only | Current | Not supported |
| dot1dTpFdbStatus (1.3.6.1.2.1.17.4.3.1.3) | read-only | Current | Not supported |

# DISMAN-EVENT-MIB

rfc2981-disman-event.mib

## mteResource Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteResourceSampleMinimum  (1.3.6.1.2.1.88.1.1.1) | read-write | Current | As per MIB |
| mteResourceSampleInstanceMaximum  (1.3.6.1.2.1.88.1.1.2) | read-write | Current | As per MIB |
| mteResourceSampleInstances  (1.3.6.1.2.1.88.1.1.3) | read-only | No | As per MIB |
| mteResourceSampleInstancesHigh  (1.3.6.1.2.1.88.1.1.4) | read-only | No | As per MIB |
| mteResourceSampleInstanceLacks  (1.3.6.1.2.1.88.1.1.5) | read-only | No | As per MIB |

## mteTrigger Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteTriggerFailures  (1.3.6.1.2.1.88.1.2.1) | read-only | No | As per MIB |

## mteTriggerTable

**OID: 1.3.6.1.2.1.88.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteOwner (1.3.6.1.2.1.88.1.2.2.1.1) | not-accessible | No | Only support SNMP v3 user, and it must be the current operator. |
| mteTriggerName (1.3.6.1.2.1.88.1.2.2.1.2) | not-accessible | No | As per MIB |
| mteTriggerComment (1.3.6.1.2.1.88.1.2.2.1.3) | read-create | Current | The spaces before and after the trigger comment will be removed automatically. |
| mteTriggerTest (1.3.6.1.2.1.88.1.2.2.1.4) | read-create | Current | As per MIB |
| mteTriggerSampleType (1.3.6.1.2.1.88.1.2.2.1.5) | read-create | Current | As per MIB |
| mteTriggerValueID  (1.3.6.1.2.1.88.1.2.2.1.6) | read-create | Current | Only support leaf,column, table,row,and father of the leaf node. |
| mteTriggerValueIDWildcard  (1.3.6.1.2.1.88.1.2.2.1.7) | read-create | Current | As per MIB |
| mteTriggerTargetTag  (1.3.6.1.2.1.88.1.2.2.1.8) | read-create | Current | Only support read, can not be modified. |
| mteTriggerContextName  (1.3.6.1.2.1.88.1.2.2.1.9) | read-create | Current | OCTET STRING (0..32) |
| mteTriggerContextNameWildcard  (1.3.6.1.2.1.88.1.2.2.1.10) | read-create | Current | As per MIB |
| mteTriggerFrequency  (1.3.6.1.2.1.88.1.2.2.1.11) | read-create | Current | Not support value of zero. |
| mteTriggerObjectsOwner  (1.3.6.1.2.1.88.1.2.2.1.12) | read-create | Current | As per MIB |
| mteTriggerObjects  (1.3.6.1.2.1.88.1.2.2.1.13) | read-create | Current | As per MIB |
| mteTriggerEnabled  (1.3.6.1.2.1.88.1.2.2.1.14) | read-create | Current | Only support read, can not be modified. The value is 'true' when the mteTriggerEntryStatus is active. |
| mteTriggerEntryStatus  (1.3.6.1.2.1.88.1.2.2.1.15) | read-create | Current | As per MIB |

## mteTriggerDeltaTable

**OID: 1.3.6.1.2.1.88.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteTriggerDeltaDiscontinuityID (1.3.6.1.2.1.88.1.2.3.1.1) | read-write | Current | Not support |
| mteTriggerDeltaDiscontinuityIDWildcard  (1.3.6.1.2.1.88.1.2.3.1.2) | read-write | Current | Not support |
| mteTriggerDeltaDiscontinuityIDType (1.3.6.1.2.1.88.1.2.3.1.3) | read-write | Current | Not support |

## mteTriggerExistenceTable

**OID: 1.3.6.1.2.1.88.1.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteTriggerExistenceTest (1.3.6.1.2.1.88.1.2.4.1.1) | read-write | Current | As per MIB |
| mteTriggerExistenceStartup (1.3.6.1.2.1.88.1.2.4.1.2) | read-write | Current | As per MIB |
| mteTriggerExistenceObjectsOwner  (1.3.6.1.2.1.88.1.2.4.1.3) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerExistenceObjects (1.3.6.1.2.1.88.1.2.4.1.4) | read-write | Current | As per MIB |
| mteTriggerExistenceEventOwner  (1.3.6.1.2.1.88.1.2.4.1.5) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerExistenceEvent (1.3.6.1.2.1.88.1.2.4.1.6) | read-write | Current | As per MIB |

## mteTriggerBooleanTable

**OID: 1.3.6.1.2.1.88.1.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteTriggerBooleanComparison  (1.3.6.1.2.1.88.1.2.5.1.1) | read-write | Current | As per MIB |
| mteTriggerBooleanValue  (1.3.6.1.2.1.88.1.2.5.1.2) | read-write | Current | As per MIB |
| mteTriggerBooleanStartup (1.3.6.1.2.1.88.1.2.5.1.3) | read-write | Current | As per MIB |
| mteTriggerBooleanObjectsOwner (1.3.6.1.2.1.88.1.2.5.1.4) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerBooleanObjects  (1.3.6.1.2.1.88.1.2.5.1.5) | read-write | Current | As per MIB |
| mteTriggerBooleanEventOwner  (1.3.6.1.2.1.88.1.2.5.1.6) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerBooleanEvent  (1.3.6.1.2.1.88.1.2.5.1.7) | read-write | Current | As per MIB |

## mteTriggerThresholdTable

**OID: 1.3.6.1.2.1.88.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteTriggerThresholdStartup (1.3.6.1.2.1.88.1.2.6.1.1) | read-write | Current | As per MIB |
| mteTriggerThresholdRising (1.3.6.1.2.1.88.1.2.6.1.2) | read-write | Current | As per MIB |
| mteTriggerThresholdFalling (1.3.6.1.2.1.88.1.2.6.1.3) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaRising  (1.3.6.1.2.1.88.1.2.6.1.4) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaFalling  (1.3.6.1.2.1.88.1.2.6.1.5) | read-write | Current | As per MIB |
| mteTriggerThresholdObjectsOwner  (1.3.6.1.2.1.88.1.2.6.1.6) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerThresholdObjects (1.3.6.1.2.1.88.1.2.6.1.7) | read-write | Current | As per MIB |
| mteTriggerThresholdRisingEventOwner  (1.3.6.1.2.1.88.1.2.6.1.8) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteTriggerThresholdRisingEvent  (1.3.6.1.2.1.88.1.2.6.1.9) | read-write | Current | As per MIB |
| mteTriggerThresholdFallingEventOwner  (1.3.6.1.2.1.88.1.2.6.1.10) | read-write | Current | As per MIB |
| mteTriggerThresholdFallingEvent  (1.3.6.1.2.1.88.1.2.6.1.11) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaRisingEventOwner  (1.3.6.1.2.1.88.1.2.6.1.12) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaRisingEvent  (1.3.6.1.2.1.88.1.2.6.1.13) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaFallingEventOwner  (1.3.6.1.2.1.88.1.2.6.1.14) | read-write | Current | As per MIB |
| mteTriggerThresholdDeltaFallingEvent  (1.3.6.1.2.1.88.1.2.6.1.15) | read-write | Current | As per MIB |

## mteObjectsTable

**OID: 1.3.6.1.2.1.88.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteObjectsName (1.3.6.1.2.1.88.1.3.1.1.1) | not-accessible | No | As per MIB |
| mteObjectsIndex (1.3.6.1.2.1.88.1.3.1.1.2) | not-accessible | No | As per MIB |
| mteObjectsID (1.3.6.1.2.1.88.1.3.1.1.3) | read-create | Current | Only support leaf,column, table,row,and father of the leaf node. |
| mteObjectsIDWildcard (1.3.6.1.2.1.88.1.3.1.1.4) | read-create | Current | As per MIB |
| mteObjectsEntryStatus (1.3.6.1.2.1.88.1.3.1.1.5) | read-create | Current | Only support createAndGo,active and destroy. |

## mteEvent Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteEventFailures (1.3.6.1.2.1.88.1.4.1) | read-only | No | As per MIB |

## mteEventTable

**OID: 1.3.6.1.2.1.88.1.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteEventName (1.3.6.1.2.1.88.1.4.2.1.1) | not-accessible | No | As per MIB |
| mteEventComment (1.3.6.1.2.1.88.1.4.2.1.2) | read-create | Current | The spaces before and after the event comment will be removed automatically. |
| mteEventActions (1.3.6.1.2.1.88.1.4.2.1.3) | read-create | Current | As per MIB |
| mteEventEnabled (1.3.6.1.2.1.88.1.4.2.1.4) | read-create | Current | Only support read, can not be modified. The value is 'true' when the mteEventEntryStatus is active. |
| mteEventEntryStatus (1.3.6.1.2.1.88.1.4.2.1.5) | read-create | Current | As per MIB |

## mteEventNotificationTable

**OID: 1.3.6.1.2.1.88.1.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteEventNotification (1.3.6.1.2.1.88.1.4.3.1.1) | read-write | Current | As per MIB |
| mteEventNotificationObjectsOwner  (1.3.6.1.2.1.88.1.4.3.1.2) | read-write | Current | Only support SNMP v3 user, and it must be the same as the mteOwner. |
| mteEventNotificationObjects (1.3.6.1.2.1.88.1.4.3.1.3) | read-write | Current | As per MIB |

## mteEventSetTable

**OID: 1.3.6.1.2.1.88.1.4.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mteEventSetObject (1.3.6.1.2.1.88.1.4.4.1.1) | read-write | Current | Only support leaf,column, table,row,and father of the leaf node. |
| mteEventSetObjectWildcard (1.3.6.1.2.1.88.1.4.4.1.2) | read-write | Current | As per MIB |
| mteEventSetValue (1.3.6.1.2.1.88.1.4.4.1.3) | read-write | Current | As per MIB |
| mteEventSetTargetTag (1.3.6.1.2.1.88.1.4.4.1.4) | read-write | Current | Only support read, can not be modified. |
| mteEventSetContextName (1.3.6.1.2.1.88.1.4.4.1.5) | read-write | Current | OCTET STRING (0..32) |
| mteEventSetContextNameWildcard  (1.3.6.1.2.1.88.1.4.4.1.6) | read-write | Current | As per MIB |

# DISMAN-PING-MIB

This MIB should be supported by device which implements disman ping function. This MIB cannot mix using with CLI.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pingMaxConcurrentRequests (1.3.6.1.2.1.80.1.1) | read-only | Current | As Per MIB |

## pingCtlTable

**OID: 1.3.6.1.2.1.80.1.2**

* 1. The parameter which is not supported by the corresponding pingCtlType cannot be configured.
  2. When creating a test entry, the default value of pingCtlType is pingIcmpEcho. Once created, pingCtlType cannot be changed, so pingCtlType must be set as the entry created.
  3. When creating an entry, if the parameter which is not supported by the corresponding pingCtlType is set, the operation will be failed.
  4. Any of the configurations in pingCtlTable changed, the corresponding results, histories and statistics will be cleared, except the following objects:

pingCtlTrapGeneration,

pingCtlTrapProbeFailureFilter,

pingCtlTrapTestFailureFilter,

pingCtlDescr,

pingCtlMaxRows(If the value of this object is smaller than the previous value, the redundant histories records will be deleted.)

The results, histories and statistics must be the factual reflection of the test results of current configurations.

Users will be puzzled when they get the results which caused by the previous configurations.

* 1. pingCtlTargetAddressType and pingCtlTargetAddress must be modified together.
  2. pingCtlSourceAddressType and pingCtlSourceAddress must be modified together.
  3. If the parameter which is not supported by the corresponding pingCtlType is read, the result is invalid.

The following objects are supported by all pingCtlTypes:

pingCtlOwnerIndex, pingCtlTestName, pingCtlTimeOut,

pingCtlAdminStatus, pingCtlFrequency,

pingCtlStorageType, pingCtlTrapGeneration, pingCtlType, pingCtlDescr, pingCtlRowStatus

Other objects are supported by part of pingCtlTypes.

The relationship between these objects and corresponding pingCtlType are described in the following table:

|  |  |
| --- | --- |
| **Value of pingCtlType** | **Support parameters** |
| pingIcmpEcho | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlDataSize  pingCtlDataFill  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlIfIndex  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| pingUdpEcho  hh3cNqaUdpEcho or hh3cpingUdpEcho | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlDataSize  pingCtlDataFill  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| pingSnmpQuery | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| pingTcpConnectionAttempt  hh3cNqaTcpconnect or  hh3cpingTcpconnect | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| hh3cNqajitter ( for UDP-jitter test)  hh3cNqaCtlCodecType is defined as notDefined(1) | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlDataSize  pingCtlDataFill  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount |
| hh3cNqajitter (for voice test)  hh3cNqaCtlCodecType is defined as g711Alaw(2)、g711Ulaw(3) or g729A(4) | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlDataSize  pingCtlDataFill  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount(only 1 is legal) |
| hh3cNqajitter (for ICMP-jitter test)  hh3cNqaCtlCodecType is defined as  icmpTimestamp(5) | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount |
| hh3cNqaHttp | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| hh3cNqadlsw | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |
| hh3cNqadhcp | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter  pingCtlIfIndex |
| hh3cNqaftp | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pingCtlOwnerIndex (1.3.6.1.2.1.80.1.2.1.1) | not-accessible | Current | The uppercase letters in this string will be converted to lowercase letters in setting operation. The value of this object cannot contain ‘-‘. |
| pingCtlTestName (1.3.6.1.2.1.80.1.2.1.2) | not-accessible | Current | The uppercase letters in this string will be converted to lowercase letters in setting operation. The value of this object cannot contain ‘-‘. |
| pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3) | read-create | Current | Only support ipv4(1) and unknown(0) and dns(16). |
| pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4) | read-create | Current | If the value of pingCtlTargetAddressType is ipv4(1), the value of this object must be ipv4 address.  If the value of pingCtlTargetAddressType is dns(16),the value of this object can be host name.  If the value of pingCtlTargetAddressType is unknown(0), the value of this object must be zero-length string. |
| pingCtlDataSize (1.3.6.1.2.1.80.1.2.1.5) | read-create | Current | An IP packet has a maximum size of 65507 octets, not including the size of the ICMP or UDP header (both 8 octets) and the size of the IP header (20 octets). 0 octets means system use the default packet size.  When doing icmp or udp test, the range is from 20 to 65507. When doing JITTER test, the range is from 68 to 65507 and the default value is 100.  When doing voice test, the range is from 16 to 65507, and if the codec-type is g711a or g711u, the default value is 172, or else the default value is 32. |
| pingCtlTimeOut (1.3.6.1.2.1.80.1.2.1.6) | read-create | Current | If the value is not times of seconds(set by CLI), the result of reading operation is inaccurate.  Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s.  If the value exceeds 60s(set by CLI), the result of reading operation is 60s.  When doing voice test, default value is 5s, or else the default value is 3s |
| pingCtlProbeCount (1.3.6.1.2.1.80.1.2.1.7) | read-create | Current | For voice test, the value of this object only can set 1 |
| pingCtlAdminStatus (1.3.6.1.2.1.80.1.2.1.8) | read-create | Current | As per MIB |
| pingCtlDataFill (1.3.6.1.2.1.80.1.2.1.9) | read-create | Current | The length of this object is from 0 to 200. |
| pingCtlFrequency (1.3.6.1.2.1.80.1.2.1.10) | read-create | Current | Range from 0 to 604800  If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate.  Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s.  When doing voice test, default value is 60s, or else the default value is 0s.  If the value of this object is 0, statistics will not be created. |
| pingCtlMaxRows (1.3.6.1.2.1.80.1.2.1.11) | read-create | Current | Range from 0 to 50. |
| pingCtlStorageType (1.3.6.1.2.1.80.1.2.1.12) | read-only | Current | As per MIB |
| pingCtlTrapGeneration (1.3.6.1.2.1.80.1.2.1.13) | read-create | Current | ICMP-jitter, voice and UDP-jitter tests support only pingTestCompleted(2). |
| pingCtlTrapProbeFailureFilter (1.3.6.1.2.1.80.1.2.1.14) | read-create | Current | Range from 1 to 15.  This object cannot be configured before the corresponding type(probeFailure) in pingCtlTrapGeneration is specified.  If the value of pingCtlTrapGeneration does not contain probeFailure, the value of this object is 1.  For voice test, this object is invalid. |
| pingCtlTrapTestFailureFilter (1.3.6.1.2.1.80.1.2.1.15) | read-create | Current | Range from 1 to 15.  This object cannot be configured before the corresponding type(testFailure) in pingCtlTrapGeneration is specified.  If the value of pingCtlTrapGeneration does not contain testFailure, the value of this object is 1.  For voice test, this object is invalid. |
| pingCtlType (1.3.6.1.2.1.80.1.2.1.16) | read-create | Current | Cannot be modified after creation. |
| pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17) | read-create | Current | The length of this object is from 0 to 200. The value cannot begin with space. |
| pingCtlSourceAddressType (1.3.6.1.2.1.80.1.2.1.18) | read-create | Current | Only support ipv4(1) and unknown(0).  Default value is unknown(0). |
| pingCtlSourceAddress (1.3.6.1.2.1.80.1.2.1.19) | read-create | Current | If the value of pingCtlSourceAddressType is ipv4(1), the value of this object must be ipv4 address.  If the value of pingCtlSourceAddressType is unknown(0), the value of this object must be zero-length string. |
| pingCtlIfIndex (1.3.6.1.2.1.80.1.2.1.20) | read-create | Current | As per MIB |
| pingCtlByPassRouteTable (1.3.6.1.2.1.80.1.2.1.21) | read-create | Current | As per MIB |
| pingCtlDSField (1.3.6.1.2.1.80.1.2.1.22) | read-create | Current | As per MIB |
| pingCtlRowStatus (1.3.6.1.2.1.80.1.2.1.23) | read-create | No | Only support active(1), createAndgo(4) and destroy(6). |

## pingResultsTable

**OID: 1.3.6.1.2.1.80.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pingResultsOperStatus (1.3.6.1.2.1.80.1.3.1.1) | read-only | No | As per MIB |
| pingResultsIpTargetAddressType (1.3.6.1.2.1.80.1.3.1.2) | read-only | No | As per MIB |
| pingResultsIpTargetAddress (1.3.6.1.2.1.80.1.3.1.3) | read-only | No | As per MIB |
| pingResultsMinRtt (1.3.6.1.2.1.80.1.3.1.4) | read-only | No | As per MIB |
| pingResultsMaxRtt (1.3.6.1.2.1.80.1.3.1.5) | read-only | No | As per MIB |
| pingResultsAverageRtt (1.3.6.1.2.1.80.1.3.1.6) | read-only | No | As per MIB |
| pingResultsProbeResponses (1.3.6.1.2.1.80.1.3.1.7) | read-only | No | As per MIB |
| pingResultsSentProbes (1.3.6.1.2.1.80.1.3.1.8) | read-only | No | As per MIB |
| pingResultsRttSumOfSquares (1.3.6.1.2.1.80.1.3.1.9) | read-only | No | As per MIB |
| pingResultsLastGoodProbe (1.3.6.1.2.1.80.1.3.1.10) | read-only | No | As per MIB |

## pingProbeHistoryTable

**OID: 1.3.6.1.2.1.80.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pingProbeHistoryIndex (1.3.6.1.2.1.80.1.4.1.1) | not-accessible | No | As per MIB |
| pingProbeHistoryResponse (1.3.6.1.2.1.80.1.4.1.2) | read-only | No | As per MIB |
| pingProbeHistoryStatus (1.3.6.1.2.1.80.1.4.1.3) | read-only | No | The result of a particular probe done by a remote host. |
| pingProbeHistoryLastRC (1.3.6.1.2.1.80.1.4.1.4) | read-only | No | Not supported |
| pingProbeHistoryTime (1.3.6.1.2.1.80.1.4.1.5) | read-only | No | As per MIB |

# DISMAN-TRACEROUTE-MIB

This MIB should be supported by the device that implements the disman traceroute function. This MIB cannot mix using with CLI.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| traceRouteMaxConcurrentRequests (1.3.6.1.2.1.81.1.1) | read-only | Current | It is the same with pingMaxConcurrentRequests. |

## traceRouteCtlTable

OID: 1.3.6.1.2.1.81.1.2

* 1. When creating a test entry, the default value of traceRouteCtlType is traceRouteUsingUdpProbes. The current traceRouteCtlType only supports traceRouteUsingUdpProbes.
  2. If any of the configurations in traceRouteCtlTable changes, the corresponding results, histories and statistics will be cleared, except the following objects:

traceRouteCtlTrapGeneration

traceRouteCtlDescr

traceRouteCtlMaxRows (If the value of this object has changed to a smaller value, history records beyond the value will be deleted.)

The results, histories and statistics must match the current configurations. If not, users will get confused.

* 1. traceRouteCtlTargetAddressType and traceRouteCtlTargetAddress must be modified together.
  2. traceRouteCtlSourceAddressType and traceRouteCtlSourceAddress must be modified together.
  3. The value of traceRouteCtlOwnerIndex and traceRouteCtlTestName must be different from pingCtlOwnerIndex and pingCtlTestName when creating a new entry.
  4. Any of the configurations in traceRouteCtlTable cannot be changed when the traceRouteCtlAdminStatus is enabled.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| traceRouteCtlOwnerIndex (1.3.6.1.2.1.81.1.2.1.1) | not-accessible | Current | The uppercase letters in this string will be converted to lowercase letters in a setting operation. The value of this object cannot contain hyphens (-) or question marks (?). |
| traceRouteCtlTestName (1.3.6.1.2.1.81.1.2.1.2) | not-accessible | Current | The uppercase letters in this string will be converted to lowercase letters in a setting operation. The value of this object cannot contain hyphens (-) or question marks (?). |
| traceRouteCtlTargetAddressType (1.3.6.1.2.1.81.1.2.1.3) | read-create | Current | Only supports ipv4(1) and unknown(0). |
| traceRouteCtlTargetAddress (1.3.6.1.2.1.81.1.2.1.4) | read-create | Current | If the value of traceRouteCtlTargetAddressType is ipv4(1), the value of this object must be an IPv4 address. If the value of traceRouteCtlTargetAddressType is unknown(0), the value of this object must be a zero-length string. |
| traceRouteCtlByPassRouteTable(1.3.6.1.2.1.81.1.2.1.5) | read-create | Current | As per MIB |
| traceRouteCtlDataSize (1.3.6.1.2.1.81.1.2.1.6) | read-create | Current | The range is from 20 to 65507. The default value is 100. |
| traceRouteCtlTimeOut (1.3.6.1.2.1.81.1.2.1.7) | read-create | Current | As per MIB. |
| traceRouteCtlProbePerHop  (1.3.6.1.2.1.81.1.2.1.8) | read-create | Current | As per MIB. |
| traceRouteCtlPort  (1.3.6.1.2.1.81.1.2.1.9) | read-create | Current | As per MIB. |
| traceRouteCtlMaxTtl  (1.3.6.1.2.1.81.1.2.1.10) | read-create | Current | As per MIB. |
| traceRouteCtlDSField  (1.3.6.1.2.1.81.1.2.1.11) | read-create | Current | As per MIB |
| traceRouteCtlSourceAddressType (1.3.6.1.2.1.81.1.2.1.12) | read-create | Current | Only supports ipv4(1) and unknown(0).  Default value is unknown(0). |
| traceRouteCtlSourceAddress (1.3.6.1.2.1.81.1.2.1.13) | read-create | Current | If the value of traceRouteCtlSourceAddressType is ipv4(1), the value of this object must be an IPv4 address.  If the value of traceRouteCtlSourceAddressType is unknown(0), the value of this object must be a zero-length string. |
| traceRouteCtlIfIndex  (1.3.6.1.2.1.81.1.2.1.14) | read-create | Current | As per MIB. |
| traceRouteCtlMiscOptions  (1.3.6.1.2.1.81.1.2.1.15) | read-create | Current | The length of this object is from 0 to 200. The corresponding function is not supported. |
| traceRouteCtlMaxFailures  (1.3.6.1.2.1.81.1.2.1.16) | read-create | Current | As per MIB. |
| traceRouteCtlDontFragment  (1.3.6.1.2.1.81.1.2.1.17) | read-create | Current | As per MIB. |
| traceRouteCtlInitialTtl  (1.3.6.1.2.1.81.1.2.1.18) | read-create | Current | As per MIB. |
| traceRouteCtlFrequency (1.3.6.1.2.1.81.1.2.1.19) | read-create | Current | Range from 0 to 604800  If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate.  Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s.  The default value is 0s. |
| traceRouteCtlStorageType (1.3.6.1.2.1.81.1.2.1.20) | read-create | Current | The corresponding function is not supported. |
| traceRouteCtlAdminStatus (1.3.6.1.2.1.81.1.2.1.21) | read-create | Current | As per MIB |
| traceRouteCtlDescr (1.3.6.1.2.1.81.1.2.1.22) | read-create | Current | The length of this object is from 0 to 200. The value cannot start with space. |
| traceRouteCtlMaxRows (1.3.6.1.2.1.81.1.2.1.23) | read-create | Current | Ranges from 0 to 50. |
| traceRouteCtlTrapGeneration (1.3.6.1.2.1.81.1.2.1.24) | read-create | Current | As per MIB. |
| traceRouteCtlCreateHopsEntries(1.3.6.1.2.1.81.1.2.1.25) | read-create | Current | As per MIB. |
| traceRouteCtlType (1.3.6.1.2.1.81.1.2.1.26) | read-create | Current | Can not be modified after creation. |
| traceRouteCtlRowStatus (1.3.6.1.2.1.81.1.2.1.27) | read-create | Current | Only supports active(1), createAndgo(4) and destroy(6). |

## traceRouteResultsTable

**OID: 1.3.6.1.2.1.81.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| traceRouteResultsOperStatus (1.3.6.1.2.1.81.1.3.1.1) | read-only | No | As per MIB |
| traceRouteResultsCurHopCount (1.3.6.1.2.1.81.1.3.1.2) | read-only | No | As per MIB |
| traceRouteResultsCurProbeCount (1.3.6.1.2.1.81.1.3.1.3) | read-only | No | As per MIB |
| traceRouteResultsIpTgtAddrType (1.3.6.1.2.1.81.1.3.1.4) | read-only | No | As per MIB |
| traceRouteResultsIpTgtAddr (1.3.6.1.2.1.81.1.3.1.5) | read-only | No | As per MIB |
| traceRouteResultsTestAttempts (1.3.6.1.2.1.81.1.3.1.6) | read-only | No | As per MIB |
| traceRouteResultsTestSuccesses (1.3.6.1.2.1.81.1.3.1.7) | read-only | No | As per MIB |
| traceRouteResultsLastGoodPath (1.3.6.1.2.1.81.1.3.1.8) | read-only | No | As per MIB |

## traceRouteProbeHistoryTable

**OID: 1.3.6.1.2.1.81.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| traceRouteProbeHistoryIndex (1.3.6.1.2.1.81.1.4.1.1) | not-accessible | No | As per MIB |
| traceRouteProbeHistoryHopIndex (1.3.6.1.2.1.81.1.4.1.2) | not-accessible | No | As per MIB |
| traceRouteProbeHistoryProbeIndex (1.3.6.1.2.1.81.1.4.1.3) | not-accessible | No | As per MIB |
| traceRouteProbeHistoryHAddrType(1.3.6.1.2.1.81.1.4.1.4) | read-only | No | As per MIB |
| traceRouteProbeHistoryHAddr (1.3.6.1.2.1.81.1.4.1.5) | read-only | No | As per MIB |
| traceRouteProbeHistoryResponse (1.3.6.1.2.1.81.1.4.1.6) | read-only | No | As per MIB |
| traceRouteProbeHistoryStatus (1.3.6.1.2.1.81.1.4.1.7) | read-only | No | As per MIB |
| traceRouteProbeHistoryLastRC (1.3.6.1.2.1.81.1.4.1.8) | read-only | No | As per MIB |
| traceRouteProbeHistoryTime (1.3.6.1.2.1.81.1.4.1.9) | read-only | No | As per MIB |

## traceRouteHopsTable

**OID: 1.3.6.1.2.1.81.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| traceRouteHopsHopIndex (1.3.6.1.2.1.81.1.5.1.1) | not-accessible | No | As per MIB |
| traceRouteHopsIpTgtAddressType (1.3.6.1.2.1.81.1.5.1.2) | read-only | No | As per MIB |
| traceRouteHopsIpTgtAddress (1.3.6.1.2.1.81.1.5.1.3) | read-only | No | As per MIB |
| traceRouteHopsMinRtt (1.3.6.1.2.1.81.1.5.1.4) | read-only | No | As per MIB |
| traceRouteHopsMaxRtt (1.3.6.1.2.1.81.1.5.1.5) | read-only | No | As per MIB |
| traceRouteHopsAverageRtt (1.3.6.1.2.1.81.1.5.1.6) | read-only | No | As per MIB |
| traceRouteHopsRttSumOfSquares (1.3.6.1.2.1.81.1.5.1.7) | read-only | No | As per MIB |
| traceRouteHopsSentProbes (1.3.6.1.2.1.81.1.5.1.8) | read-only | No | As per MIB |
| traceRouteHopsProbeResponses (1.3.6.1.2.1.81.1.5.1.9) | read-only | No | As per MIB |
| traceRouteHopsLastGoodProbe (1.3.6.1.2.1.81.1.5.1.10) | read-only | No | As per MIB |

# ENTITY-MIB

This MIB is supported only when the products support RFC4133.

This chapter describes the information of Entity MIB. The Entity MIB contains five groups of MIB objects: entityPhysical group, entityLogical group, entityMapping group, entityGeneral group and entityNotifications group. Thereinto, the entityPhysical group describes the physical entities managed by a single agent. This group contains a single table to identify physical system components, called the entPhysicalTable. The entPhysicalTable contains one row per physical entity, and must always contain at least one row for an "overall" physical entity, which should have an entPhysicalClass value of 'stack(11)', 'chassis(3)' or 'module(9)'. Each row is indexed by an arbitrary, small integer, and contains a description and type of the physical entity. It also optionally contains the index number of another entPhysicalEntry indicating a containment relationship between the two.

The entityLogical group describes the logical entities managed by a single agent. This group contains a single table to identify logical entities, called the entLogicalTable. The entLogicalTable contains one row per logical entity. Each row is indexed by an arbitrary, small integer and contains a name, description, and type of the logical entity. It also contains information to allow access to the MIB information for the logical entity. This includes SNMP versions that use a community name (with some form of implied context representation) and SNMP versions that use the SNMP ARCH [RFC2571] method of context identification. If a agent represents multiple logical entities with this MIB, then this group must be implemented for all logical entities known to the agent. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this group may be omitted by the agent.

The entityMapping group describes the associations between the physical entities logical entities, interfaces, and non-interface ports managed by a single agent. This group contains three tables to identify associations between different system components. The entLPMappingTable contains mappings between entLogicalIndex values (logical entities) and entPhysicalIndex values (the physical components supporting that entity). A logical entity can map to more than one physical component, and more than one logical entity can map to (share) the same physical component. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this table may be omitted by the agent. The entAliasMappingTable contains mappings between entLogicalIndex, entPhysicalIndex pairs and 'alias' object identifier values. This allows resources managed with other MIBs (e.g., repeater ports, bridge ports, physical and logical interfaces) to be identified in the physical entity hierarchy. Note that each alias identifier isonly relevant in a particular naming scope. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this table may be omitted by the agent. The entPhysicalContainsTable contains simple mappings between 'entPhysicalContainedIn' values for each container/'containee' relationship in the managed system. The indexing of this table allows an NMS to quickly discover the 'entPhysicalIndex' values for all children of a given physical entity.

The entityGeneral group describes general system attributes shared by potentially all types of entities managed by a single agent. This group contains general information relating to the other object groups. At this time, the entGeneral group contains a single scalar object (entLastChangeTime), which represents the value of sysUptime when any part of the Entity MIB configuration last changed.

The entityNotifications group contains status indication notifications. This group contains notification definitions relating to the overall status of the Entity MIB instantiation.

## entPhysicalTable

**OID: 1.3.6.1.2.1.47.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| entPhysicalIndex (1.3.6.1.2.1.47.1.1.1.1.1) | not-accessible | No | As per MIB |
| entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.1.2) | read-only | No | As per MIB |
| entPhysicalVendorType (1.3.6.1.2.1.47.1.1.1.1.3) | read-only | No | All the vendor types are listed in HH3C-ENTITY-VENDORTYPE-OID-MIB. When provided for different company, the value of this object should be described separately. |
| entPhysicalContainedIn (1.3.6.1.2.1.47.1.1.1.1.4) | read-only | No | As per MIB |
| entPhysicalClass (1.3.6.1.2.1.47.1.1.1.1.5) | read-only | No | As per MIB |
| entPhysicalParentRelPos (1.3.6.1.2.1.47.1.1.1.1.6) | read-only | No | As per MIB |
| entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7) | read-only | No | As per MIB |
| entPhysicalHardwareRev (1.3.6.1.2.1.47.1.1.1.1.8) | read-only | No | As per MIB |
| entPhysicalFirmwareRev (1.3.6.1.2.1.47.1.1.1.1.9) | read-only | No | As per MIB |
| entPhysicalSoftwareRev (1.3.6.1.2.1.47.1.1.1.1.10) | read-only | No | As per MIB |
| entPhysicalSerialNum (1.3.6.1.2.1.47.1.1.1.1.11) | read-write | No | Only support read operation |
| entPhysicalMfgName (1.3.6.1.2.1.47.1.1.1.1.12) | read-only | No | As per MIB |
| entPhysicalModelName (1.3.6.1.2.1.47.1.1.1.1.13) | read-only | No | As per MIB |
| entPhysicalAlias (1.3.6.1.2.1.47.1.1.1.1.14) | read-write | Yes | As per MIB |
| entPhysicalAssetID (1.3.6.1.2.1.47.1.1.1.1.15) | read-write | Yes | As per MIB |
| entPhysicalIsFRU (1.3.6.1.2.1.47.1.1.1.1.16) | read-only | No | As per MIB |
| entPhysicalMfgDate (1.3.6.1.2.1.47.1.1.1.1.17) | read-only | No | As per MIB |
| entPhysicalUris (1.3.6.1.2.1.47.1.1.1.1.18) | read-write | No | Only support read operation |

## entLogicalTable

Not supported.

## entLPMappingTable

Not supported.

## entAliasMappingTable

**OID: 1.3.6.1.2.1.47.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| entAliasLogicalIndexOrZero (1.3.6.1.2.1.47.1.3.2.1.1) | not-accessible | No | As per MIB |
| entAliasMappingIdentifier (1.3.6.1.2.1.47.1.3.2.1.2) | read-only | No | As per MIB |

## entPhysicalContainsTable

**OID: 1.3.6.1.2.1.47.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| entPhysicalChildIndex (1.3.6.1.2.1.47.1.3.3.1.1) | read-only | No | As per MIB |

## entityGeneral Group

**OID: 1.3.6.1.2.1.47.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| entLastChangeTime (1.3.6.1.2.1.47.1.4.1) | read-only | No | As per MIB |

# EtherLike-MIB

## dot3StatsTable

**OID: 1.3.6.1.2.1.10.7.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3StatsIndex (1.3.6.1.2.1.10.7.2.1.1) | read-only | Current | As per MIB |
| dot3StatsAlignmentErrors (1.3.6.1.2.1.10.7.2.1.2) | read-only | No | Not supported |
| dot3StatsFCSErrors (1.3.6.1.2.1.10.7.2.1.3) | read-only | No | As per MIB |
| dot3StatsSingleCollisionFrames (1.3.6.1.2.1.10.7.2.1.4) | read-only | No | As per MIB |
| dot3StatsMultipleCollisionFrames (1.3.6.1.2.1.10.7.2.1.5) | read-only | No | As per MIB |
| dot3StatsSQETestErrors (1.3.6.1.2.1.10.7.2.1.6) | read-only | No | As per MIB |
| dot3StatsDeferredTransmissions (1.3.6.1.2.1.10.7.2.1.7) | read-only | No | As per MIB |
| dot3StatsLateCollisions (1.3.6.1.2.1.10.7.2.1.8) | read-only | No | As per MIB |
| dot3StatsExcessiveCollisions (1.3.6.1.2.1.10.7.2.1.9) | read-only | No | As per MIB |
| dot3StatsInternalMacTransmitErrors (1.3.6.1.2.1.10.7.2.1.10) | read-only | No | As per MIB |
| dot3StatsCarrierSenseErrors (1.3.6.1.2.1.10.7.2.1.11) | read-only | No | As per MIB |
| dot3StatsFrameTooLongs (1.3.6.1.2.1.10.7.2.1.13) | read-only | No | As per MIB |
| dot3StatsInternalMacReceiveErrors (1.3.6.1.2.1.10.7.2.1.16) | read-only | No | As per MIB |
| dot3StatsEtherChipSet (1.3.6.1.2.1.10.7.2.1.17) | read-only | Yes | Not supported |
| dot3StatsSymbolErrors (1.3.6.1.2.1.10.7.2.1.18) | read-only | No | As per MIB |
| dot3StatsDuplexStatus (1.3.6.1.2.1.10.7.2.1.19) | read-only | No | As per MIB |
| dot3StatsRateControlAbility  (1.3.6.1.2.1.10.7.2.1.20) | read-only | Current | Not supported |
| dot3StatsRateControlStatus  (1.3.6.1.2.1.10.7.2.1.21) | read-only | Current | Not supported |

## dot3CollTable

**OID: 1.3.6.1.2.1.10.7.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3CollCount (1.3.6.1.2.1.10.7.5.1.2) | not-accessible | No | As per MIB |
| dot3CollFrequencies (1.3.6.1.2.1.10.7.5.1.3) | read-only | No | As per MIB |

## dot3ControlTable

**OID: 1.3.6.1.2.1.10.7.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3ControlFunctionsSupported (1.3.6.1.2.1.10.7.9.1.1) | read-only | Yes | As per MIB |
| dot3ControlInUnknownOpcodes (1.3.6.1.2.1.10.7.9.1.2) | read-only | No | As per MIB |
| dot3HCControlInUnknownOpcodes(1.3.6.1.2.1.10.7.9.1.3) | read-only | No | As per MIB |

## dot3PauseTable

**OID: 1.3.6.1.2.1.10.7.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3PauseAdminMode (1.3.6.1.2.1.10.7.10.1.1) | read-write | Current | Only support read operation |
| dot3PauseOperMode (1.3.6.1.2.1.10.7.10.1.2) | read-only | No | As per MIB |
| dot3InPauseFrames (1.3.6.1.2.1.10.7.10.1.3) | read-only | No | As per MIB |
| dot3OutPauseFrames (1.3.6.1.2.1.10.7.10.1.4) | read-only | No | As per MIB |
| dot3HCInPauseFrames  (1.3.6.1.2.1.10.7.10.1.5) | read-only | No | Not supported |
| dot3HCOutPauseFrames  (1.3.6.1.2.1.10.7.10.1.6) | read-only | No | Not supported |

# FRAME-RELAY-DTE-MIB

## frDlcmiTable

**OID: 1.3.6.1.2.1.10.32.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| frDlcmiIfIndex (1.3.6.1.2.1.10.32.1.1.1) | read-only | Yes | As per MIB |
| frDlcmiState (1.3.6.1.2.1.10.32.1.1.2) | read-create | Current | Support read and write operation. Only support:  lmiRev1 (2)  ansiT1617D (3)  itut933A（5） |
| frDlcmiAddress (1.3.6.1.2.1.10.32.1.1.3) | read-create | Current | Only support read operation  only support:  q922November90(3) |
| frDlcmiAddressLen (1.3.6.1.2.1.10.32.1.1.4) | read-create | Current | Only support read operation  only support:  twoOctets(2) |
| frDlcmiPollingInterval (1.3.6.1.2.1.10.32.1.1.5) | read-create | Current | Only support read operation |
| frDlcmiFullEnquiryInterval (1.3.6.1.2.1.10.32.1.1.6) | read-create | Current | Support read and write operation |
| frDlcmiErrorThreshold (1.3.6.1.2.1.10.32.1.1.7) | read-create | Current | Support read and write operation |
| frDlcmiMonitoredEvents (1.3.6.1.2.1.10.32.1.1.8) | read-create | Current | Support read and write operation |
| frDlcmiMaxSupportedVCs (1.3.6.1.2.1.10.32.1.1.9) | read-create | Current | Only support read operation  The default value is 992 |
| frDlcmiMulticast (1.3.6.1.2.1.10.32.1.1.10) | read-create | No | Only support read operation |
| frDlcmiStatus (1.3.6.1.2.1.10.32.1.1.11) | read-only | No | Only support:  running (1)  fault (2). |
| frDlcmiRowStatus (1.3.6.1.2.1.10.32.1.1.12) | read-create | No | Only support read operation |

## frCircuitTable

**OID: 1.3.6.1.2.1.10.32.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| frCircuitIfIndex (1.3.6.1.2.1.10.32.2.1.1) | read-only | Yes | As per MIB |
| frCircuitDlci (1.3.6.1.2.1.10.32.2.1.2) | read-only | No | As per MIB |
| frCircuitState (1.3.6.1.2.1.10.32.2.1.3) | read-create | No | Only support read operation.  only support:  active (2)  inactive (3) |
| frCircuitReceivedFECNs (1.3.6.1.2.1.10.32.2.1.4) | read-only | No | As per MIB |
| frCircuitReceivedBECNs (1.3.6.1.2.1.10.32.2.1.5) | read-only | No | As per MIB |
| frCircuitSentFrames (1.3.6.1.2.1.10.32.2.1.6) | read-only | No | As per MIB |
| frCircuitSentOctets (1.3.6.1.2.1.10.32.2.1.7) | read-only | No | As per MIB |
| frCircuitReceivedFrames (1.3.6.1.2.1.10.32.2.1.8) | read-only | No | As per MIB |
| frCircuitReceivedOctets (1.3.6.1.2.1.10.32.2.1.9) | read-only | No | As per MIB |
| frCircuitCreationTime (1.3.6.1.2.1.10.32.2.1.10) | read-only | No | As per MIB |
| frCircuitLastTimeChange (1.3.6.1.2.1.10.32.2.1.11) | read-only | No | As per MIB |
| frCircuitCommittedBurst (1.3.6.1.2.1.10.32.2.1.12) | read-create | No | Range from 300 to 16000000. |
| frCircuitExcessBurst (1.3.6.1.2.1.10.32.2.1.13) | read-create | No | Range from 0 to 16000000. |
| frCircuitThroughput (1.3.6.1.2.1.10.32.2.1.14) | read-create | No | Range from 1000 to 45000000 |
| frCircuitMulticast (1.3.6.1.2.1.10.32.2.1.15) | read-create | No | Only support read operation  Only support:  unicast(1)  nWay(4) . |
| frCircuitType (1.3.6.1.2.1.10.32.2.1.16) | read-only | No | As per MIB |
| frCircuitDiscards (1.3.6.1.2.1.10.32.2.1.17) | read-only | No | As per MIB |
| frCircuitReceivedDEs (1.3.6.1.2.1.10.32.2.1.18) | read-only | No | As per MIB |
| frCircuitSentDEs (1.3.6.1.2.1.10.32.2.1.19) | read-only | No | As per MIB |
| frCircuitLogicalIfIndex (1.3.6.1.2.1.10.32.2.1.20) | read-create | No | Only support read operation |
| frCircuitRowStatus (1.3.6.1.2.1.10.32.2.1.21) | read-create | No | Only support:  active(1)  createAndgo(4)  destroy(6). |

## frErrTable

**OID: 1.3.6.1.2.1.10.32.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| frErrIfIndex (1.3.6.1.2.1.10.32.3.1.1) | read-only | Yes | As per MIB |
| frErrType  (1.3.6.1.2.1.10.32.3.1.2) | read-only | No | As per MIB |
| frErrData  (1.3.6.1.2.1.10.32.3.1.3) | read-only | No | As per MIB |
| frErrTime  (1.3.6.1.2.1.10.32.3.1.4) | read-only | No | As per MIB |
| frErrFaults  (1.3.6.1.2.1.10.32.3.1.5) | read-only | No | As per MIB |
| frErrFaultTime (1.3.6.1.2.1.10.32.3.1.6) | read-only | No | As per MIB |

## frameRelayTrapControl

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| frTrapState (1.3.6.1.2.1.10.32.4.1) | read-write | Current | As per MIB |
| frTrapMaxRate (1.3.6.1.2.1.10.32.4.2) | read-write | No | Not supported |

# HH3C-3GMODEM-MIB

## hh3cWirelessCardTable

**OID: 1.3.6.1.4.1.25506.2.98.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cWirelessCardIndex (1.3.6.1.4.1.25506.2.98.1.1.1.1.1) | read-only | No | As per MIB |
| hh3cWirelessCardModelName (1.3.6.1.4.1.25506.2.98.1.1.1.1.2) | read-only | No | As per MIB |
| hh3cWirelessCardMfgName (1.3.6.1.4.1.25506.2.98.1.1.1.1.3) | read-only | No | As per MIB |
| hh3cWirelessCardDescription (1.3.6.1.4.1.25506.2.98.1.1.1.1.4) | read-only | No | Not supported |
| hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5) | read-only | No | As per MIB |
| hh3cWirelessCardCMIIID (1.3.6.1.4.1.25506.2.98.1.1.1.1.6) | read-only | No | Not supported |
| hh3cWirelessCardHardwareVersion (1.3.6.1.4.1.25506.2.98.1.1.1.1.7) | read-only | No | As per MIB |
| hh3cWirelessCardFirmwareVersion (1.3.6.1.4.1.25506.2.98.1.1.1.1.8) | read-only | No | As per MIB |
| hh3cWirelessCardPRLVersion (1.3.6.1.4.1.25506.2.98.1.1.1.1.9) | read-only | No | As per MIB |
| hh3cWirelessCardInterfaceIndex  (1.3.6.1.4.1.25506.2.98.1.1.1.1.10) | read-only | No | As per MIB |
| hh3cWirelessCardModemStatus  (1.3.6.1.4.1.25506.2.98.1.1.1.1.11) | read-only | No | As per MIB |
| hh3cWirelessCardModemMode  (1.3.6.1.4.1.25506.2.98.1.1.1.1.12) | read-only | No | As per MIB |
| hh3cWirelessCardCurNetConn  (1.3.6.1.4.1.25506.2.98.1.1.1.1.13) | read-only | No | As per MIB |

## hh3cWirelessCardOnlineTable

**OID: 1.3.6.1.4.1.25506.2.98.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cWirelessCardOnlineTime(1.3.6.1.4.1.25506.2.98.1.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cWirelessCardOnlineType (1.3.6.1.4.1.25506.2.98.1.1.3.1.2) | read-only | No | As per MIB |

## hh3cUIMInfoTable

**OID: 1.3.6.1.4.1.25506.2.98.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cUIMIndex (1.3.6.1.4.1.25506.2.98.1.2.1.1.1) | not-accessible | Yes | As per MIB |
| hh3cUIMStatus (1.3.6.1.4.1.25506.2.98.1.2.1.1.2) | read-only | Yes | As per MIB |
| hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3) | read-only | Yes | As per MIB |

## hh3c3GCdma1xRttTable

**OID: 1.3.6.1.4.1.25506.2.98.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3c3GCdma1xRttCurrentRssi  (1.3.6.1.4.1.25506.2.98.1.3.1.1.1) | read-only | No | -2147483648 is invalid value |
| hh3c3GCdma1xRttRssiMediumThreshold  (1.3.6.1.4.1.25506.2.98.1.3.1.1.2) | read-write | No | As per MIB |
| hh3c3GCdma1xRttRssiWeakThreshold (1.3.6.1.4.1.25506.2.98.1.3.1.1.3) | read-write | No | As per MIB |
| hh3c3GCdma1xRttCurServiceStatus (1.3.6.1.4.1.25506.2.98.1.3.1.1.4) | read-only | No | As per MIB |
| hh3c3GCdma1xRttCurRoamingStatus (1.3.6.1.4.1.25506.2.98.1.3.1.1.5) | read-only | No | As per MIB |
| hh3c3GCdma1xRttBID(1.3.6.1.4.1.25506.2.98.1.3.1.1.6) | read-only | No | As per MIB |
| hh3c3GCdma1xRttSID (1.3.6.1.4.1.25506.2.98.1.3.1.1.7) | read-only | No | As per MIB |
| hh3c3GCdma1xRttNID (1.3.6.1.4.1.25506.2.98.1.3.1.1.8) | read-only | No | As per MIB |

## hh3c3GCdmaEvDoTable

**OID: 1.3.6.1.4.1.25506.2.98.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3c3GCdmaEvDoCurrentRssi  (1.3.6.1.4.1.25506.2.98.1.3.2.1.1) | read-only | No | -2147483648 is invalid value |
| hh3c3GCdmaEvDoRssiMediumThreshold  1.3.6.1.4.1.25506.2.98.1.3.2.1.2) | read-write | No | As per MIB |
| hh3c3GCdmaEvDoRssiWeakThreshold (1.3.6.1.4.1.25506.2.98.1.3.2.1.3) | read-write | No | As per MIB |
| hh3c3GCdmaEvDoCurServiceStatus (1.3.6.1.4.1.25506.2.98.1.3.2.1.4) | read-only | No | As per MIB |
| hh3c3GCdmaEvDoCurRoamingStatus (1.3.6.1.4.1.25506.2.98.1.3.2.1.5) | read-only | No | As per MIB |
| hh3c3GCdmaEvDoSubNetID(1.3.6.1.4.1.25506.2.98.1.3.2.1.6) | read-only | No | Only MC509 support. |

## hh3cLteInfoTable

**OID: 1.3.6.1.4.1.25506.2.98.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLteCurrentRsrp (1.3.6.1.4.1.25506.2.98.1.5.1.1.1) | read-only | No | As per MIB |
| hh3cLteCurrentRsrq(1.3.6.1.4.1.25506.2.98.1.5.1.1.2) | read-only | No | As per MIB |
| hh3cLteCurrentSinr(1.3.6.1.4.1.25506.2.98.1.5.1.1.3) | read-only | No | As per MIB |
| hh3cLteTxPower(1.3.6.1.4.1.25506.2.98.1.5.1.1.4) | read-only | No | Only MC7710 support |
| hh3cLteCurrentRssi(1.3.6.1.4.1.25506.2.98.1.5.1.1.5) | read-only | No | As per MIB |
| hh3cLteRssiMediumThreshold(1.3.6.1.4.1.25506.2.98.1.5.1.1.6) | read-write | No | As per MIB |
| hh3cLteRssiWeakThreshold(1.3.6.1.4.1.25506.2.98.1.5.1.1.7) | read-write | No | As per MIB |

## hh3c3GGsmInfoTable

**OID: 1.3.6.1.4.1.25506.2.98.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3c3GGsmCurrentRssi  (1.3.6.1.4.1.25506.2.98.1.4.1.1.1) | read-only | No | -2147483648 is invalid value |
| hh3c3GGsmRssiMediumThreshold  1.3.6.1.4.1.25506.2.98.1.4.1.1.2) | read-write | No | As per MIB |
| hh3c3GGsmRssiWeakThreshold (1.3.6.1.4.1.25506.2.98.1.4.1.1.3) | read-write | No | As per MIB |
| hh3c3GGsmImsi (1.3.6.1.4.1.25506.2.98.1.4.1.1.4) | read-only | No | As per MIB |
| hh3c3GGsmImei (1.3.6.1.4.1.25506.2.98.1.4.1.1.5) | read-only | No | As per MIB |
| hh3c3GGsmApn  (1.3.6.1.4.1.25506.2.98.1.4.1.1.6) | read -write | No | As per MIB |
| hh3c3GGsmPacketSessionStatus  (1.3.6.1.4.1.25506.2.98.1.4.1.1.7) | read-only | No | As per MIB |
| hh3c3GGsmNetworkSelectionMode  (1.3.6.1.4.1.25506.2.98.1.4.1.1.8) | read-only | No | As per MIB |
| hh3c3GGsmMobileNetworkName  (1.3.6.1.4.1.25506.2.98.1.4.1.1.9) | read-only | No | As per MIB |
| hh3c3GGsmLac  (1.3.6.1.4.1.25506.2.98.1.4.1.1.10) | read-only | No | As per MIB |
| hh3c3GGsmCellId  (1.3.6.1.4.1.25506.2.98.1.4.1.1.11) | read-only | No | As per MIB |
| hh3c3GGsmSimStatus  (1.3.6.1.4.1.25506.2.98.1.4.1.1.12) | read-only | No | As per MIB |
| hh3c3GGsmCurServiceStatus  (1.3.6.1.4.1.25506.2.98.1.4.1.1.13) | read-only | No | As per MIB |
| hh3c3GGsmCurRoamingStatus  (1.3.6.1.4.1.25506.2.98.1.4.1.1.14) | read-only | No | As per MIB |
| hh3c3GGsmMcc  (1.3.6.1.4.1.25506.2.98.1.4.1.1.15) | read-only | No | As per MIB |
| hh3c3GGsmMnc  (1.3.6.1.4.1.25506.2.98.1.4.1.1.16) | read-only | No | As per MIB |

## hh3cSmsGroup

**OID: 1.3.6.1.4.1.25506.2.98.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSmsRxNotifSwitch  (1.3.6.1.4.1.25506.2.98.1.1.2.1.1) | read-write | No | Not supported |

## hh3c3GModemTrap

**OID: 1.3.6.1.4.1.25506.2.98.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1) | accessible-for-notify | No | As per MIB |
| hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2) | accessible-for-notify | No | As per MIB |
| hh3cAccessMedia (1.3.6.1.4.1.25506.2.98.2.3) | accessible-for-notify | No | As per MIB |
| hh3c3GCurrentService  (1.3.6.1.4.1.25506.2.98.2.4) | accessible-for-notify | No | As per MIB |
| hh3c3GCurrentRssiBind  (1.3.6.1.4.1.25506.2.98.2.5) | accessible-for-notify | No | As per MIB |
| hh3c3GImsiBind  (1.3.6.1.4.1.25506.2.98.2.6) | accessible-for-notify | No | As per MIB |
| hh3cSmsSrcNumberBind  (1.3.6.1.4.1.25506.2.98.2.7) | accessible-for-notify | No | Not supported |
| hh3cSmsTimeBind  (1.3.6.1.4.1.25506.2.98.2.8) | accessible-for-notify | No | Not supported |
| hh3cSmsEncodeBind  (1.3.6.1.4.1.25506.2.98.2.9) | accessible-for-notify | No | Not supported |
| hh3cSmsContentBind  (1.3.6.1.4.1.25506.2.98.2.10) | accessible-for-notify | No | Not supported |

# HH3C-ACL-MIB

## hh3cAclMib2NodesGroup

**OID: 1.3.6.1.4.1.25506.2.8.2.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclMib2Mode  (1.3.6.1.4.1.25506.2.8.2.1.1.1) | read-write | No | Not supported |
| hh3cAclMib2Version (1.3.6.1.4.1.25506.2.8.2.1.1.2) | read-only | No | As per MIB |
| hh3cAclMib2ObjectsCapabilities (1.3.6.1.4.1.25506.2.8.2.1.1.3) | read-only | No | As per MIB |
| hh3cAclMib2ProcessingStatus (1.3.6.1.4.1.25506.2.8.2.1.1.4) | read-only | No | As per MIB |

## hh3cAclMib2CapabilityTable

**OID: 1.3.6.1.4.1.25506.2.8.2.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclMib2EntityType (1.3.6.1.4.1.25506.2.8.2.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cAclMib2EntityIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.2) | not-accessible | No | As per MIB |
| hh3cAclMib2ModuleIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.3) | not-accessible | No | As per MIB |
| hh3cAclMib2CharacteristicsIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.4) | not-accessible | No | As per MIB |
| hh3cAclMib2CharacteristicsDesc (1.3.6.1.4.1.25506.2.8.2.1.2.1.5) | read-only | No | As per MIB |
| hh3cAclMib2CharacteristicsValue (1.3.6.1.4.1.25506.2.8.2.1.2.1.6) | read-only | No | As per MIB |

## hh3cAclNumberGroupTable

OID: 1.3.6.1.4.1.25506.2.8.2.1.3

Notes:

If the value of hh3cAclNumberGroupIndex is between 5000 and 5999, it means to configure an user acl, then hh3cAclNumberGroupMatchOrder and hh3cAclNumberGroupStep are forbidden, because user acl does not support configuring match-order and step.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclNumberGroupType (1.3.6.1.4.1.25506.2.8.2.1.3.1.1) | not-accessible | Current | Only support ipv4(1), ipv6(2), mac(3). |
| hh3cAclNumberGroupIndex (1.3.6.1.4.1.25506.2.8.2.1.3.1.2) | not-accessible | Current | Support 2000 to 3999 by ipv4. Support 2000 to 3999 by ipv6. Support 4000 to 4999 by mac. |
| hh3cAclNumberGroupRowStatus (1.3.6.1.4.1.25506.2.8.2.1.3.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclNumberGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.3.1.4) | read-create | Current | As per MIB |
| hh3cAclNumberGroupStep (1.3.6.1.4.1.25506.2.8.2.1.3.1.5) | read-create | Current | As per MIB |
| hh3cAclNumberGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.3.1.6) | read-create | Current | As per MIB |
| hh3cAclNumberGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.3.1.7) | read-write | No | As per MIB |
| hh3cAclNumberGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.3.1.8) | read-only | Current | As per MIB |
| hh3cAclNumberGroupName (1.3.6.1.4.1.25506.2.8.2.1.3.1.9) | read-create | Current | As per MIB |

## hh3cAclNamedGroupTable

**OID: 1.3.6.1.4.1.25506.2.8.2.1.4.**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclNamedGroupCategory (1.3.6.1.4.1.25506.2.8.2.1.4.1.1) | not-accessible | Current | As per MIB |
| hh3cAclNamedGroupName (1.3.6.1.4.1.25506.2.8.2.1.4.1.2) | not-accessible | Current | As per MIB |
| hh3cAclNamedGroupRowStatus (1.3.6.1.4.1.25506.2.8.2.1.4.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclNamedGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.4.1.4) | read-create | Current | As per MIB |
| hh3cAclNamedGroupStep (1.3.6.1.4.1.25506.2.8.2.1.4.1.5) | read-create | Current | As per MIB |
| hh3cAclNamedGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.4.1.6) | read-create | Current | As per MIB |
| hh3cAclNamedGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.4.1.7) | read-write | Current | As per MIB |
| hh3cAclNamedGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.4.1.8) | read-only | Current | As per MIB |

## hh3cAclIPAclBasicTable

**OID: 1.3.6.1.4.1.25506.2.8.2.2.2**

Notes:

If a rule will be created, hh3cAclIPAclBasicRowStatus must be 4 and the rule number does not exist.

If the node hh3cAclIPAclBasicSrcAny is set and the value of hh3cAclIPAclBasicSrcAny is true, the set operation of hh3cAclIPAclBasicSrcAddrType, hh3cAclIPAclBasicSrcAddr, hh3cAclIPAclBasicSrcPrefix or hh3cAclIPAclBasicSrcWild does not be executed. when the node hh3cAclIPAclBasicSrcAny is not set, If the node hh3cAclIPAclBasicSrcAddrType is set and the value of hh3cAclIPAclBasicSrcAddrType is 1, hh3cAclIPAclBasicSrcAddr and hh3cAclIPAclBasicSrcWild must be set correctly and the set operation of node hh3cAclIPAclBasicSrcPrefix is forbidden; If the node hh3cAclIPAclBasicSrcAddrType is set and the value of hh3cAclIPAclBasicSrcAddrType is 2, hh3cAclIPAclBasicSrcAddr and hh3cAclIPAclBasicSrcPrefix must be set correctly and the set operation of node hh3cAclIPAclBasicSrcWild is forbidden. The value of hh3cAclIPAclBasicSrcAddrType is 1 or 2 now.

The value of hh3cAclIPAclBasicFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAclBasicComment can not be modified now.

If destroy operation is executed, hh3cAclIPAclBasicRowStatus value must be 6.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclIPAclBasicRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.2.1.1) | not-accessible | Current | As per MIB |
| hh3cAclIPAclBasicRowStatus (1.3.6.1.4.1.25506.2.8.2.2.2.1.2) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclIPAclBasicAct (1.3.6.1.4.1.25506.2.8.2.2.2.1.3) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclIPAclBasicSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.2.1.4) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.2.1.5) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.2.1.6) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicSrcAny (1.3.6.1.4.1.25506.2.8.2.2.2.1.7) | read-create | Current | The default value is true(1). |
| hh3cAclIPAclBasicSrcWild (1.3.6.1.4.1.25506.2.8.2.2.2.1.8) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.2.1.9) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.2.1.10) | read-create | Current | Support 0 and 2 |
| hh3cAclIPAclBasicLog (1.3.6.1.4.1.25506.2.8.2.2.2.1.11) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicCount (1.3.6.1.4.1.25506.2.8.2.2.2.1.12) | read-only | No | As per MIB |
| hh3cAclIPAclBasicCountClear (1.3.6.1.4.1.25506.2.8.2.2.2.1.13) | read-write | No | Not supported |
| hh3cAclIPAclBasicEnable (1.3.6.1.4.1.25506.2.8.2.2.2.1.14) | read-only | No | As per MIB |
| hh3cAclIPAclBasicVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.2.1.15) | read-create | Current | As per MIB |
| hh3cAclIPAclBasicComment (1.3.6.1.4.1.25506.2.8.2.2.2.1.16) | read-create | current | Only support read and write operation. |
| hh3cAclIPAclBasicCounting (1.3.6.1.4.1.25506.2.8.2.2.2.1.17) | read-create | current | As per MIB |
| hh3cAclIPAclBasicRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.2.1.18) | read-create | current | As per MIB |
| hh3cAclIPAclBasicRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.2.1.19) | read-create | current | As per MIB |

## hh3cAclIPAclAdvancedTable

**OID: 1.3.6.1.4.1.25506.2.8.2.2.3**

Notes:

If a rule will be created, hh3cAclIPAclAdvancedRowStatus must be 4 and the rule number does not exist.

When the value of hh3cAclIPAclAdvancedProtocol is udp or tcp, hh3cAclIPAclAdvancedSrcOp, hh3cAclIPAclAdvancedSrcPort1 and hh3cAclIPAclAdvancedSrcPort2 can be set;

The value of hh3cAclIPAclAdvancedDestAddrType and hh3cAclIPAclAdvancedSrcAddrType is 1 or 2.

When the value of hh3cAclIPAclAdvancedProtocol is ICMP or ICMPV6, hh3cAclIPAclAdvancedIcmpType and hh3cAclIPAclAdvancedIcmpCode can be set, otherwise it can not.

If the node hh3cAclIPAclAdvancedSrcAny is set and the value of hh3cAclIPAclAdvancedSrcAny is true, the set operation of hh3cAclIPAclAdvancedSrcAddrType, hh3cAclIPAclAdvancedSrcAddr, hh3cAclIPAclAdvancedSrcPrefix, or hh3cAclIPAclAdvancedSrcWild does not be executed. when the node hh3cAclIPAclAdvancedSrcAny is not set, If the node hh3cAclIPAclAdvancedSrcAddrType is set and the value of hh3cAclIPAclAdvancedSrcAddrType is 1, hh3cAclIPAclAdvancedSrcAddr and hh3cAclIPAclAdvancedSrcWild must be set correctly and the set operation of node hh3cAclIPAclAdvancedSrcPrefix is forbidden; If the node hh3cAclIPAclAdvancedSrcAddrType is set and the value of hh3cAclIPAclAdvancedSrcAddrType is 2, hh3cAclIPAclAdvancedSrcAddr and hh3cAclIPAclAdvancedSrcPrefix must be set correctly and the set operation of node hh3cAclIPAclAdvancedSrcWild is forbidden. The value of hh3cAclIPAclAdvancedSrcAddrType is 1 or 2 now. So do hh3cAclIPAclAdvancedDestAddrType, hh3cAclIPAclAdvancedDestAddr, hh3cAclIPAclAdvancedDestPrefix, hh3cAclIPAclAdvancedDestAny and hh3cAclIPAclAdvancedDestWild.

The value of hh3cAclIPAclAdvancedFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAclAdvancedComment can not be modified now.

If destroy operation is executed, hh3cAclIPAclAdvancedRowStatus value must be 6.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclIPAclAdvancedRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.3.1.1) | not-accessible | Current | As per MIB |
| hh3cAclIPAclAdvancedRowStatus (1.3.6.1.4.1.25506.2.8.2.2.3.1.2) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclIPAclAdvancedAct (1.3.6.1.4.1.25506.2.8.2.2.3.1.3) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclIPAclAdvancedProtocol (1.3.6.1.4.1.25506.2.8.2.2.3.1.4) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedAddrFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.5) | read-create | Current | Not supported |
| hh3cAclIPAclAdvancedSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.3.1.6) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.3.1.7) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.8) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.9) | read-create | Current | The default value is true(1). |
| hh3cAclIPAclAdvancedSrcWild (1.3.6.1.4.1.25506.2.8.2.2.3.1.10) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcOp (1.3.6.1.4.1.25506.2.8.2.2.3.1.11) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.12) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedSrcPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.13) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestAddrType (1.3.6.1.4.1.25506.2.8.2.2.3.1.14) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestAddr (1.3.6.1.4.1.25506.2.8.2.2.3.1.15) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.16) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.17) | read-create | Current | The default value is true(1) |
| hh3cAclIPAclAdvancedDestWild (1.3.6.1.4.1.25506.2.8.2.2.3.1.18) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestOp (1.3.6.1.4.1.25506.2.8.2.2.3.1.19) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.20) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDestPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.21) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedIcmpType (1.3.6.1.4.1.25506.2.8.2.2.3.1.22) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedIcmpCode (1.3.6.1.4.1.25506.2.8.2.2.3.1.23) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedPrecedence (1.3.6.1.4.1.25506.2.8.2.2.3.1.24) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedTos (1.3.6.1.4.1.25506.2.8.2.2.3.1.25) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedDscp (1.3.6.1.4.1.25506.2.8.2.2.3.1.26) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.3.1.27) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedTCPFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.28) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.29) | read-create | Current | Support 0 and 2 |
| hh3cAclIPAclAdvancedLog (1.3.6.1.4.1.25506.2.8.2.2.3.1.30) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedCount (1.3.6.1.4.1.25506.2.8.2.2.3.1.31) | read-only | No | As per MIB |
| hh3cAclIPAclAdvancedCountClear (1.3.6.1.4.1.25506.2.8.2.2.3.1.32) | read-write | No | Not supported |
| hh3cAclIPAclAdvancedEnable (1.3.6.1.4.1.25506.2.8.2.2.3.1.33) | read-only | No | As per MIB |
| hh3cAclIPAclAdvancedVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.3.1.34) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedComment (1.3.6.1.4.1.25506.2.8.2.2.3.1.35) | read-create | Current | Only support read and write operation. |
| hh3cAclIPAclAdvancedReflective (1.3.6.1.4.1.25506.2.8.2.2.3.1.36) | read-create | Current | Not supported |
| hh3cAclIPAclAdvancedCounting (1.3.6.1.4.1.25506.2.8.2.2.3.1.37) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedTCPFlagMask (1.3.6.1.4.1.25506.2.8.2.2.3.1.38) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedTCPFlagValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.39) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.40) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.41) | read-create | Current | As per MIB |
| hh3cAclIPAclAdvancedFlowLabel (1.3.6.1.4.1.25506.2.8.2.2.3.1.42) | read-create | Current | The default value is 0. |

## hh3cAclIPAclNamedBscTable

**OID: 1.3.6.1.4.1.25506.2.8.2.2.4**

Notes:

If a rule will be created, hh3cAclIPAclNamedBscRowStatus must be 4 and the rule name does not exist.

If the node hh3cAclIPAclNamedBscSrcAny is set and the value of hh3cAclIPAclNamedBscSrcAny is true, the set operation of hh3cAclIPAclNamedBscSrcAddrType, hh3cAclIPAclNamedBscSrcAddr, hh3cAclIPAclNamedBscSrcPrefix or hh3cAclIPAclNamedBscSrcWild does not be executed. when the node hh3cAclIPAclNamedBscSrcAny is not set, If the node hh3cAclIPAclNamedBscSrcAddrType is set and the value of hh3cAclIPAclNamedBscSrcAddrType is 1, hh3cAclIPAclNamedBscSrcAddr and hh3cAclIPAclNamedBscSrcWild must be set correctly and the set operation of node hh3cAclIPAclNamedBscSrcPrefix is forbidden; If the node hh3cAclIPAclNamedBscSrcAddrType is set and the value of hh3cAclIPAclNamedBscSrcAddrType is 2, hh3cAclIPAclNamedBscSrcAddr and hh3cAclIPAclNamedBscSrcPrefix must be set correctly and the set operation of node hh3cAclIPAclNamedBscSrcWild is forbidden. The value of hh3cAclIPAclNamedBscSrcAddrType is 1 or 2 now.

The value of hh3cAclIPAclNamedBscFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAclNamedBscComment can not be modified now.

If destroy operation is executed, hh3cAclIPAclNamedBscRowStatus value must be 6.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclIPAclNamedBscRowStatus (1.3.6.1.4.1.25506.2.8.2.2.4.1.1) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclIPAclNamedBscAct (1.3.6.1.4.1.25506.2.8.2.2.4.1.2) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclIPAclNamedBscSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.4.1.3) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.4.1.4) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.4.1.5) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscSrcAny (1.3.6.1.4.1.25506.2.8.2.2.4.1.6) | read-create | Current | The default value is true(1). |
| hh3cAclIPAclNamedBscSrcWild (1.3.6.1.4.1.25506.2.8.2.2.4.1.7) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.4.1.8) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.4.1.9) | read-create | Current | Support 0 and 2 |
| hh3cAclIPAclNamedBscLog (1.3.6.1.4.1.25506.2.8.2.2.4.1.10) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscCount (1.3.6.1.4.1.25506.2.8.2.2.4.1.11) | read-only | No | As per MIB |
| hh3cAclIPAclNamedBscCountClear (1.3.6.1.4.1.25506.2.8.2.2.4.1.12) | read-write | No | Not supported |
| hh3cAclIPAclNamedBscEnable (1.3.6.1.4.1.25506.2.8.2.2.4.1.13) | read-only | No | As per MIB |
| hh3cAclIPAclNamedBscVpnInstName (1.3.6.1.4.1.25506.2.8.2.2.4.1.14) | read-only | Current | As per MIB |
| hh3cAclIPAclNamedBscComment (1.3.6.1.4.1.25506.2.8.2.2.4.1.15) | read-create | Current | Only support read and write operation. |
| hh3cAclIPAclNamedBscCounting  (1.3.6.1.4.1.25506.2.8.2.2.4.1.16) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedBscRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.4.1.17) | read-create | current | As per MIB |
| hh3cAclIPAclNamedBscRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.4.1.18) | read-create | current | As per MIB |

## hh3cAclIPAclNamedAdvTable

**OID: 1.3.6.1.4.1.25506.2.8.2.2.5**

Notes:

If a rule will be created, hh3cAclIPAclNamedAdvRowStatus must be 4 and the rule number does not exist.

When the value of hh3cAclIPAclNamedAdvProtocol is udp or tcp, hh3cAclIPAclNamedAdvSrcOp, hh3cAclIPAclNamedAdvSrcPort1 and hh3cAclIPAclNamedAdvSrcPort2 can be set;

The value of hh3cAclIPAclNamedAdvDstAddrType and hh3cAclIPAclNamedAdvSrcAddrType is 1 or 2.

When the value of hh3cAclIPAclNamedAdvProtocol is ICMP or ICMPV6, hh3cAclIPAclNamedAdvIcmpType and hh3cAclIPAclNamedAdvIcmpCode can be set, otherwise it can not.

If the node hh3cAclIPAclNamedAdvSrcAny is set and the value of hh3cAclIPAclNamedAdvSrcAny is true, the set operation of hh3cAclIPAclNamedAdvSrcAddrType, hh3cAclIPAclNamedAdvSrcAddr, hh3cAclIPAclNamedAdvSrcPrefix, or hh3cAclIPAclNamedAdvSrcWild does not be executed. when the node hh3cAclIPAclNamedAdvSrcAny is not set, If the node hh3cAclIPAclNamedAdvSrcAddrType is set and the value of hh3cAclIPAclNamedAdvSrcAddrType is 1, hh3cAclIPAclNamedAdvSrcAddr and hh3cAclIPAclNamedAdvSrcWild must be set correctly and the set operation of node hh3cAclIPAclNamedAdvSrcPrefix is forbidden; If the node hh3cAclIPAclNamedAdvSrcAddrType is set and the value of hh3cAclIPAclNamedAdvSrcAddrType is 2, hh3cAclIPAclNamedAdvSrcAddr and hh3cAclIPAclNamedAdvSrcPrefix must be set correctly and the set operation of node hh3cAclIPAclNamedAdvSrcWild is forbidden. The value of hh3cAclIPAclNamedAdvSrcAddrType is 1 or 2 now. So do hh3cAclIPAclNamedAdvDstAddrType, hh3cAclIPAclNamedAdvDstAddr, hh3cAclIPAclNamedAdvDstPrefix, hh3cAclIPAclNamedAdvDstAny and hh3cAclIPAclNamedAdvDstWild.

The value of hh3cAclIPAclNamedAdvFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAclNamedAdvComment can not be modified now.

If destroy operation is executed, hh3cAclIPAclNamedAdvRowStatus value must be 6.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclIPAclNamedAdvRowStatus (1.3.6.1.4.1.25506.2.8.2.2.6.1.1) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclIPAclNamedAdvAct (1.3.6.1.4.1.25506.2.8.2.2.6.1.2) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclIPAclNamedAdvProtocol (1.3.6.1.4.1.25506.2.8.2.2.6.1.3) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvAddrFlag (1.3.6.1.4.1.25506.2.8.2.2.6.1.4) | read-create | Current | Not supported |
| hh3cAclIPAclNamedAdvSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.6.1.5) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.6.1.6) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.6.1.7) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcAny (1.3.6.1.4.1.25506.2.8.2.2.6.1.8) | read-create | Current | The default value is true(1). |
| hh3cAclIPAclNamedAdvSrcWild (1.3.6.1.4.1.25506.2.8.2.2.6.1.9) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcOp (1.3.6.1.4.1.25506.2.8.2.2.6.1.10) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcPort1 (1.3.6.1.4.1.25506.2.8.2.2.6.1.11) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvSrcPort2 (1.3.6.1.4.1.25506.2.8.2.2.6.1.12) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstAddrType (1.3.6.1.4.1.25506.2.8.2.2.6.1.13) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstAddr (1.3.6.1.4.1.25506.2.8.2.2.6.1.14) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstPrefix (1.3.6.1.4.1.25506.2.8.2.2.6.1.15) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstAny (1.3.6.1.4.1.25506.2.8.2.2.6.1.16) | read-create | Current | The default value is true(1) |
| hh3cAclIPAclNamedAdvDstWild (1.3.6.1.4.1.25506.2.8.2.2.6.1.17) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstOp (1.3.6.1.4.1.25506.2.8.2.2.6.1.18) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstPort1 (1.3.6.1.4.1.25506.2.8.2.2.6.1.19) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDstPort2 (1.3.6.1.4.1.25506.2.8.2.2.6.1.20) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvIcmpType (1.3.6.1.4.1.25506.2.8.2.2.6.1.21) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvIcmpCode (1.3.6.1.4.1.25506.2.8.2.2.6.1.22) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvPrecedence (1.3.6.1.4.1.25506.2.8.2.2.6.1.23) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvTos (1.3.6.1.4.1.25506.2.8.2.2.6.1.24) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvDscp (1.3.6.1.4.1.25506.2.8.2.2.6.1.25) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.6.1.26) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvTCPFlag (1.3.6.1.4.1.25506.2.8.2.2.6.1.27) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.6.1.28) | read-create | Current | Support 0 and 2 |
| hh3cAclIPAclNamedAdvLog (1.3.6.1.4.1.25506.2.8.2.2.6.1.29) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvCount (1.3.6.1.4.1.25506.2.8.2.2.6.1.30) | read-only | No | As per MIB |
| hh3cAclIPAclNamedAdvCountClear (1.3.6.1.4.1.25506.2.8.2.2.6.1.31) | read-write | No | Not supported |
| hh3cAclIPAclNamedAdvEnable (1.3.6.1.4.1.25506.2.8.2.2.6.1.32) | read-only | No | As per MIB |
| hh3cAclIPAclNamedAdvVpnInstName (1.3.6.1.4.1.25506.2.8.2.2.6.1.33) | read-only | Current | As per MIB |
| hh3cAclIPAclNamedAdvComment (1.3.6.1.4.1.25506.2.8.2.2.6.1.34) | read-create | Current | Only support read and write operation. |
| hh3cAclIPAclNamedAdvReflective (1.3.6.1.4.1.25506.2.8.2.2.6.1.35) | read-create | Current | Not supported |
| hh3cAclIPAclNamedAdvCounting  (1.3.6.1.4.1.25506.2.8.2.2.6.1.36) | read-only | Current | As per MIB |
| hh3cAclIPAclNamedAdvTCPFlagMask (1.3.6.1.4.1.25506.2.8.2.2.6.1.37) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvTCPFlagValue (1.3.6.1.4.1.25506.2.8.2.2.6.1.38) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.6.1.39) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.6.1.40) | read-create | Current | As per MIB |
| hh3cAclIPAclNamedAdvFlowLabel (1.3.6.1.4.1.25506.2.8.2.2.6.1.41) | read-create | Current | The default value is 0. |

## hh3cAclMACTable

**OID: 1.3.6.1.4.1.25506.2.8.2.3.1**

Notes:

If a rule will be created, hh3cAclMACRowStatus must be 4 and the rule number does not exist.

The set of hh3cAclMACAct is required when a rule is created.

hh3cAclMACTypeCode and hh3cAclMACTypeMask must be set together.

hh3cAclMACSrcMac and hh3cAclMACSrcMacWild must be set together.

hh3cAclMACDestMac and hh3cAclMACDestMacWild must be set together.

hh3cAclMACLsapCode and hh3cAclMACLsapMask must be set together.

If hh3cAclMACTypeCode or hh3cAclMACTypeMask is set, hh3cAclMACLsapCode or hh3cAclMACLsapMask must be not set.

If hh3cAclMACLsapCode or hh3cAclMACLsapMask is set, hh3cAclMACTypeCode or hh3cAclMACTypeMask must be not set.

All the objects in the table except hh3cAclMACComment can not be modified now.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclMACRuleIndex (1.3.6.1.4.1.25506.2.8.2.3.1.1.1) | not-accessible | Current | As per MIB |
| hh3cAclMACRowStatus (1.3.6.1.4.1.25506.2.8.2.3.1.1.2) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclMACAct (1.3.6.1.4.1.25506.2.8.2.3.1.1.3) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclMACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.4) | read-create | Current | As per MIB |
| hh3cAclMACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.5) | read-create | Current | As per MIB |
| hh3cAclMACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.6) | read-create | Current | As per MIB |
| hh3cAclMACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.7) | read-create | Current | As per MIB |
| hh3cAclMACDestMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.8) | read-create | Current | As per MIB |
| hh3cAclMACDestMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.9) | read-create | Current | As per MIB |
| hh3cAclMACLsapCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.10) | read-create | Current | As per MIB |
| hh3cAclMACLsapMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.11) | read-create | Current | As per MIB |
| hh3cAclMACCos (1.3.6.1.4.1.25506.2.8.2.3.1.1.12) | read-create | Current | As per MIB |
| hh3cAclMACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.1.1.13) | read-create | Current | As per MIB |
| hh3cAclMACCount (1.3.6.1.4.1.25506.2.8.2.3.1.1.14) | read-only | No | As per MIB |
| hh3cAclMACCountClear (1.3.6.1.4.1.25506.2.8.2.3.1.1.15) | read-write | No | Not supported |
| hh3cAclMACEnable (1.3.6.1.4.1.25506.2.8.2.3.1.1.16) | read-only | No | As per MIB |
| hh3cAclMACComment (1.3.6.1.4.1.25506.2.8.2.3.1.1.17) | read-create | Current | Only support read and write operation. |
| hh3cAclMACLog (1.3.6.1.4.1.25506.2.8.2.3.1.1.18) | read-create | Current | Not supported |
| hh3cAclMACCounting (1.3.6.1.4.1.25506.2.8.2.3.1.1.19) | read-create | Current | As per MIB |

## hh3cAclNamedMACTable

**OID: 1.3.6.1.4.1.25506.2.8.2.3.2**

Notes:

If a rule will be created, hh3cAclNamedMACRowStatus must be 4 and the rule number does not exist.

The set of hh3cAclNamedMACAct is required when a rule is created.

hh3cAclNamedMACTypeCode and hh3cAclNamedMACTypeMask must be set together.

hh3cAclNamedMACSrcMac and hh3cAclNamedMACSrcMacWild must be set together.

hh3cAclNamedMACDstMac and hh3cAclNamedMACDstMacWild must be set together.

hh3cAclNamedMACLsapCode and hh3cAclNamedMACLsapMask must be set together.

If hh3cAclNamedMACTypeCode or hh3cAclNamedMACTypeMask is set, hh3cAclNamedMACLsapCode or hh3cAclNamedMACLsapMask must be not set.

If hh3cAclNamedMACLsapCode or hh3cAclNamedMACLsapMask is set, hh3cAclNamedMACTypeCode or hh3cAclNamedMACTypeMask must be not set.

All the objects in the table except hh3cAclNamedMACComment can not be modified now.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclNamedMACRowStatus (1.3.6.1.4.1.25506.2.8.2.3.2.1.1) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |
| hh3cAclNamedMACAct (1.3.6.1.4.1.25506.2.8.2.3.2.1.2) | read-create | Current | Only support permit(2),deny(3) |
| hh3cAclNamedMACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.2.1.3) | read-create | Current | As per MIB |
| hh3cAclNamedMACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.2.1.4) | read-create | Current | As per MIB |
| hh3cAclNamedMACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.2.1.5) | read-create | Current | As per MIB |
| hh3cAclNamedMACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.2.1.6) | read-create | Current | As per MIB |
| hh3cAclNamedMACDstMac (1.3.6.1.4.1.25506.2.8.2.3.2.1.7) | read-create | Current | As per MIB |
| hh3cAclNamedMACDstMacWild (1.3.6.1.4.1.25506.2.8.2.3.2.1.8) | read-create | Current | As per MIB |
| hh3cAclNamedMACLsapCode (1.3.6.1.4.1.25506.2.8.2.3.2.1.9) | read-create | Current | As per MIB |
| hh3cAclNamedMACLsapMask (1.3.6.1.4.1.25506.2.8.2.3.2.1.10) | read-create | Current | As per MIB |
| hh3cAclNamedMACCos (1.3.6.1.4.1.25506.2.8.2.3.2.1.11) | read-create | Current | As per MIB |
| hh3cAclNamedMACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.2.1.12) | read-create | Current | As per MIB |
| hh3cAclNamedMACCount (1.3.6.1.4.1.25506.2.8.2.3.2.1.13) | read-only | No | As per MIB |
| hh3cAclNamedMACCountClear (1.3.6.1.4.1.25506.2.8.2.3.2.1.14) | read-write | No | Not supported |
| hh3cAclNamedMACEnable (1.3.6.1.4.1.25506.2.8.2.3.2.1.15) | read-only | No | As per MIB |
| hh3cAclNamedMACComment (1.3.6.1.4.1.25506.2.8.2.3.2.1.16) | read-create | Current | Only support read and write operation. |
| hh3cAclNamedMACLog (1.3.6.1.4.1.25506.2.8.2.3.2.1.17) | read-create | Current | Not supported |
| hh3cAclNamedMACCounting (1.3.6.1.4.1.25506.2.8.2.3.2.1.18) | read-create | Current | As per MIB |

## hh3cAclIntervalTable

**OID:1.3.6.1.4.1.25506.2.8.2.6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAclIntervalType (1.3.6.1.4.1.25506.2.8.2.6.1.1.1) | not-accessible | Current | As per MIB |
| hh3cAclIntervalValue (1.3.6.1.4.1.25506.2.8.2.6.1.1.2) | read-create | Current | As per MIB |
| hh3cAclIntervalRowStatus (1.3.6.1.4.1.25506.2.8.2.6.1.1.3) | read-create | Current | As per MIB |

## hh3cPfilterScalarGroup

**OID: 1.3.6.1.4.1.25506.2.8.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilterDefaultAction (1.3.6.1.4.1.25506.2.8.3.1.1) | read-write | Current | As per MIB |
| hh3cPfilterProcessingStatus (1.3.6.1.4.1.25506.2.8.3.1.2) | read-only | No | As per MIB |

## hh3cPfilterApplyTable

**OID: 1.3.6.1.4.1.25506.2.8.3.2**

Notes:

When the node hh3cPfilterApplyCountClear is set, the value of hh3cPfilterApplyAclType must be 1 2 or 4.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilterApplyObjType (1.3.6.1.4.1.25506.2.8.3.2.1.1) | not-accessible | Current | Only support interface(1). |
| hh3cPfilterApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.2.1.2) | not-accessible | Current | As per MIB |
| hh3cPfilterApplyDirection (1.3.6.1.4.1.25506.2.8.3.2.1.3) | not-accessible | Current | As per MIB |
| hh3cPfilterApplyAclType (1.3.6.1.4.1.25506.2.8.3.2.1.4) | not-accessible | Current | Support ipv4(1), ipv6(2), default(3) or mac(4) |
| hh3cPfilterApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.2.1.5) | not-accessible | Current | Support 2000 to 3999 by ipv4or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilterApplyHardCount (1.3.6.1.4.1.25506.2.8.3.2.1.6) | read-create | Current | Not supported. |
| hh3cPfilterApplySequence (1.3.6.1.4.1.25506.2.8.3.2.1.7) | read-only | No | As per MIB |
| hh3cPfilterApplyCountClear (1.3.6.1.4.1.25506.2.8.3.2.1.8) | read-write | No | As per MIB |
| hh3cPfilterApplyRowStatus (1.3.6.1.4.1.25506.2.8.3.2.1.9) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cPfilterAclGroupRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.8.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilterRunApplyObjType (1.3.6.1.4.1.25506.2.8.3.3.1.1) | not-accessible | Current | Only support interface(1). |
| hh3cPfilterRunApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.3.1.2) | not-accessible | Current | As per MIB |
| hh3cPfilterRunApplyDirection (1.3.6.1.4.1.25506.2.8.3.3.1.3) | not-accessible | Current | As per MIB |
| hh3cPfilterRunApplyAclType (1.3.6.1.4.1.25506.2.8.3.3.1.4) | not-accessible | Current | Support ipv4(1), ipv6(2), default(3) or mac(4) |
| hh3cPfilterRunApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.3.1.5) | not-accessible | Current | Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilterAclGroupStatus (1.3.6.1.4.1.25506.2.8.3.3.1.6) | read-only | No | As per MIB |
| hh3cPfilterAclGroupCountStatus (1.3.6.1.4.1.25506.2.8.3.3.1.7) | read-only | No | Not supported |
| hh3cPfilterAclGroupPermitPkts (1.3.6.1.4.1.25506.2.8.3.3.1.8) | read-only | No | As per MIB |
| hh3cPfilterAclGroupPermitBytes (1.3.6.1.4.1.25506.2.8.3.3.1.9) | read-only | No | Not supported |
| hh3cPfilterAclGroupDenyPkts (1.3.6.1.4.1.25506.2.8.3.3.1.10) | read-only | No | As per MIB |
| hh3cPfilterAclGroupDenyBytes (1.3.6.1.4.1.25506.2.8.3.3.1.11) | read-only | No | Not supported |

## hh3cPfilterAclRuleRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.8.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilterAclRuleIndex (1.3.6.1.4.1.25506.2.8.3.4.1.1) | not-accessible | Current | As per MIB |
| hh3cPfilterAclRuleStatus (1.3.6.1.4.1.25506.2.8.3.4.1.2) | read-only | No | As per MIB |
| hh3cPfilterAclRuleCountStatus (1.3.6.1.4.1.25506.2.8.3.4.1.3) | read-only | No | As per MIB |
| hh3cPfilterAclRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.4.1.4) | read-only | No | As per MIB |
| hh3cPfilterAclRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.4.1.5) | read-only | No | Not supported |

## hh3cPfilterStatisticSumTable

**OID: 1.3.6.1.4.1.25506.2.8.3.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilterSumDirection (1.3.6.1.4.1.25506.2.8.3.5.1.1) | not-accessible | Current | As per MIB |
| hh3cPfilterSumAclType (1.3.6.1.4.1.25506.2.8.3.5.1.2) | not-accessible | Current | Support ipv4(1) , ipv6(2), mac(3) |
| hh3cPfilterSumAclIndex (1.3.6.1.4.1.25506.2.8.3.5.1.3) | not-accessible | Current | Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilterSumRuleIndex (1.3.6.1.4.1.25506.2.8.3.5.1.4) | not-accessible | Current | As per MIB |
| hh3cPfilterSumRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.5.1.5) | read-only | No | As per MIB |
| hh3cPfilterSumRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.5.1.6) | read-only | No | Not supported |

## hh3cPfilter2ApplyTable

**OID: 1.3.6.1.4.1.25506.2.8.3.6**

Notes:

When the node hh3cPfilter2ApplyCountClear is set, the value of hh3cPfilter2ApplyAclType must be 1, 2 or 4.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilter2ApplyObjType  (1.3.6.1.4.1.25506.2.8.3.6.1.1) | accessible-for-notify | Current | Only support interface(1). |
| hh3cPfilter2ApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.6.1.2) | accessible-for-notify | Current | As per MIB |
| hh3cPfilter2ApplyDirection (1.3.6.1.4.1.25506.2.8.3.6.1.3) | accessible-for-notify | Current | As per MIB |
| hh3cPfilter2ApplyAclType (1.3.6.1.4.1.25506.2.8.3.6.1.4) | accessible-for-notify | Current | Support ipv4(1), ipv6(2), default(3) or mac(4) |
| hh3cPfilter2ApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.6.1.5) | accessible-for-notify | Current | Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilter2ApplyHardCount  (1.3.6.1.4.1.25506.2.8.3.6.1.6) | read-create | Current | Not supported. |
| hh3cPfilter2ApplySequence  (1.3.6.1.4.1.25506.2.8.3.6.1.7) | read-only | No | As per MIB |
| hh3cPfilter2ApplyCountClear  (1.3.6.1.4.1.25506.2.8.3.6.1.8) | read-write | No | As per MIB |
| hh3cPfilterNameApplyRowStatus (1.3.6.1.4.1.25506.2.8.3.6.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cPfilter2AclGroupRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.8.3.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilter2RunApplyObjType (1.3.6.1.4.1.25506.2.8.3.7.1.1) | not-accessible | Current | Only support interface(1). |
| hh3cPfilter2RunApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.7.1.2) | not-accessible | Current | As per MIB |
| hh3cPfilter2RunApplyDirection (1.3.6.1.4.1.25506.2.8.3.7.1.3) | not-accessible | Current | As per MIB |
| hh3cPfilter2RunApplyAclType (1.3.6.1.4.1.25506.2.8.3.7.1.4) | not-accessible | Current | Support ipv4(1), ipv6(2), default(3) or mac(4) |
| hh3cPfilter2RunApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.7.1.5) | not-accessible | Current | Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilter2AclGroupStatus (1.3.6.1.4.1.25506.2.8.3.7.1.6) | read-only | No | As per MIB |
| hh3cPfilter2AclGroupCountStatus  (1.3.6.1.4.1.25506.2.8.3.7.1.7) | read-only | No | Not supported |
| hh3cPfilter2AclGroupPermitPkts (1.3.6.1.4.1.25506.2.8.3.7.1.8) | read-only | No | As per MIB |
| hh3cPfilter2AclGroupPermitBytes (1.3.6.1.4.1.25506.2.8.3.7.1.9) | read-only | No | Not supported |
| hh3cPfilter2AclGroupDenyPkts (1.3.6.1.4.1.25506.2.8.3.7.1.10) | read-only | No | As per MIB |
| hh3cPfilter2AclGroupDenyBytes (1.3.6.1.4.1.25506.2.8.3.7.1.11) | read-only | No | Not supported |

## hh3cPfilter2AclRuleRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.8.3.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilter2AclRuleIndex  (1.3.6.1.4.1.25506.2.8.3.8.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cPfilter2AclRuleStatus (1.3.6.1.4.1.25506.2.8.3.8.1.2) | read-only | No | As per MIB |
| hh3cPfilter2AclRuleCountStatus (1.3.6.1.4.1.25506.2.8.3.8.1.3) | read-only | No | As per MIB |
| hh3cPfilter2AclRuleMatchPkts (1.3.6.1.4.1.25506.2.8.3.8.1.4) | read-only | No | As per MIB |
| hh3cPfilterAclNameRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.8.1.5) | read-only | No | Not supported |

## hh3cPfilter2StatisticSumTable

**OID: 1.3.6.1.4.1.25506.2.8.3.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPfilter2SumDirection (1.3.6.1.4.1.25506.2.8.3.9.1.1) | not-accessible | Current | As per MIB |
| hh3cPfilter2SumAclType (1.3.6.1.4.1.25506.2.8.3.9.1.2) | not-accessible | Current | Support ipv4(1) , ipv6(2), mac(3) |
| hh3cPfilter2SumAclIndex (1.3.6.1.4.1.25506.2.8.3.9.1.3) | not-accessible | Current | Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac. |
| hh3cPfilter2SumRuleIndex (1.3.6.1.4.1.25506.2.8.3.9.1.4) | not-accessible | Current | As per MIB |
| hh3cPfilter2SumRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.9.1.5) | read-only | No | As per MIB |
| hh3cPfilterNameSumRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.9.1.6) | read-only | No | Not supported |

# HH3C-BFD-STD-MIB

The HH3C-BFD-STD-MIB is extracted from draft-ietf-bfd-base-04.txt, This file defines a portion of the Management Information Base (MIB) for use with network management protocols in the Internet community. It describes managed objects to configure or monitor Bi-Directional Forwarding Detection on devices supporting this feature.

## hh3cBfdGlobalObjects

**OID: 1.3.6.1.4.1.25506.2.72.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cBfdVersionNumber(1.3.6.1.4.1.25506.2.72.1.1.1  ) | read-only | No | Not supported |
| hh3cBfdSysInitMode(1.3.6.1.4.1.25506.2.72.1.1.2  ) | read-only | No | Not supported |
| hh3cBfdSessNotificationsEnable(1.3.6.1.4.1.25506.2.72.1.1.3  ) | read-write | Current | As per MIB |
| hh3cBfdSessNumberLimit (1.3.6.1.4.1.25506.2.72.1.1.4) | read-only | No | Not supported |

# HH3C-BPA-MIB

## hh3cBpaCfgTable

**OID: 1.3.6.1.4.1.25506.2.144.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cBpaDirection (1.3.6.1.4.1.25506.2.144.1.1.1.1) | not-accessible | Current | As per MIB |
| hh3cBpaSrcOrDest (1.3.6.1.4.1.25506.2.144.1.1.1.2) | read-create | Current | As per MIB |
| hh3cBpaRowStatus  (1.3.6.1.4.1.25506.2.144.1.1.1.3) | read-create | Current | As per MIB |

## hh3cBpaStatTable

**OID: 1.3.6.1.4.1.25506.2.144.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cBpaTrafficType  (1.3.6.1.4.1.25506.2.144.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cBpaTrafficIndex  (1.3.6.1.4.1.25506.2.144.1.2.1.2) | not-accessible | No | As per MIB |
| hh3cBpaInPacketCount  (1.3.6.1.4.1.25506.2.144.1.2.1.3) | read-only | No | As per MIB |
| hh3cBpaInOctetCount  (1.3.6.1.4.1.25506.2.144.1.2.1.4) | read-only | No | As per MIB |
| hh3cBpaOutPacketCount  (1.3.6.1.4.1.25506.2.144.1.2.1.5) | read-only | No | As per MIB |
| hh3cBpaOutOctetCount  (1.3.6.1.4.1.25506.2.144.1.2.1.6) | read-only | No | As per MIB |

# HH3C-CBQOS2-MIB

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSClassifierIndexNext (1.3.6.1.4.1.25506.2.65.2.1.1.1) | read-only | Current | If the value of this object is 65535, it indicates that no Classifier can be created in hh3cCBQoSClassifierCfgInfoTable. |
| hh3cCBQoSBehaviorIndexNext (1.3.6.1.4.1.25506.2.65.2.1.2.1) | read-only | Current | If the value of this object is 65535, it indicates that no Behavior can be created in hh3cCBQoSBehaviorCfgInfoTable. |
| hh3cCBQoSPolicyIndexNext (1.3.6.1.4.1.25506.2.65.2.1.3.1) | read-only | Current | If the value of this object is 65535, it indicates that no Policy can be created in hh3cCBQoSPolicyCfgInfoTable. |
| hh3cCBQoSApplyingStatus (1.3.6.1.4.1.25506.2.65.2.1.6.1) | read-only | No | It is forbidden to set in this MIB module when the value is busy(2). |

## hh3cCBQoSClassifierCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.1.2**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQoSClassifierIndexNext.
2. Use the value as hh3cCBQoSClassifierIndex to create the new entry of this table.
3. hh3cCBQoSClassifierName must be bound when creating a new entry of this table.
4. hh3cCBQoSClassifierRuleCount stands for the number of nodes in the classifier, including the nodes that are only supported by the command line.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSClassifierIndex (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSClassifierName (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSClassifierRuleCount (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.3) | read-only | Current | As per MIB |
| hh3cCBQoSClassifierOperator (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSClassifierLayer (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.5) | read-create | Current | Not supported. The value is always unavailable(1). |
| hh3cCBQoSClassifierType (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.6) | read-only | Current | As per MIB |
| hh3cCBQosClassifierMatchRuleNextIndex (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.7) | read-only | Current | If the value of this object is 2147483647, it indicates that no Rule can be created in hh3cCBQoSMatchRuleCfgInfoTable. |
| hh3cCBQoSClassifierRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.8) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSMatchRuleCfgInfoTable (Supported by MSR26)

**OID: 1.3.6.1.4.1.25506.2.65.2.1.1.3**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQosClassifierMatchRuleNextIndex from table hh3cCBQoSClassifierCfgInfoTable
2. Use the value as hh3cCBQoSMatchRuleIndex to create the new entry of this table.
3. If hh3cCBQoSMatchRuleIfNot is not bound when creating a new entry of this table, the value ‘match’ will be given by the system as default.
4. hh3cCBQoSMatchRuleType must be bound when creating a new entry of this table.
5. If the hh3cCBQoSMatchRuleType is matchRuleAny(1), matchRuleIPv4Protocol(4), or matchRuleIPv6Protocol(5) , hh3cCBQoSMatchRuleStringValue, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.
6. If the hh3cCBQoSMatchRuleType is matchRuleIpv4Acl(2), matchRuleIPv6Acl(3), one of hh3cCBQoSMatchRuleStringValue and hh3cCBQoSMatchRuleIntValue1 must be bound ,hh3cCBQoSMatchRuleIntValue2 must not be bound.
7. If the hh3cCBQoSMatchRuleType is matchRuleIpPre(8), matchRuleVlan8021p(9),matchRuleMplsExp(10),matchRuleQosLocalID(15), matchRuleLocalPrecedence(22) ,hh3cCBQoSMatchRuleIntValue1 must be bound, hh3cCBQoSMatchRuleIntValue2 and hh3cCBQoSMatchRuleStringValue must not be bound.
8. If the hh3cCBQoSMatchRuleType is matchRuleDscp(7)，matchRulePacketLength(29), only hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 can be bound, hh3cCBQoSMatchRuleStringValue must not be bound.
9. If the hh3cCBQoSMatchRuleType is matchRuleRtpPort(18), hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must be bound together, hh3cCBQoSMatchRuleStringValue must not be bound.
10. If the hh3cCBQoSMatchRuleType is matchRuleSourceMac(13), matchRuleDestinationMac(14),matchRuleClassifier(16),matchRuleInboundInterface(17),matchRuleVlanID(20),hh3cCBQoSMatchRuleStringValue must be bound, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSMatchRuleIndex (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSMatchRuleIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.3) | read-create | Current | Only support matchRuleAny(1), matchRuleIpv4Acl(2), matchRuleIpv6Acl(3),  matchRuleIpv4Protocol(4), matchRuleIpv6Protocol(5),  matchRuleDscp(7),matchIpPre(8),matchRuleVlan8021p(9),matchRuleMplsExp(10),matchSourceMac(13),matchDestinationMac(14),matchQosLocalId(15),matchRuleClassifier(16),matchInboundInterface(17),matchRtpPort(18),matchVlanID(20), ,matchRuleLocalPrecedence(22), ,matchRulePacketLentch(29) |
| hh3cCBQoSMatchRuleStringValue (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleIntValue1 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.5) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleIntValue2 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.6) | read-create | Current | As per MIB |
| hh3cCBQoSMatchIpAddressType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.7) | read-create | Current | Not supported  The value is always unknown(0). |
| hh3cCBQoSMatchIpAddress (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.8) | read-create | Current | Not supported.  The value is always zero length. |
| hh3cCBQoSMatchRuleRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.9) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSMatchRuleCfgInfoTable (Not supported by MSR26)

**OID: 1.3.6.1.4.1.25506.2.65.2.1.1.3**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQosClassifierMatchRuleNextIndex from table hh3cCBQoSClassifierCfgInfoTable
2. Use the value as hh3cCBQoSMatchRuleIndex to create the new entry of this table.
3. If hh3cCBQoSMatchRuleIfNot is not bound when creating a new entry of this table, the value ‘match’ will be given by the system as default.
4. hh3cCBQoSMatchRuleType must be bound when creating a new entry of this table.
5. If the hh3cCBQoSMatchRuleType is matchRuleAny(1), matchRuleIPv4Protocol(4), matchRuleIPv6Protocol(5) , or matchRuleArpProtocol(30),hh3cCBQoSMatchRuleStringValue, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.
6. If the hh3cCBQoSMatchRuleType is matchRuleIpv4Acl(2), matchRuleIPv6Acl(3), one of hh3cCBQoSMatchRuleStringValue and hh3cCBQoSMatchRuleIntValue1 must be bound ,hh3cCBQoSMatchRuleIntValue2 must not be bound.
7. If the hh3cCBQoSMatchRuleType is matchRuleIpPre(8), matchRuleVlan8021p(9),matchRuleMplsExp(10),matchRuleQosLocalID(15), matchRuleLocalPrecedence(22) ,hh3cCBQoSMatchRuleIntValue1 must be bound, hh3cCBQoSMatchRuleIntValue2 and hh3cCBQoSMatchRuleStringValue must not be bound.
8. If the hh3cCBQoSMatchRuleType is matchRuleDscp(7)，matchRulePacketLength(29), only hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 can be bound, hh3cCBQoSMatchRuleStringValue must not be bound.
9. If the hh3cCBQoSMatchRuleType is matchRuleRtpPort(18), hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must be bound together, hh3cCBQoSMatchRuleStringValue must not be bound.
10. If the hh3cCBQoSMatchRuleType is matchRuleSourceMac(13), matchRuleDestinationMac(14),matchRuleClassifier(16),matchRuleInboundInterface(17),matchRuleVlanID(20),hh3cCBQoSMatchRuleStringValue must be bound, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSMatchRuleIndex (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSMatchRuleIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.3) | read-create | Current | Only support matchRuleAny(1), matchRuleIpv4Acl(2), matchRuleIpv6Acl(3),  matchRuleIpv4Protocol(4), matchRuleIpv6Protocol(5),  matchRuleDscp(7),matchIpPre(8),matchRuleVlan8021p(9),matchRuleMplsExp(10),matchSourceMac(13),matchDestinationMac(14),matchQosLocalId(15),matchRuleClassifier(16),matchInboundInterface(17),matchRtpPort(18),matchVlanID(20), ,matchRuleLocalPrecedence(22), ,matchRulePacketLentch(29),matchRuleArpProtocol(30) |
| hh3cCBQoSMatchRuleStringValue (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleIntValue1 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.5) | read-create | Current | As per MIB |
| hh3cCBQoSMatchRuleIntValue2 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.6) | read-create | Current | As per MIB |
| hh3cCBQoSMatchIpAddressType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.7) | read-create | Current | Not supported  The value is always unknown(0). |
| hh3cCBQoSMatchIpAddress (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.8) | read-create | Current | Not supported.  The value is always zero length. |
| hh3cCBQoSMatchRuleRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.9) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSBehaviorCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.2**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQoSBehaviorIndexNext.
2. Use the value as hh3cCBQoSBehaviorIndex to create the new entry of this table.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSBehaviorIndex (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSBehaviorName (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSBehaviorType (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.3) | read-only | Current | As per MIB |
| hh3cCBQoSBehaviorRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.4) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSCarCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.3**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

hh3cCBQoSCarCir must be bound when creating a new entry of this table.

When creating a new entry, if hh3cCBQoSCarGreenAction is pass(1) or discard(3), hh3cCBQoSCarGreenRemarkValue must not be bound.

When creating a new entry, if hh3cCBQoSCarYellowAction is pass(1) or discard(3), hh3cCBQoSCarYellowRemarkValue must not be bound.

When creating a new entry, if hh3cCBQoSCarRedAction is pass(1) or discard(3), hh3cCBQoSCarRedRemarkValue must not be bound.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSCarCir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.1) | read-create | Current | Range from 8 to 10000000.. |
| hh3cCBQoSCarCbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.2) | read-create | Current | Range from 1000 to 1000000000 |
| hh3cCBQoSCarEbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.3) | read-create | Current | Range from 0 to 1000000000 |
| hh3cCBQoSCarPir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.4) | read-create | Current | Range from 8 to 10000000 |
| hh3cCBQoSCarPbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.5) | read-create | Current | Not supported. The value is always 4294967295. |
| hh3cCBQoSCarGreenAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.6) | read-create | Current | Only support pass(1),discard(3),remark-ip-pass(6), remark-mplsexp-pass(8),  remark-dscp-pass(10),remark-dot1p-pass(12) |
| hh3cCBQoSCarGreenRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.7) | read-create | Current | As per MIB |
| hh3cCBQoSCarYellowAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.8) | read-create | Current | Only support pass(1),discard(3),remark-ip-pass(6), remark-mplsexp-pass(8),remark-dscp-pass(10),remark-dot1p-pass(12) |
| hh3cCBQoSCarYellowRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.9) | read-create | Current | As per MIB |
| hh3cCBQoSCarRedAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.10) | read-create | Current | Only support pass(1),discard(3),remark-ip-pass(6), remark-mplsexp-pass(8),remark-dscp-pass(10),remark-dot1p-pass(12) |
| hh3cCBQoSCarRedRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.11) | read-create | Current | As per MIB |
| hh3cCBQoSCarPolicedPriorityMapType (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.12) | read-create | Current | Not supported. The value is always none(0). |
| hh3cCBQoSCarRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.13) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSRemarkCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.6**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Use the value as hh3cCBQoSBehaviorIndex and hh3cCBQoSRemarkType to create the new entry of this table.
2. hh3cCBQoSRemarkType can use the values, such as typeIpPrecedence(1), typeDscp(2),typeMplsExp(3), typeVlan8021p(4), typeQosLocalID(8), typeDropPrecedence(9), typeLocalPrecedence(10).
3. hh3cCBQoSRemarkValue must be set according to the value of hh3cCBQoSRemarkType.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSRemarkType (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.1) | not-accessible | Current | Only support type IpPrecedence(1), Dscp(2), MplsExp(3),Vlan8021p(4), QosLocalID(8), DropPrecedence(9), LocalPrecedence(10) |
| hh3cCBQoSRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSRemarkRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSQueueCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.7**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

hh3cCBQoSQueueType must be bound when creating a new entry of this table.

If hh3cCBQoSQueueType is ef(1), only hh3cCBQoSQueueBandwidthUnit, hh3cCBQoSQueueBandwidthValue, hh3cCBQoSQueueCbs, hh3cCBQoSQueueCbsRatio and hh3cCBQoSQueueRowStatus can be bound.

If hh3cCBQoSQueueType is af(2), , hh3cCBQoSQueueLength, hh3cCBQoSQueueBandwidthUnit, hh3cCBQoSQueueBandwidthValue and hh3cCBQoSQueueRowStatus can be bound.

If hh3cCBQoSQueueType is wfq(3), hh3cCBQoSQueueLength, hh3cCBQoSQueueQueueNumber and hh3cCBQoSQueueRowStatus can be bound.

hh3cCBQoSQueueCbs can be bound only when hh3cCBQoSQueueBandwidthUnit is unitAbsolute(1).

hh3cCBQoSQueueCbsRatio can be bound only when hh3cCBQoSQueueBandwidthUnit is unitPercent(2).

When creating a new entry of this table, if hh3cCBQoSQueueType is ef(1) or af(2), hh3cCBQoSQueueBandwidthUnit and hh3cCBQoSQueueBandwidthValue must be bound.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSQueueType (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.1) | read-create | Current | As per MIB |
| hh3cCBQoSQueueDropType (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.2) | read-create | Current | Not supported. |
| hh3cCBQoSQueueLength (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.3) | read-create | Current | Range from 1 to 1024 |
| hh3cCBQoSQueueBandwidthUnit (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSQueueBandwidthValue (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.5) | read-create | Current | Range from 1 to 10000000 |
| hh3cCBQoSQueueCbs (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.6) | read-create | Current | Range from 32 to 1000000000 |
| hh3cCBQoSQueueQueueNumber (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.7) | read-create | Current | Range from 16 to 4096.The value must be a power of 2 |
| hh3cCBQoSQueueCbsRatio (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.8) | read-create | Current | Range from 25 to 500 |
| hh3cCBQoSQueueRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.7.1.9) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSFirewallCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.12**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSFirewallAction (1.3.6.1.4.1.25506.2.65.2.1.2.12.1.1) | read-create | Current | As per MIB |
| hh3cCBQoSFirewallRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.12.1.2) | read-create | Current | As per MIB |

## hh3cCBQoSNestPolicyCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.2.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSNestPolicyName (1.3.6.1.4.1.25506.2.65.2.1.2.19.1.1) | read-create | Current | As per MIB |
| hh3cCBQoSNestPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.19.1.2) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSPolicyCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.3.2**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQoSPolicyIndexNext
2. Use the value as hh3cCBQoSPolicyIndex to create the new entry of this table.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSPolicyIndex (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSPolicyName (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSPolicyClassCount (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.3) | read-only | Current | As per MIB |
| hh3cCBQoSPolicyConfigMode (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.4) | read-create | Current | Not supported. The value is always unavailable(0). |
| hh3cCBQoSPolicyType (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.5) | read-only | Current | As per MIB |
| hh3cCBQoSPolicyClassNextIndex (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.6) | read-only | Current | If the value of this object is 2147483647, it indicates that no CBMap can be created in hh3cCBQoSPolicyClassCfgInfoTable. |
| hh3cCBQoSPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.7) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSPolicyClassCfgInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.3.3**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

When creating a new entry of this table:

1. Get the value of hh3cCBQoSPolicyClassNextIndex from table hh3cCBQoSPolicyCfgInfoTable
2. Use the value as hh3cCBQoSPolicyClassIndex to create the new entry of this table.
3. The hh3cCBQoSPolicyClassClassifierIndex and hh3cCBQoSPolicyClassBehaviorIndex must be available, or the creating will fail.
4. Variables that must be bound when creating a new entry of this table include hh3cCBQoSPolicyClassClassifierIndex and hh3cCBQoSPolicyClassBehaviorIndex.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSPolicyClassIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSPolicyClassClassifierIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSPolicyClassClassifierName (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.3) | read-only | Current | As per MIB |
| hh3cCBQoSPolicyClassBehaviorIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSPolicyClassBehaviorName (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.5) | read-only | Current | As per MIB |
| hh3cCBQoSPolicyClassPrecedence (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.6) | read-create | Current | Not supported. The value is always 2147483647. |
| hh3cCBQoSPolicyClassRowStatus (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.7) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSPolicyClassMode (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.8) | read-create | Current | Not supported.The value is always modeNo(1). |
| hh3cCBQoSPolicyClassCfgOrder (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.9) | read-only | Current | Not supported.The value is always 0. |

## hh3cCBQoSIfApplyPolicyTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.4.1**

This table does not support to modify the variable of existing entry, only supports to create a new entry and destroy an existing entry.

hh3cCBQoSIfApplyPolicyName must be bound in a set operation.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSIfApplyPolicyIfIndex (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cCBQoSIfApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.2) | accessible-for-notify | Current | As per MIB |
| hh3cCBQoSIfApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.3) | read-create | Current | As per MIB |
| hh3cCBQoSIfApplyPolicyEnableDynamic (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.4) | read-create | Current | Not supported.The value is always unavailable(1). |
| hh3cCBQoSIfApplyPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSIfApplyPolicyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.6) | read-only | Current | As per MIB |

## hh3cCBQoSApplyObjectTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSApplyObjectType (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.2) | read-only | Current | Only support interface(1). |
| hh3cCBQoSApplyObjectDirection (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.3) | read-only | Current | As per MIB |
| hh3cCBQoSApplyObjectMainSite (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.4) | read-only | Current | As per MIB |
| hh3cCBQoSApplyObjectSubChannel (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.5) | read-only | Current | Not support.The value is always 4294967295 |
| hh3cCBQoSApplyObjectSubClass (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.6) | read-only | Current | As per MIB |
| hh3cCBQoSApplyObjectSubClassSec (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.7) | read-only | Current | As per MIB |

## hh3cCBQoSIntApplyObjectTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSIntApplyObjectIfIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.2.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSIntApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.2.1.2) | read-only | Current | As per MIB |

## hh3cCBQoSNestPolicyApplyObjectTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.5.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSNestPolicyClassIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.5.1.1) | not-accessible | No | As per MIB |
| hh3cCBQoSNestPolicyApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.5.1.2) | read-only | No | As per MIB |

## hh3cCBQoSCbqRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSCbqQueueSize (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.1) | read-only | No | As per MIB |
| hh3cCBQoSCbqDiscard (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.2) | read-only | No | As per MIB |
| hh3cCBQoSCbqEfQueueSize (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.3) | read-only | No | As per MIB |
| hh3cCBQoSCbqAfQueueSize (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.4) | read-only | No | As per MIB |
| hh3cCBQoSCbqBeQueueSize (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.5) | read-only | No | As per MIB |
| hh3cCBQoSCbqBeActiveQueueNum (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.6) | read-only | No | As per MIB |
| hh3cCBQoSCbqBeMaxActiveQueueNum (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.7) | read-only | No | As per MIB |
| hh3cCBQoSCbqBeTotalQueueNum (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.8) | read-only | Current | As per MIB |
| hh3cCBQoSCbqAfAllocatedQueueNum (1.3.6.1.4.1.25506.2.65.2.1.5.6.1.1.9) | read-only | No | As per MIB |

## hh3cCBQoSClassMatchRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.6.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSClassMatchedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.1) | read-only | No | As per MIB |
| hh3cCBQoSClassMatchedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.2) | read-only | No | As per MIB |
| hh3cCBQoSClassFwdPktpps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.3) | read-only | No | Not support.The value is always 0 |
| hh3cCBQoSClassFwdPktbps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.4) | read-only | No | Not support.The value is always 0 |
| hh3cCBQoSClassDropPktpps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.5) | read-only | No | Not support.The value is always 0 |
| hh3cCBQoSClassDropPktbps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.6) | read-only | No | Not support.The value is always 0 |
| hh3cCBQoSClassFlowStatInterval (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.7) | read-only | No | Not support.The value is always 0 |
| hh3cCBQoSClassBehaviorStatus (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.8) | read-only | No | As per MIB |

## hh3cCBQoSCarRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.6.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSCarGreenPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.1) | read-only | No | As per MIB |
| hh3cCBQoSCarGreenBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.2) | read-only | No | As per MIB |
| hh3cCBQoSCarRedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.3) | read-only | No | As per MIB |
| hh3cCBQoSCarRedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.4) | read-only | No | As per MIB |
| hh3cCBQoSCarYellowPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.5) | read-only | No | As per MIB |
| hh3cCBQoSCarYellowBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.6) | read-only | No | As per MIB |

## hh3cCBQoSRemarkRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.6.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSRemarkedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.5.1.1) | read-only | No | As per MIB |

## hh3cCBQoSQueueRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.2.1.5.6.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCBQoSQueueMatchedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.1) | read-only | No | As per MIB |
| hh3cCBQoSQueueMatchedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.2) | read-only | No | As per MIB |
| hh3cCBQoSQueueEnqueuedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.3) | read-only | No | As per MIB |
| hh3cCBQoSQueueEnqueuedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.4) | read-only | No | As per MIB |
| hh3cCBQoSQueueDiscardedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.5) | read-only | No | As per MIB |
| hh3cCBQoSQueueDiscardedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.6.1.6) | read-only | No | As per MIB |

# HH3C-COMMON-SYSTEM-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cWriteConfig (1.3.6.1.4.1.25506.6.5) | read-write | No | Not supported |
| hh3cStartFtpServer (1.3.6.1.4.1.25506.6.6) | read-write | Current | Not supported |
| hh3cReboot (1.3.6.1.4.1.25506.6.7) | read-write | No | As per MIB |
| hh3cSoftwareVersion(1.3.6.1.4.1.25506.6.9) | read-only | No | Not supported |
| hh3cSysBootType(1.3.6.1.4.1.25506.6.10) | read-only | No | Not supported |

## hh3cSystemInfo

**OID: 1.3.6.1.4.1.25506.6.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysStatisticPeriod (1.3.6.1.4.1.25506.6.11.1) | read-write | No | Not supported |
| hh3cSysSamplePeriod (1.3.6.1.4.1.25506.6.11.2) | read-write | No | Not supported |
| hh3cSysTrapResendPeriod (1.3.6.1.4.1.25506.6.11.3) | read-write | No | Not supported |
| hh3cSysTrapCollectionPeriod (1.3.6.1.4.1.25506.6.11.4) | read-write | No | Not supported |
| hh3cSysSnmpPort (1.3.6.1.4.1.25506.6.11.5) | read-only | No | Not supported |
| hh3cSysSnmpTrapPort (1.3.6.1.4.1.25506.6.11.6) | read-only | No | Not supported |
| hh3cSysNetID (1.3.6.1.4.1.25506.6.11.7) | read-write | No | Not supported |
| hh3cSysLastSampleTime (1.3.6.1.4.1.25506.6.11.8) | read-only | No | Not supported |
| hh3cSysTrapSendNum  (1.3.6.1.4.1.25506.6.11.9) | read-write | No | Not supported |
| hh3cSysFirstTrapTime  (1.3.6.1.4.1.25506.6.11.10) | accessible-for-notify | No | Not supported |
| hh3cSysBannerMOTD  (1.3.6.1.4.1.25506.6.11.11) | read-write | Current | As per MIB |

## hh3cSystemDiagInfoTable

**OID: 1.3.6.1.4.1.25506.6.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSystemDiagInfoIndex (1.3.6.1.4.1.25506.6.13.1.1) | not-accessible | No | As per MIB |
| hh3cSystemDiagInfoFilename (1.3.6.1.4.1.25506.6.13.1.2) | read-create | No | As per MIB |
| hh3cSystemDiagInfoRowStatus (1.3.6.1.4.1.25506.6.13.1.3) | read-create | No | As per MIB |
| hh3cSystemDiagInfoOperEndTime(1.3.6.1.4.1.25506.6.13.1.4) | read-only | No | As per MIB |
| hh3cSystemDiagInfoOperState (1.3.6.1.4.1.25506.6.13.1.5) | read-only | No | As per MIB |
| hh3cSystemDiagInfoOperFailReason (1.3.6.1.4.1.25506.6.13.1.6) | read-only | No | As per MIB |

# HH3C-CONFIG-MAN-MIB

A configuration management MIB, includes configuration log management and Backup & Restore operation of configuration.

All the configuration change events can be managed by the log management MIB. The configuration may be changed by CLI, SNMP or other ways defined as the MIB.

Backup & Restore MIB group provides the configuration backup and restore among flash, memory and network.

Note: Writing flash can be done by backup(save) as described in figure below.

restore

backup(ftp/tftp)

backup(save)

restore(ftp/tftp)

backup(ftp/tftp)

restore

## hh3cCfgLog group

### Scalar objects of hh3cCfgLog group

**OID: 1.3.6.1.4.1.25506.2.4.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgRunModifiedLast (1.3.6.1.4.1.25506.2.4.1.1.1) | read-only | No | If system detects the current configuration has been changed, the value will be updated. Executing SNMP SET operation, the value will also be updated. |
| hh3cCfgRunSavedLast (1.3.6.1.4.1.25506.2.4.1.1.2) | read-only | No | As per MIB |
| hh3cCfgStartModifiedLast (1.3.6.1.4.1.25506.2.4.1.1.3) | read-only | No | As per MIB |
| hh3cCfgLogLimitedEntries (1.3.6.1.4.1.25506.2.4.1.1.4) | read-only | No | As per MIB |
| hh3cCfgLogDeletedEntries (1.3.6.1.4.1.25506.2.4.1.1.5) | read-only | No | As per MIB |
| hh3cCfgLogWantBackup (1.3.6.1.4.1.25506.2.4.1.1.6) | read-write | No | Available for distributed systems. Always false value for a centralized system. |
| hh3cCfgFirstTrapTime  (1.3.6.1.4.1.25506.2.4.1.1.8) | accessible-for-notify | No | Not supported |

### hh3cCfgLogTable

**OID: 1.3.6.1.4.1.25506.2.4.1.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgLogIndex (1.3.6.1.4.1.25506.2.4.1.1.7.1.1) | not-accessible | No | As per MIB |
| hh3cCfgLogTime (1.3.6.1.4.1.25506.2.4.1.1.7.1.2) | read-only | No | As per MIB |
| hh3cCfgLogSrcCmd (1.3.6.1.4.1.25506.2.4.1.1.7.1.3) | read-only | No | As per MIB |
| hh3cCfgLogSrcData (1.3.6.1.4.1.25506.2.4.1.1.7.1.4) | read-only | No | As per MIB |
| hh3cCfgLogDesData (1.3.6.1.4.1.25506.2.4.1.1.7.1.5) | read-only | No | As per MIB |
| hh3cCfgLogTerminalType (1.3.6.1.4.1.25506.2.4.1.1.7.1.6) | read-only | No | As per MIB |
| hh3cCfgLogTerminalUser (1.3.6.1.4.1.25506.2.4.1.1.7.1.7) | read-only | No | When users modify configuration through SNMP agent, the value of this instance is the name of the SNMP v3 user. A snmp operation produce two piece of log, the value of this instance in the second log is a zero length string. |
| hh3cCfgLogTerminalNum (1.3.6.1.4.1.25506.2.4.1.1.7.1.8) | read-only | No | As per MIB |
| hh3cCfgLogTerminalLocation (1.3.6.1.4.1.25506.2.4.1.1.7.1.9) | read-only | No | As per MIB |
| hh3cCfgLogCmdSrcAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.10) | read-only | No | As per MIB |
| hh3cCfgLogVirHost (1.3.6.1.4.1.25506.2.4.1.1.7.1.11) | read-only | No | A zero length string. |
| hh3cCfgLogUserName (1.3.6.1.4.1.25506.2.4.1.1.7.1.12) | read-only | No | When the value of hh3cCfgLogSrcCmd is “cmdLine”, the value of this instance is a zero length string. |
| hh3cCfgLogServerAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.13) | read-only | No | A snmp operation produce two piece of log, the value of this instance in the first log is always 0.0.0.0, and this instance in the second log is 0.0.0.0 when hh3cCfgLogSrcData and hh3cCfgLogDesData haven’t the value of “netFtp”. |
| hh3cCfgLogFile (1.3.6.1.4.1.25506.2.4.1.1.7.1.14) | read-only | No | As per MIB |
| hh3cCfgLogCmdSrcAddrType  (1.3.6.1.4.1.25506.2.4.1.1.7.1.15) | read-only | No | Not supported |
| hh3cCfgLogCmdSrcAddrRev  (1.3.6.1.4.1.25506.2.4.1.1.7.1.16) | read-only | No | Not supported |
| hh3cCfgLogCmdSrcAddrVPNName(1.3.6.1.4.1.25506.2.4.1.1.7.1.17) | read-only | No | Not supported |
| hh3cCfgLogServerAddrType  (1.3.6.1.4.1.25506.2.4.1.1.7.1.18) | read-only | No | Not supported |
| hh3cCfgLogServerAddrRev  (1.3.6.1.4.1.25506.2.4.1.1.7.1.19) | read-only | No | Not supported |
| hh3cCfgLogServerAddrVPNName(1.3.6.1.4.1.25506.2.4.1.1.7.1.20) | read-only | No | Not supported |

## hh3cCfgOperate group

### Scalar objects of hh3cCfgOperate group

**OID: 1.3.6.1.4.1.25506.2.4.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgOperateGlobalEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.1) | read-only | No | As per MIB |
| hh3cCfgOperateEntryAgeOutTime (1.3.6.1.4.1.25506.2.4.1.2.2) | read-write | No | As per MIB |
| hh3cCfgOperateResultGlobalEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.3) | read-write | No | As per MIB |
| hh3cCfgReset  1.3.6.1.4.1.25506.2.4.1.2.7 | read-write | No | As per MIB |

### hh3cCfgOperateTable

**OID: 1.3.6.1.4.1.25506.2.4.1.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgOperateIndex (1.3.6.1.4.1.25506.2.4.1.2.4.1.1) | not-accessible | No | This index can be randomly selected from 1 to 2147483647 |
| hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2) | read-create | No | As per MIB |
| hh3cCfgOperateProtocol (1.3.6.1.4.1.25506.2.4.1.2.4.1.3) | read-create | No | As per MIB |
| hh3cCfgOperateFileName (1.3.6.1.4.1.25506.2.4.1.2.4.1.4) | read-create | No | The maximum length of the full file name (including path and file name) is 128. |
| hh3cCfgOperateServerAddress (1.3.6.1.4.1.25506.2.4.1.2.4.1.5) | read-create | No | As per MIB |
| hh3cCfgOperateUserName (1.3.6.1.4.1.25506.2.4.1.2.4.1.6) | read-create | No | When the operation type is running2Net, net2Running, net2Startup or startup2net, the user name for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp.  The length of name is no more than 40 characters, and must larger than 0 characters. |
| hh3cCfgOperateUserPassword (1.3.6.1.4.1.25506.2.4.1.2.4.1.7) | read-create | No | When the operation type is running2Net, net2Running, net2Startup or startup2net, the user password for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp.  The length of password is no more than 40 characters, and must larger than 0 characters.  A zero-length string will be returned when read. |
| hh3cCfgOperateEndNotificationSwitch (1.3.6.1.4.1.25506.2.4.1.2.4.1.8) | read-create | No | As per MIB |
| hh3cCfgOperateRowStatus (1.3.6.1.4.1.25506.2.4.1.2.4.1.9) | read-create | No | The status of this table entry. When the status is active all the object's value in the entry is not allowed to modify, except itself.  The configuration operation requests which are in progress are not allowed to destroy. |
| hh3cCfgOperateServerPort  (1.3.6.1.4.1.25506.2.4.1.2.4.1.10) | read-create | No | As per MIB |
| hh3cCfgOperateSrvAddrType  (1.3.6.1.4.1.25506.2.4.1.2.4.1.11) | read-create | No | Only support ipv4,ipv6 and dns. |
| hh3cCfgOperateSrvAddrRev  (1.3.6.1.4.1.25506.2.4.1.2.4.1.12) | read-create | No | When the address type is ipv4,ipv6 or dns, the address should be specified.  when it is ipv4 address,the length of address must be 4 characters; when it is ipv6 address,the length of address must be 16 characters; when it is dns,the length of address is no more than 253 characters and must larger than 0 characters. |
| hh3cCfgOperateSrvVPNName(1.3.6.1.4.1.25506.2.4.1.2.4.13) | read-create | No | The length of vpn is no more than 31 characters, and must larger than 0 characters. |

### hh3cCfgOperateResultTable

**OID: 1.3.6.1.4.1.25506.2.4.1.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgOperateResultIndex (1.3.6.1.4.1.25506.2.4.1.2.5.1.1) | not-accessible | No | As per MIB |
| hh3cCfgOperateResultOptIndex (1.3.6.1.4.1.25506.2.4.1.2.5.1.2) | read-only | No | As per MIB |
| hh3cCfgOperateResultOpType (1.3.6.1.4.1.25506.2.4.1.2.5.1.3) | read-only | No | As per MIB |
| hh3cCfgOperateState (1.3.6.1.4.1.25506.2.4.1.2.5.1.4) | read-only | No | The operation result of the hh3cCfgOperateTable.  The signification of opFileOpenError(13) is:  invalid file name; file not found in partition; access violation. |
| hh3cCfgOperateTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.5) | read-only | No | As per MIB |
| hh3cCfgOperateEndTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.6) | read-only | No | As per MIB |
| hh3cCfgOperFailReason  (1.3.6.1.4.1.25506.2.4.1.2.5.1.7) | read-only | No | As per MIB |

### Scalar objects of hh3cCfgExecuteOperate group

**OID: 1.3.6.1.4.1.25506.2.4.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgExecuteOperateResultEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.6.1) | read-write | No | As per MIB |

### hh3cCfgExecuteResultTable

**OID: 1.3.6.1.4.1.25506.2.4.1.2.6.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cCfgExecuteResultIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.1) | not-accessible | No | As per MIB |
| hh3cCfgExecuteResultOptIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.2) | read-only | No | As per MIB |
| hh3cCfgExecuteResultOpType (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.3) | read-only | No | As per MIB |
| hh3cCfgExecuteState (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.4) | read-only | No | As per MIB |
| hh3cCfgExecuteTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.5) | read-only | No | As per MIB |
| hh3cCfgExecuteEndTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.6) | read-only | No | As per MIB |

# HH3C-DHCP4-MIB

## hh3cDhcpServer2ConfigGroup

**OID: 1.3.6.1.4.1.25506.2.122.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2Enabled (1.3.6.1.4.1.25506.2.122.1.1.1) | read-write | Current | As per MIB |
| hh3cDhcpServer2AlwaysBroadcast (1.3.6.1.4.1.25506.2.122.1.1.2) | read-write | Current | As per MIB |
| hh3cDhcpServer2IgnoreBootp (1.3.6.1.4.1.25506.2.122.1.1.3) | read-write | Current | As per MIB |
| hh3cDhcpServer2BootpReplyRfc1048 (1.3.6.1.4.1.25506.2.122.1.1.4) | read-write | Current | As per MIB |
| hh3cDhcpServer2Opt82Enabled (1.3.6.1.4.1.25506.2.122.1.1.5) | read-write | Current | As per MIB |
| hh3cDhcpServer2PingNumber (1.3.6.1.4.1.25506.2.122.1.1.6) | read-write | Current | As per MIB |
| hh3cDhcpServer2PingTimeout (1.3.6.1.4.1.25506.2.122.1.1.7) | read-write | Current | As per MIB |

## hh3cDhcpServer2StatGroup

**OID: 1.3.6.1.4.1.25506.2.122.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2BadNum (1.3.6.1.4.1.25506.2.122.1.2.1) | read-only | No | As per MIB |
| hh3cDhcpServer2BootpRequestNum (1.3.6.1.4.1.25506.2.122.1.2.2) | read-only | No | As per MIB |
| hh3cDhcpServer2DiscoverNum (1.3.6.1.4.1.25506.2.122.1.2.3) | read-only | No | As per MIB |
| hh3cDhcpServer2RequestNum (1.3.6.1.4.1.25506.2.122.1.2.4) | read-only | No | As per MIB |
| hh3cDhcpServer2DeclineNum (1.3.6.1.4.1.25506.2.122.1.2.5) | read-only | No | As per MIB |
| hh3cDhcpServer2ReleaseNum (1.3.6.1.4.1.25506.2.122.1.2.6) | read-only | No | As per MIB |
| hh3cDhcpServer2InformNum  (1.3.6.1.4.1.25506.2.122.1.2.7) | read-only | No | As per MIB |
| hh3cDhcpServer2BootpReplyNum  (1.3.6.1.4.1.25506.2.122.1.2.8) | read-only | No | As per MIB |
| hh3cDhcpServer2OfferNum  (1.3.6.1.4.1.25506.2.122.1.2.9) | read-only | No | As per MIB |
| hh3cDhcpServer2AckNum  (1.3.6.1.4.1.25506.2.122.1.2.10) | read-only | No | As per MIB |
| hh3cDhcpServer2NakNum  (1.3.6.1.4.1.25506.2.122.1.2.11) | read-only | No | As per MIB |
| hh3cDhcpServer2TotalPoolUsage  (1.3.6.1.4.1.25506.2.122.1.2.12) | read-only | No | As per MIB |
| hh3cDhcpServer2PoolNumber  (1.3.6.1.4.1.25506.2.122.1.2.13) | read-only | No | As per MIB |
| h3cDhcpServer2ConflictNum (1.3.6.1.4.1.25506.2.122.1.2.14) | read-only | No | As per MIB |
| hh3cDhcpServer2AutoBindNum  (1.3.6.1.4.1.25506.2.122.1.2.15) | read-only | No | As per MIB |
| hh3cDhcpServer2ManualBindNum  (1.3.6.1.4.1.25506.2.122.1.2.16) | read-only | No | As per MIB |
| hh3cDhcpServer2ExpiredBindNum  (1.3.6.1.4.1.25506.2.122.1.2.17) | read-only | No | As per MIB |

## hh3cDhcpServer2PoolTable

**OID: 1.3.6.1.4.1.25506.2.122.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolIndex (1.3.6.1.4.1.25506.2.122.2.1.1.1) | not-accessible | Current | The range is different for different product. |
| hh3cDhcpServer2PoolName (1.3.6.1.4.1.25506.2.122.2.1.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVpnName (1.3.6.1.4.1.25506.2.122.2.1.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolNetwork (1.3.6.1.4.1.25506.2.122.2.1.1.4) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolNetworkMask (1.3.6.1.4.1.25506.2.122.2.1.1.5) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolStartAddr (1.3.6.1.4.1.25506.2.122.2.1.1.6) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolEndAddr (1.3.6.1.4.1.25506.2.122.2.1.1.7) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseDay (1.3.6.1.4.1.25506.2.122.2.1.1.8) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseHour (1.3.6.1.4.1.25506.2.122.2.1.1.9) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseMinute (1.3.6.1.4.1.25506.2.122.2.1.1.10) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseSecond (1.3.6.1.4.1.25506.2.122.2.1.1.11) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseUnlimit (1.3.6.1.4.1.25506.2.122.2.1.1.12) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolLeaseTime (1.3.6.1.4.1.25506.2.122.2.1.1.13) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolDomainName (1.3.6.1.4.1.25506.2.122.2.1.1.14) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolGatewayIP (1.3.6.1.4.1.25506.2.122.2.1.1.15) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolDNSIP(1.3.6.1.4.1.25506.2.122.2.1.1.16) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolPrimaryDNSIP (1.3.6.1.4.1.25506.2.122.2.1.1.17) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolSecondDNSIP (1.3.6.1.4.1.25506.2.122.2.1.1.18) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolNetbiosType (1.3.6.1.4.1.25506.2.122.2.1.1.19) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolNbnsIP(1.3.6.1.4.1.25506.2.122.2.1.1.20) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolBootFileName (1.3.6.1.4.1.25506.2.122.2.1.1.21) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolBimsIP(1.3.6.1.4.1.25506.2.122.2.1.1.22) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolBimsPort (1.3.6.1.4.1.25506.2.122.2.1.1.23) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolBimsKeyStr (1.3.6.1.4.1.25506.2.122.2.1.1.24) | read-create | Current | The GET operation is not supported. |
| hh3cDhcpServer2PoolNextServer (1.3.6.1.4.1.25506.2.122.2.1.1.25) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolTftpDomName (1.3.6.1.4.1.25506.2.122.2.1.1.26) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolTftpIP (1.3.6.1.4.1.25506.2.122.2.1.1.27) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceAsIP (1.3.6.1.4.1.25506.2.122.2.1.1.28) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceFailIP (1.3.6.1.4.1.25506.2.122.2.1.1.29) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceFailStr (1.3.6.1.4.1.25506.2.122.2.1.1.30) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceNCPIP (1.3.6.1.4.1.25506.2.122.2.1.1.31) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceVlanId (1.3.6.1.4.1.25506.2.122.2.1.1.32) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVoiceVlanEnbl (1.3.6.1.4.1.25506.2.122.2.1.1.33) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolRowStatus (1.3.6.1.4.1.25506.2.122.2.1.1.34) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolVerifyClass(1.3.6.1.4.1.25506.2.122.2.1.1.35) | read-create | Current | As per MIB |

## hh3cDhcpServer2IfApplyPoolTable

**OID: 1.3.6.1.4.1.25506.2.122.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2IfApplyPoolName (1.3.6.1.4.1.25506.2.122.2.2.1.1) | read-write | Current | As per MIB |

## hh3cDhcpServer2PoolSecNwTable

**OID: 1.3.6.1.4.1.25506.2.122.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolSecNw(1.3.6.1.4.1.25506.2.122.2.3.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolSecNwMask (1.3.6.1.4.1.25506.2.122.2.3.1.2) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolSecNwGwIP (1.3.6.1.4.1.25506.2.122.2.3.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolSecNwStatus (1.3.6.1.4.1.25506.2.122.2.3.1.4) | read-create | Current | As per MIB |

## hh3cDhcpServer2PoolClassTable

**OID: 1.3.6.1.4.1.25506.2.122.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolClassName (1.3.6.1.4.1.25506.2.122.2.4.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolClassStart (1.3.6.1.4.1.25506.2.122.2.4.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolClassEnd  (1.3.6.1.4.1.25506.2.122.2.4.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolClassStatus (1.3.6.1.4.1.25506.2.122.2.4.1.4) | read-create | Current | As per MIB |

## hh3cDhcpServer2PoolStaticTable

**OID: 1.3.6.1.4.1.25506.2.122.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolStaticIP (1.3.6.1.4.1.25506.2.122.2.5.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolStaticMask (1.3.6.1.4.1.25506.2.122.2.5.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolStaticCID (1.3.6.1.4.1.25506.2.122.2.5.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolStaticHAddr  (1.3.6.1.4.1.25506.2.122.2.5.1.4) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolStaticHType  (1.3.6.1.4.1.25506.2.122.2.5.1.5) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolStaticStatus (1.3.6.1.4.1.25506.2.122.2.5.1.6) | read-create | Current | As per MIB |

## hh3cDhcpServer2PoolOptionTable

**OID: 1.3.6.1.4.1.25506.2.122.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolOptCode (1.3.6.1.4.1.25506.2.122.2.6.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolOptType (1.3.6.1.4.1.25506.2.122.2.6.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolOptAscii (1.3.6.1.4.1.25506.2.122.2.6.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolOptHexStr (1.3.6.1.4.1.25506.2.122.2.6.1.4) | read-create | Current | The string length should not exceed 256 |
| hh3cDhcpServer2PoolOptIPStr (1.3.6.1.4.1.25506.2.122.2.6.1.5) | read-create | Current | As per MIB |
| hh3cDhcpServer2PoolOptRowStatus (1.3.6.1.4.1.25506.2.122.2.6.1.6) | read-create | Current | As per MIB |

## hh3cDhcpServer2PoolForbidTable

**OID: 1.3.6.1.4.1.25506.2.122.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolForbidIP (1.3.6.1.4.1.25506.2.122.2.7.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2PoolForbidStatus (1.3.6.1.4.1.25506.2.122.2.7.1.2) | read-create | Current | As per MIB |

## hh3cDhcpServer2ClassTable

**OID: 1.3.6.1.4.1.25506.2.122.2.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2ClassName (1.3.6.1.4.1.25506.2.122.2.8.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2ClassRowStatus (1.3.6.1.4.1.25506.2.122.2.8.1.2) | read-create | Current | As per MIB |

## hh3cDhcpServer2RuleTable

**OID: 1.3.6.1.4.1.25506.2.122.2.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2RuleNumber  (1.3.6.1.4.1.25506.2.122.2.9.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2RuleOptCode (1.3.6.1.4.1.25506.2.122.2.9.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleOptHexStr (1.3.6.1.4.1.25506.2.122.2.9.1.3) | read-create | Current | The string length should not exceed 256 |
| hh3cDhcpServer2RuleOptMask (1.3.6.1.4.1.25506.2.122.2.9.1.4) | read-create | Current | 1.  If it is bound with hh3cDhcpServer2RuleOptHexStr, the length of corresponding command should not exceed 512. |
| hh3cDhcpServer2RuleOptOffset (1.3.6.1.4.1.25506.2.122.2.9.1.5) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleOptLength (1.3.6.1.4.1.25506.2.122.2.9.1.6) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleRowStatus (1.3.6.1.4.1.25506.2.122.2.9.1.7) | read-create | Current | As per MIB |

## hh3cDhcpServer2ForbidTable

**OID: 1.3.6.1.4.1.25506.2.122.2.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2ForbidVpnName (1.3.6.1.4.1.25506.2.122.2.10.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2ForbidStart (1.3.6.1.4.1.25506.2.122.2.10.1.2) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2ForbidEnd (1.3.6.1.4.1.25506.2.122.2.10.1.3) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2ForbidRowStatus (1.3.6.1.4.1.25506.2.122.2.10.1.4) | read-create | Current | As per MIB |

## hh3cDhcpServer2FreeTable

**OID: 1.3.6.1.4.1.25506.2.122.2.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2FreeStart (1.3.6.1.4.1.25506.2.122.2.11.1.1) | not-accessible | No | As per MIB |
| hh3cDhcpServer2FreeEnd (1.3.6.1.4.1.25506.2.122.2.11.1.2) | read-only | No | As per MIB |

## hh3cDhcpServer2ConflictTable

**OID: 1.3.6.1.4.1.25506.2.122.2.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2ConflictIP (1.3.6.1.4.1.25506.2.122.2.12.1.1) | not-accessible | No | As per MIB |
| hh3cDhcpServer2ConflictType (1.3.6.1.4.1.25506.2.122.2.12.1.2) | read-only | No | As per MIB |
| hh3cDhcpServer2ConflictTime (1.3.6.1.4.1.25506.2.122.2.12.1.3) | read-only | No | As per MIB |
| hh3cDhcpServer2ConflictRowStatus  (1.3.6.1.4.1.25506.2.122.2.12.1.4) | read-create | No | As per MIB |

## hh3cDhcpServer2ExpiredTable

**OID: 1.3.6.1.4.1.25506.2.122.2.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2ExpiredIP (1.3.6.1.4.1.25506.2.122.2.13.1.1) | not-accessible | No | As per MIB |
| hh3cDhcpServer2ExpiredClientId (1.3.6.1.4.1.25506.2.122.2.13.1.2) | read-only | No | As per MIB |
| hh3cDhcpServer2ExpiredTime (1.3.6.1.4.1.25506.2.122.2.13.1.3) | read-only | No | As per MIB |
| hh3cDhcpServer2ExpiredRowStatus (1.3.6.1.4.1.25506.2.122.2.13.1.4) | read-create | No | As per MIB |

## hh3cDhcpServer2IPInUseTable

**OID: 1.3.6.1.4.1.25506.2.122.2.14**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2IPInUseIP (1.3.6.1.4.1.25506.2.122.2.14.1.1) | not-accessible | No | As per MIB |
| hh3cDhcpServer2IPInUseClientId (1.3.6.1.4.1.25506.2.122.2.14.1.2) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseHardAddr  (1.3.6.1.4.1.25506.2.122.2.14.1.3) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseHardType  (1.3.6.1.4.1.25506.2.122.2.14.1.4) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseVlanId (1.3.6.1.4.1.25506.2.122.2.14.1.5) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseEndLease (1.3.6.1.4.1.25506.2.122.2.14.1.6) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseType (1.3.6.1.4.1.25506.2.122.2.14.1.7) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseIfIndex (1.3.6.1.4.1.25506.2.122.2.14.1.8) | read-only | No | As per MIB |
| hh3cDhcpServer2IPInUseRowStatus (1.3.6.1.4.1.25506.2.122.2.14.1.9) | read-create | No | As per MIB |

## hh3cDhcpServer2DefOptGrpTable

**OID: 1.3.6.1.4.1.25506.2.122.2.15**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2DefOptGrpClass (1.3.6.1.4.1.25506.2.122.2.15.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2DefOptGrpId (1.3.6.1.4.1.25506.2.122.2.15.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2DefOptGrpStatus(1.3.6.1.4.1.25506.2.122.2.15.1.3) | read-create | Current | As per MIB |

## hh3cDhcpServer2ValidClassTable

**OID: 1.3.6.1.4.1.25506.2.122.2.16**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2ValidClassName (1.3.6.1.4.1.25506.2.122.2.16.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2ValidClassStatus (1.3.6.1.4.1.25506.2.122.2.16.1.2) | read-create | Current | As per MIB |

## hh3cDhcpServer2RuleHwAddrTable

**OID: 1.3.6.1.4.1.25506.2.122.2.17**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2RuleHwAddrNumber (1.3.6.1.4.1.25506.2.122.2.17.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2RuleHwAddress (1.3.6.1.4.1.25506.2.122.2.17.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleHwAddrMask (1.3.6.1.4.1.25506.2.122.2.17.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleHwAddrType (1.3.6.1.4.1.25506.2.122.2.17.1.4) | read-create | Current | As per MIB |
| hh3cDhcpServer2RuleHwAddrStatus (1.3.6.1.4.1.25506.2.122.2.17.1.5) | read-create | Current | As per MIB |

## hh3cDhcpServer2OptionGroupTable

**OID: 1.3.6.1.4.1.25506.2.122.2.18**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2OptionGroupId (1.3.6.1.4.1.25506.2.122.2.18.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2OptionGroupStatus (1.3.6.1.4.1.25506.2.122.2.18.1.2) | read-create | Current | As per MIB |

## hh3cDhcpServer2OptionTable

**OID: 1.3.6.1.4.1.25506.2.122.2.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2OptionCode (1.3.6.1.4.1.25506.2.122.2.19.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpServer2OptionType (1.3.6.1.4.1.25506.2.122.2.19.1.2) | read-create | Current | As per MIB |
| hh3cDhcpServer2OptionAscii (1.3.6.1.4.1.25506.2.122.2.19.1.3) | read-create | Current | As per MIB |
| hh3cDhcpServer2OptionHexStr (1.3.6.1.4.1.25506.2.122.2.19.1.4) | read-create | Current | The string length should not exceed 256 |
| hh3cDhcpServer2OptionIPStr (1.3.6.1.4.1.25506.2.122.2.19.1.5) | read-create | Current | As per MIB |
| hh3cDhcpServer2OptionRowStatus (1.3.6.1.4.1.25506.2.122.2.19.1.6) | read-create | Current | As per MIB |

## hh3cDhcpServer2PoolStatTable

OID: 1.3.6.1.4.1.25506.2.122.2.20

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpServer2PoolUsage  (1.3.6.1.4.1.25506.2.122.2.20.1.1) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolReqCnt  (1.3.6.1.4.1.25506.2.122.2.20.1.2) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolReqSuccCnt  (1.3.6.1.4.1.25506.2.122.2.20.1.3) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolDiscoverCnt  (1.3.6.1.4.1.25506.2.122.2.20.1.4) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolOfferCnt  (1.3.6.1.4.1.25506.2.122.2.20.1.5) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolAckCnt  (1.3.6.1.4.1.25506.2.122.2.20.1.6) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolIPTotalNum  (1.3.6.1.4.1.25506.2.122.2.20.1.7) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolIPUsedNum  (1.3.6.1.4.1.25506.2.122.2.20.1.8) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolIPIdleNum  (1.3.6.1.4.1.25506.2.122.2.20.1.9) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolIPExcludeNum  (1.3.6.1.4.1.25506.2.122.2.20.1.10) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolConflictNum  (1.3.6.1.4.1.25506.2.122.2.20.1.11) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolAutoBindNum  (1.3.6.1.4.1.25506.2.122.2.20.1.12) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolManualBindNum  (1.3.6.1.4.1.25506.2.122.2.20.1.13) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolExpiredBindNum  (1.3.6.1.4.1.25506.2.122.2.20.1.14) | read-only | Current | As per MIB |
| hh3cDhcpServer2PoolNameInfo  (1.3.6.1.4.1.25506.2.122.2.20.1.15) | read-only | Current | As per MIB |

## hh3cDhcpRelay2ConfigGroup

**OID: 1.3.6.1.4.1.25506.2.122.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpRelay2UserInfoRecord  (1.3.6.1.4.1.25506.2.122.3.1.1) | read-write | Current | As per MIB |
| hh3cDhcpRelay2UserInfoRefresh  (1.3.6.1.4.1.25506.2.122.3.1.2) | read-write | Current | As per MIB |
| hh3cDhcpRelay2UserInfoFlushTime (1.3.6.1.4.1.25506.2.122.3.1.3) | read-write | Current | As per MIB |
| hh3cDhcpRelay2ReleaseAddr  (1.3.6.1.4.1.25506.2.122.3.1.4) | read-write | No | As per MIB |

## hh3cDhcpRelay2StatisticsGroup

**OID: 1.3.6.1.4.1.25506.2.122.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpRelay2RxClientNum (1.3.6.1.4.1.25506.2.122.3.2.1) | read-only | No | As per MIB |
| hh3cDhcpRelay2TxClientNum (1.3.6.1.4.1.25506.2.122.3.2.2) | read-only | No | As per MIB |
| hh3cDhcpRelay2RxServerNum (1.3.6.1.4.1.25506.2.122.3.2.3) | read-only | No | As per MIB |
| hh3cDhcpRelay2TxServerNum (1.3.6.1.4.1.25506.2.122.3.2.4) | read-only | No | As per MIB |
| hh3cDhcpRelay2BadNum  (1.3.6.1.4.1.25506.2.122.3.2.5) | read-only | No | As per MIB |
| hh3cDhcpRelay2BootpRequestNum  (1.3.6.1.4.1.25506.2.122.3.2.6) | read-only | No | As per MIB |
| hh3cDhcpRelay2DiscoverNum (1.3.6.1.4.1.25506.2.122.3.2.7) | read-only | No | As per MIB |
| hh3cDhcpRelay2RequestNum (1.3.6.1.4.1.25506.2.122.3.2.8) | read-only | No | As per MIB |
| hh3cDhcpRelay2DeclineNum (1.3.6.1.4.1.25506.2.122.3.2.9) | read-only | No | As per MIB |
| hh3cDhcpRelay2ReleaseNum (1.3.6.1.4.1.25506.2.122.3.2.10) | read-only | No | As per MIB |
| hh3cDhcpRelay2InformNum (1.3.6.1.4.1.25506.2.122.3.2.11) | read-only | No | As per MIB |
| hh3cDhcpRelay2BootpReplyNum  (1.3.6.1.4.1.25506.2.122.3.2.12) | read-only | No | As per MIB |
| hh3cDhcpRelay2OfferNum (1.3.6.1.4.1.25506.2.122.3.2.13) | read-only | No | As per MIB |
| hh3cDhcpRelay2AckNum (1.3.6.1.4.1.25506.2.122.3.2.14) | read-only | No | As per MIB |
| hh3cDhcpRelay2NakNum (1.3.6.1.4.1.25506.2.122.3.2.15) | read-only | No | As per MIB |

## hh3cDhcpRelay2IfConfigTable

**OID: 1.3.6.1.4.1.25506.2.122.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpRelay2IfSelectRelay (1.3.6.1.4.1.25506.2.122.4.1.1.1) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfCheckMac  (1.3.6.1.4.1.25506.2.122.4.1.1.2) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82Enable  (1.3.6.1.4.1.25506.2.122.4.1.1.3) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82Strategy  (1.3.6.1.4.1.25506.2.122.4.1.1.4) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82CIDMode  (1.3.6.1.4.1.25506.2.122.4.1.1.5) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82CIDNodeType  (1.3.6.1.4.1.25506.2.122.4.1.1.6) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82CIDNodeStr  (1.3.6.1.4.1.25506.2.122.4.1.1.7) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82CIDStr  (1.3.6.1.4.1.25506.2.122.4.1.1.8) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82CIDFormat  (1.3.6.1.4.1.25506.2.122.4.1.1.9) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82RIDMode  (1.3.6.1.4.1.25506.2.122.4.1.1.10) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82RIDStr  (1.3.6.1.4.1.25506.2.122.4.1.1.11) | read-write | Current | As per MIB |
| hh3cDhcpRelay2IfOpt82RIDFormat  (1.3.6.1.4.1.25506.2.122.4.1.1.12) | read-write | Current | As per MIB |

## hh3cDhcpRelay2SrvAddrTable

**OID: 1.3.6.1.4.1.25506.2. 122.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpRelay2SrvAddrIP  (1.3.6.1.4.1.25506.2.122.4.2.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpRelay2SrvAddrRowStatus (1.3.6.1.4.1.25506.2.122.4.2.1.2) | read-create | Current | As per MIB |

## hh3cDhcpRelay2UserInfoTable

**OID: 1.3.6.1.4.1.25506.2.122.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpRelay2UserInfoVpnIndex  (1.3.6.1.4.1.25506.2.122.4.3.1.1) | not-accessible | No | As per MIB |
| hh3cDhcpRelay2UserInfoIpAddr (1.3.6.1.4.1.25506.2.122.4.3.1.2) | not-accessible | No | As per MIB |
| hh3cDhcpRelay2UserInfoMacAddr (1.3.6.1.4.1.25506.2.122.4.3.1.3) | read-only | No | As per MIB |
| hh3cDhcpRelay2UserInfoIfIndex (1.3.6.1.4.1.25506.2.122.4.3.1.4) | read-only | No | As per MIB |
| hh3cDhcpRelay2UserInfoRowStatus (1.3.6.1.4.1.25506.2.122.4.3.1.5) | read-create | Current | As per MIB |

# HH3C-DHCP-SNOOP2-MIB

## hh3cDhcpSnoop2ConfigGroup

**OID: 1.3.6.1.4.1.25506.2.124.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2Enabled (1.3.6.1.4.1.25506.2.124.1.1.1) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2BindDbName (1.3.6.1.4.1.25506.2.124.1.1.2) | read-write | Current | The string legth should not exceed the maximum length that the specified product support |
| hh3cDhcpSnoop2BindRefreshIntvl (1.3.6.1.4.1.25506.2.124.1.1.3) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2BindRefresh (1.3.6.1.4.1.25506.2.124.1.1.4) | read-write | No | As per MIB |

## hh3cDhcpSnoop2StatisticsGroup

**OID: 1.3.6.1.4.1.25506.2.124.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2PktSentNum (1.3.6.1.4.1.25506.2.124.1.2.1) | read-only | No | As per MIB |
| hh3cDhcpSnoop2PktRcvNum (1.3.6.1.4.1.25506.2.124.1.2.2) | read-only | No | As per MIB |
| hh3cDhcpSnoop2PktDropNum (1.3.6.1.4.1.25506.2.124.1.2.3) | read-only | No | As per MIB |

## hh3cDhcpSnoop2BindTable

**OID: 1.3.6.1.4.1.25506.2.124.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2BindIpAddr (1.3.6.1.4.1.25506.2.124.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpSnoop2BindVlanId (1.3.6.1.4.1.25506.2.124.2.1.1.2) | not-accessible | Current | As per MIB |
| hh3cDhcpSnoop2BindSecVlanId (1.3.6.1.4.1.25506.2.124.2.1.1.3) | not-accessible | Current | As per MIB |
| hh3cDhcpSnoop2BindMacAddr (1.3.6.1.4.1.25506.2.124.2.1.1.4) | read-only | Current | As per MIB |
| hh3cDhcpSnoop2BindLease (1.3.6.1.4.1.25506.2.124.2.1.1.5) | read-only | Current | As per MIB |
| hh3cDhcpSnoop2BindPortIndex (1.3.6.1.4.1.25506.2.124.2.1.1.6) | read-only | Current | As per MIB |
| hh3cDhcpSnoop2BindRowStatus (1.3.6.1.4.1.25506.2.124.2.1.1.7) | read-create | Current | As per MIB |

## hh3cDhcpSnoop2IfConfigTable

**OID: 1.3.6.1.4.1.25506.2.124.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2IfTrustStatus (1.3.6.1.4.1.25506.2.124.2.2.1.1) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfCheckMac (1.3.6.1.4.1.25506.2.124.2.2.1.2) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfCheckRequest (1.3.6.1.4.1.25506.2.124.2.2.1.3) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfRateLimit (1.3.6.1.4.1.25506.2.124.2.2.1.4) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfRecordBind (1.3.6.1.4.1.25506.2.124.2.2.1.5) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfMaxLearnNum (1.3.6.1.4.1.25506.2.124.2.2.1.6) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82Enable (1.3.6.1.4.1.25506.2.124.2.2.1.7) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82Strategy (1.3.6.1.4.1.25506.2.124.2.2.1.8) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82CIDMode (1.3.6.1.4.1.25506.2.124.2.2.1.9) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82CIDNodeType (1.3.6.1.4.1.25506.2.124.2.2.1.10) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82CIDNodeStr (1.3.6.1.4.1.25506.2.124.2.2.1.11) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82CIDStr (1.3.6.1.4.1.25506.2.124.2.2.1.12) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82CIDFormat (1.3.6.1.4.1.25506.2.124.2.2.1.13) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82RIDMode (1.3.6.1.4.1.25506.2.124.2.2.1.14) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82RIDStr (1.3.6.1.4.1.25506.2.124.2.2.1.15) | read-write | Current | As per MIB |
| hh3cDhcpSnoop2IfOpt82RIDFormat (1.3.6.1.4.1.25506.2.124.2.2.1.16) | read-write | Current | As per MIB |

## hh3cDhcpSnoop2IfVlanCIDTable

**OID: 1.3.6.1.4.1.25506.2.124.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2IfVlanCIDVlanIndex (1.3.6.1.4.1.25506.2.124.2.3.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpSnoop2IfVlanCIDStr (1.3.6.1.4.1.25506.2.124.2.3.1.2) | read-create | Current | As per MIB |
| hh3cDhcpSnoop2IfVlanCIDRowStatus (1.3.6.1.4.1.25506.2.124.2.3.1.3) | read-create | Current | As per MIB |

## hh3cDhcpSnoop2IfVlanRIDTable

**OID: 1.3.6.1.4.1.25506.2.124.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDhcpSnoop2IfVlanRIDVlanIndex (1.3.6.1.4.1.25506.2.124.2.4.1.1) | not-accessible | Current | As per MIB |
| hh3cDhcpSnoop2IfVlanRIDMode (1.3.6.1.4.1.25506.2.124.2.4.1.2) | read-create | Current | As per MIB |
| hh3cDhcpSnoop2IfVlanRIDStr (1.3.6.1.4.1.25506.2.124.2.4.1.3) | read-create | Current | As per MIB |
| hh3cDhcpSnoop2IfVlanRIDRowStatus (1.3.6.1.4.1.25506.2.124.2.4.1.4) | read-create | Current | As per MIB |

# HH3C-DNS-MIB

This MIB should be supported by device which implements IP address configuration of DNS Server.

## hh3cDnsStaticSrvIpTable

**OID: 1.3.6.1.4.1.25506. 2.97.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDnsStaticSrvIpType (1.3.6.1.4.1.25506.2.97.1.1.1.1) | not-accessible | No | Only support IPv4. |
| hh3cDnsStaticSrvIpAddr (1.3.6.1.4.1.25506.2.97.1.1.1.2) | not-accessible | No | As per MIB. |
| hh3cDnsStaticSrvIpPriority (1.3.6.1.4.1.25506.2.97.1.1.1.3) | read-only | No | As per MIB. |
| hh3cDnsStaticSrvIpRowStatus (1.3.6.1.4.1.25506.2.97.1.1.1.4) | read-create | No | Only support active(1), createAndGo(4), destroy(6) |

## hh3cDnsDynamicSrvIpTable

**OID: 1.3.6.1.4.1.25506.2.97.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDnsDynamicSrvIpType (1.3.6.1.4.1.25506.2.97.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cDnsDynamicSrvIpAddr (1.3.6.1.4.1.25506.2.97.1.2.1.2) | not-accessible | No | As per MIB |
| hh3cDnsDynamicSrvIpPriority (1.3.6.1.4.1.25506.2.97.1.2.1.3) | read-only | No | As per MIB |

# HH3C-DOMAIN-MIB

The HH3C-DOMAIN-MIB is used for managing domain.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cDomainDefault (1.3.6.1.4.1.25506.2.46.1.1) | read-write | Current | The length of this object is range from 1 to 24 |

## hh3cDomainInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDomainName (1.3.6.1.4.1.25506.2.46.2.1.1.1) | not-accessible | No | The length of this object is range from 1 to 64 |
| hh3cDomainState (1.3.6.1.4.1.25506.2.46.2.1.1.2) | read-create | Current | As per MIB |
| hh3cDomainMaxAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.3) | read-create | Current | Not supported |
| hh3cDomainVlanAssignMode (1.3.6.1.4.1.25506.2.46.2.1.1.4) | read-create | Current | Not supported |
| hh3cDomainIdleCutEnable (1.3.6.1.4.1.25506.2.46.2.1.1.5) | read-create | Current | Not supported |
| hh3cDomainIdleCutMaxTime (1.3.6.1.4.1.25506.2.46.2.1.1.6) | read-create | Current | Not supported |
| hh3cDomainIdleCutMinFlow (1.3.6.1.4.1.25506.2.46.2.1.1.7) | read-create | Current | Not supported |
| hh3cDomainMessengerEnable (1.3.6.1.4.1.25506.2.46.2.1.1.8) | read-create | Current | Not supported |
| hh3cDomainMessengerLimitTime (1.3.6.1.4.1.25506.2.46.2.1.1.9) | read-create | Current | Not supported |
| hh3cDomainMessengerSpanTime (1.3.6.1.4.1.25506.2.46.2.1.1.10) | read-create | Current | Not supported |
| hh3cDomainSelfServiceEnable (1.3.6.1.4.1.25506.2.46.2.1.1.11) | read-create | Current | Not supported |
| hh3cDomainSelfServiceURL (1.3.6.1.4.1.25506.2.46.2.1.1.12) | read-create | Current | Not supported |
| hh3cDomainAccFailureAction (1.3.6.1.4.1.25506.2.46.2.1.1.13) | read-create | Current | Not supported |
| hh3cDomainRowStatus (1.3.6.1.4.1.25506.2.46.2.1.1.14) | read-create | Current | As per MIB |
| hh3cDomainCurrentAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.15) | read-only | Current | Not supported |
| hh3cDomainIdleCutTime (1.3.6.1.4.1.25506.2.46.2.1.1.16) | read-only | Current | Not supported |
| hh3cDomainServiceType (1.3.6.1.4.1.25506.2.46.2.1.1.17) | read-create | Current | Only support read operation. |
| hh3cDomainIpPoolName (1.3.6.1.4.1.25506.2.46.2.1.1.18) | read-create | Current | Only support read operation. |
| hh3cDomainIpv6PoolName (1.3.6.1.4.1.25506.2.46.2.1.1.19) | read-create | Current | Only support read operation. |

## hh3cDomainSchemeTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.2

1. when a domain was created, the agent will create a row for accounting, a row for authentication, a row for authorization with the value of hh3cDomainSchemeMode be ‘local’.
2. when change a row, the following objects must be specified.

hh3cDomainSchemeMode

hh3cDomainSchemeAAAType

hh3cDomainSchemeAAAName

hh3cDomainSchemeAccessMode

1. when create a new row, the following object must be specified,

hh3cDomainSchemeMode

hh3cDomainSchemeRowStatus

hh3cDomainSchemeAAAType

hh3cDomainSchemeAAAName

hh3cDomainSchemeAccessMode

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDomainSchemeIndex (1.3.6.1.4.1.25506.2.46.2.2.1.1) | not-accessible | No | As per MIB |
| hh3cDomainSchemeMode (1.3.6.1.4.1.25506.2.46.2.2.1.2) | read-create | Current | As per MIB |
| hh3cDomainAuthSchemeName (1.3.6.1.4.1.25506.2.46.2.2.1.3) | read-create | Current | Not supported and the value will be ignored |
| hh3cDomainAcctSchemeName (1.3.6.1.4.1.25506.2.46.2.2.1.4) | read-create | Current | Not supported and the value will be ignored |
| hh3cDomainSchemeRowStatus (1.3.6.1.4.1.25506.2.46.2.2.1.5) | read-create | Current | As per MIB |
| hh3cDomainSchemeAAAType (1.3.6.1.4.1.25506.2.46.2.2.1.6) | read-create | Current | As per MIB |
| hh3cDomainSchemeAAAName (1.3.6.1.4.1.25506.2.46.2.2.1.7) | read-create | Current | If hh3cDomainSchemeMode is radius or tacacs or ldap then the value of hh3cDomainSchemeAAAName must be valid scheme name, if the hh3cDomainSchemeMode is none or local, the value of hh3cDomainSchemeAAAName will be a null string. |
| hh3cDomainSchemeAccessMode (1.3.6.1.4.1.25506.2.46.2.2.1.8) | read-create | Current | Only support ‘default’ |

## hh3cDomainStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDomainAccessedNum (1.3.6.1.4.1.25506.2.46.2.4.1.1) | read-only | Current | Not supported |
| hh3cDomainOnlineNum (1.3.6.1.4.1.25506.2.46.2.4.1.2) | read-only | Current | Not supported |
| hh3cDomainOnlinePPPUser (1.3.6.1.4.1.25506.2.46.2.4.1.3) | read-only | Current | Not supported |
| hh3cDomainOnlineIPoEUser (1.3.6.1.4.1.25506.2.46.2.4.1.4) | read-only | Current | Not supported |
| hh3cDomainOnlinePPPoEUser (1.3.6.1.4.1.25506.2.46.2.4.1.5) | read-only | Current | Not supported |
| hh3cDomainOnlinePPPoAUser (1.3.6.1.4.1.25506.2.46.2.4.1.6) | read-only | Current | Not supported |
| hh3cDomainOnlinePPPoFRUser (1.3.6.1.4.1.25506.2.46.2.4.1.7) | read-only | Current | Not supported |
| hh3cDomainOnlineLacUser (1.3.6.1.4.1.25506.2.46.2.4.1.8) | read-only | Current | As per MIB. |
| hh3cDomainOnlineLnsUser (1.3.6.1.4.1.25506.2.46.2.4.1.9) | read-only | Current | As per MIB. |
| hh3cDomainOnlineIPoEBindAuthUser (1.3.6.1.4.1.25506.2.46.2.4.1.10) | read-only | Current | Not supported |
| hh3cDomainOnlineIPoEWebAuthUser (1.3.6.1.4.1.25506.2.46.2.4.1.11) | read-only | Current | Not supported |
| hh3cDomainOnlineLeasedUser (1.3.6.1.4.1.25506.2.46.2.4.1.12) | read-only | Current | Not supported |

## hh3cDomainIPPoolStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDomainIPTotalNum (1.3.6.1.4.1.25506.2.46.2.5.1.1) | read-only | Current | Not supported |
| hh3cDomainIPUsedNum (1.3.6.1.4.1.25506.2.46.2.5.1.2) | read-only | Current | Not supported |
| hh3cDomainIPConflictNum  (1.3.6.1.4.1.25506.2.46.2.5.1.3) | read-only | Current | Not supported |
| hh3cDomainIPExcludeNum  (1.3.6.1.4.1.25506.2.46.2.5.1.4) | read-only | Current | Not supported |
| hh3cDomainIPIdleNum  (1.3.6.1.4.1.25506.2.46.2.5.1.5) | read-only | Current | Not supported |
| hh3cDomainIPUsedPercent  (1.3.6.1.4.1.25506.2.46.2.5.1.6) | read-only | Current | Not supported |

## Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.2.46.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDomainGlobalAccessedNum (1.3.6.1.4.1.25506.2.46.3.1) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlineNum  (1.3.6.1.4.1.25506.2.46.3.2) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlinePPPUser  (1.3.6.1.4.1.25506.2.46.3.3) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlineIPoEUser  (1.3.6.1.4.1.25506.2.46.3.4) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlinePPPoEUser  (1.3.6.1.4.1.25506.2.46.3.5) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlinePPPoAUser  (1.3.6.1.4.1.25506.2.46.3.6) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlinePPPoFRUser  (1.3.6.1.4.1.25506.2.46.3.7) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlineLacUser  (1.3.6.1.4.1.25506.2.46.3.8) | read-only | Current | As per MIB. |
| hh3cDomainGlobalOnlineLnsUser  (1.3.6.1.4.1.25506.2.46.3.9) | read-only | Current | As per MIB. |
| hh3cDomainGlobalOnlineIPoEBindAuthUser  (1.3.6.1.4.1.25506.2.46.3.10) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlineIPoEWebAuthUser  (1.3.6.1.4.1.25506.2.46.3.11) | read-only | Current | Not supported |
| hh3cDomainGlobalOnlineLeasedUser  (1.3.6.1.4.1.25506.2.46.3.12) | read-only | Current | Not supported |

# HH3C-E1-MIB

## hh3ce1InterfaceStatusTable

**OID: 1.3.6.1.4.1.25506.2.28.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ce1InterfaceInErrs (1.3.6.1.4.1.25506.2.28.1.1.1) | read-only | No | As per MIB |
| hh3ce1InterfaceInRuntsErrs (1.3.6.1.4.1.25506.2.28.1.1.2) | read-only | No | As per MIB |
| hh3ce1InterfaceInGiantsErrs (1.3.6.1.4.1.25506.2.28.1.1.3) | read-only | No | As per MIB |
| hh3ce1InterfaceInCrcErrs (1.3.6.1.4.1.25506.2.28.1.1.4) | read-only | No | As per MIB |
| hh3ce1InterfaceInAlignErrs (1.3.6.1.4.1.25506.2.28.1.1.5) | read-only | No | As per MIB |
| hh3ce1InterfaceInOverRunsErrs (1.3.6.1.4.1.25506.2.28.1.1.6) | read-only | No | As per MIB |
| hh3ce1InterfaceInDribblesErrs (1.3.6.1.4.1.25506.2.28.1.1.7) | read-only | No | As per MIB |
| hh3ce1InterfaceInAbortedSeqErrs (1.3.6.1.4.1.25506.2.28.1.1.8) | read-only | No | As per MIB |
| hh3ce1InterfaceInNoBufferErrs (1.3.6.1.4.1.25506.2.28.1.1.9) | read-only | No | As per MIB |
| hh3ce1InterfaceInFramingErrs (1.3.6.1.4.1.25506.2.28.1.1.10) | read-only | No | As per MIB |
| hh3ce1InterfaceOutputErrs (1.3.6.1.4.1.25506.2.28.1.1.11) | read-only | No | As per MIB |
| hh3ce1InterfaceOutUnderRunErrs (1.3.6.1.4.1.25506.2.28.1.1.12) | read-only | No | As per MIB |
| hh3ce1InterfaceOutCollisonsErrs (1.3.6.1.4.1.25506.2.28.1.1.13) | read-only | No | As per MIB |
| hh3ce1InterfaceOutDeferedErrs (1.3.6.1.4.1.25506.2.28.1.1.14) | read-only | No | As per MIB |

## hh3ce1Table

**OID: 1.3.6.1.4.1.25506.2.28.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ce1Type (1.3.6.1.4.1.25506.2.28.2.1.1) | read-only | No | As per MIB |
| hh3ce1Clock (1.3.6.1.4.1.25506.2.28.2.1.2) | read-write | Current | As per MIB |
| hh3ce1FrameFormat (1.3.6.1.4.1.25506.2.28.2.1.3) | read-write | Current | As per MIB |
| hh3ce1LineCode (1.3.6.1.4.1.25506.2.28.2.1.4) | read-write | Current | As per MIB |
| hh3ce1PriSetTimeSlot (1.3.6.1.4.1.25506.2.28.2.1.5) | read-write | Current | As per MIB |
| hh3ce1DChannelIndex (1.3.6.1.4.1.25506.2.28.2.1.6) | read-only | No | As per MIB |
| hh3ce1SubScribLineChannelIndex (1.3.6.1.4.1.25506.2.28.2.1.7) | read-only | No | As per MIB |
| hh3ce1FcmChannelIndex  (1.3.6.1.4.1.25506.2.28.2.1.8) | read-only | No | As per MIB |

## hh3ce1InterfaceTable

**OID: 1.3.6.1.4.1.25506.2.28.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ce1ControllerIndex (1.3.6.1.4.1.25506.2.28.3.1.1) | read-only | No | As per MIB |

## hh3ce1TimeSlotSetTable

**OID: 1.3.6.1.4.1.25506.2.28.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ce1TimeSlotSetGroupId  (1.3.6.1.4.1.25506.2.28.4.1.1) | read-create | Current | As per MIB |
| hh3ce1TimeSlotSetSignalType  (1.3.6.1.4.1.25506.2.28.4.1.2) | read-create | Current | Only support r2(9) |
| hh3ce1TimeSlotSetList  (1.3.6.1.4.1.25506.2.28.4.1.3) | read-create | Current | As per MIB |
| hh3ce1TimeSlotSetRowStatus  (1.3.6.1.4.1.25506.2.28.4.1.4) | read-create | Current | Only support active(1) ,createAndgo(4) and destroy(6).  CreateAndGo operation is supported only if the values of hh3ce1TimeSlotSetGroupId, hh3ce1TimeSlotSetSignalTypeand hh3ce1TimeSlotSetList are bound at the same time. |

When the value of hh3ce1TimeSlotSetRowStatus is active(1), this table can’t be created or modified because the row is already exist.

# HH3C-E1T1VI-MIB

The HH3C-E1T1VI-MIB provides E1/T1 voice interface information that are excluded by RFC 1213 and RFC 2863.

## hh3cE1T1VITable

**OID: 1.3.6.1.4.1.25506.2.76.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cE1T1VIUsingTimeslots  (1.3.6.1.4.1.25506.2.76.1.1.1) | read-only | No | As per MIB |
| hh3cE1T1VIUsingTimeslotsRatio (1.3.6.1.4.1.25506.2.76.1.1.2) | read-only | No | As per MIB |

## hh3cE1T1VIGeneral

**OID: 1.3.6.1.4.1.25506.2.76.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cE1T1VITrapTimeSlotEnable (1.3.6.1.4.1.25506.2.76.3.1) | read-write | Current | As per MIB |

# HH3C-ENTITY-EXT-MIB

The ENTITY-MIB should be supported before implementing this MIB.

This MIB is used to describe the extend properties of entity of products.

## hh3cEntityExtStateTable

**OID: 1.3.6.1.4.1.25506.2.6.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1) | accessible-for-notify | No | The index of the table, the same as the entPhysicalIndex defined in ENTITY-MIB. |
| hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2) | read-write | Current | As per MIB |
| hh3cEntityExtOperStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.3) | read-only | No | Represent the possible values of operational states. A value of disabled means the entity goes wrong, and cannot be operated. A value of enabled means the entity is partially or fully operable. |
| hh3cEntityExtStandbyStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.4) | read-only | No | As per MIB |
| hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5) | read-only | No | Not supported |
| hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6) | read-only | No | As per MIB |
| hh3cEntityExtCpuUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7) | read-write | Current | As per MIB |
| hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8) | read-only | No | As per MIB |
| hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9) | read-write | Current | As per MIB |
| hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10) | read-only | No | As per MIB |
| hh3cEntityExtUpTime (1.3.6.1.4.1.25506.2.6.1.1.1.1.11) | read-only | No | As per MIB |
| hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12) | read-only | No | The invalid value is 65535. |
| hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13) | read-only | No | Not supported |
| hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14) | read-only | No | Not supported |
| hh3cEntityExtVoltageLowThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.15) | read-write | No | Not supported |
| hh3cEntityExtVoltageHighThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.16) | read-write | No | Not supported |
| hh3cEntityExtCriticalTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.17) | read-write | No | Not supported |
| hh3cEntityExtMacAddress (1.3.6.1.4.1.25506.2.6.1.1.1.1.18) | read-only | No | When the entity is stack, hh3cEntityExtMacAddress displays BridgeMacAddress.  When the entity is unit, hh3cEntityExtMacAddress displays UnitMac.  When the entity does not support hh3cEntityExtMacAddress, hh3cEntityExtMacAddress displays "00.00.00.00.00.00" |
| hh3cEntityExtErrorStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.19) | read-only | No | As per MIB |
| hh3cEntityExtCpuMaxUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.20) | read-only | No | The maximal CPU usage for the entity in the last one minutes |
| hh3cEntityExtLowerTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.21) | read-write | No | Not Supported |
| hh3cEntityExtShutdownTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.22) | read-write | No | Not Supported |
| hh3cEntityExtPhyMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.23) | read-only | No | As per MIB |
| hh3cEntityExtPhyCpuFrequency (1.3.6.1.4.1.25506.2.6.1.1.1.1.24) | read-only | No | Not Supported |
| hh3cEntityExtFirstUsedDate (1.3.6.1.4.1.25506.2.6.1.1.1.1.25) | read-only | No | Not Supported |
| hh3cEntityExtCpuAvgUsage, (1.3.6.1.4.1.25506.2.6.1.1.1.1.26) | read-only | No | As per MIB |
| hh3cEntityExtMemAvgUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.27) | read-only | No | As per MIB |
| hh3cEntityExtMemType (1.3.6.1.4.1.25506.2.6.1.1.1.1.28) | read-only | No | As per MIB |
| hh3cEntityExtCriticalLowerTemperatureThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.29) | read-write | No | Not Supported |
| hh3cEntityExtShutdownLowerTemperatureThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.30) | read-write | No | Not Supported |
| hh3cEntityExtCpuUsageRecoverThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.31) | read-write | No | Not supported |
| hh3cEntityExtMemSizeRev  (1.3.6.1.4.1.25506.2.6.1.1.1.1.32) | read-only | No | As per MIB |
| hh3cEntityExtCpuUsageIn1Minute(1.3.6.1.4.1.25506.2.6.1.1.1.1.33) | read-only | No | As per MIB |
| hh3cEntityExtCpuUsageIn5Minutes(1.3.6.1.4.1.25506.2.6.1.1.1.1.34) | read-only | No | As per MIB |

## hh3cEntityExtManuTable

**OID: 1.3.6.1.4.1.25506.2.6.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cEntityExtManuPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.2.1.1.1) | accessible-for-notify | No | As per MIB |
| hh3cEntityExtManuSerialNum (1.3.6.1.4.1.25506.2.6.1.2.1.1.2) | read-only | No | As per MIB |
| hh3cEntityExtManuBuildInfo (1.3.6.1.4.1.25506.2.6.1.2.1.1.3) | read-only | No | As per MIB |
| hh3cEntityExtManuBOM (1.3.6.1.4.1.25506.2.6.1.2.1.1.4) | read-only | No | As per MIB |
| hh3cEntityExtMacAddressCount (1.3.6.1.4.1.25506.2.6.1.2.1.1.5) | read-only | No | As per MIB |

## hh3cProcessTable

**OID: 1.3.6.1.4.1.25506.2.6.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cProcessID (1.3.6.1.4.1.25506.2.6.1.4.1.1.1) | read-only | Yes | As per MIB |
| hh3cProcessName (1.3.6.1.4.1.25506.2.6.1.4.1.1.2) | read-only | Yes | As per MIB |
| hh3cProcessUtil5Min (1.3.6.1.4.1.25506.2.6.1.4.1.1.3) | read-only | Yes | As per MIB |

## Relationship between entity and extend property

|  |  |
| --- | --- |
| entity | hh3cEntityExtAdminStatus (R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | Yes |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtOperStatus (R) |
| chassis | No |
| backplane | No |
| container | No |
| power Supply | Yes |
| fan | Yes |
| sensor | No |
| module | Yes |
| port | Yes |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtStandbyStatus (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | Yes |
| sensor | No |
| module | Yes |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtAlarmLight (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtCpuUsage (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes(Only support the Module Level1) |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtCpuUsageThreshold (R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes(Only support the Module Level1) |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtMemUsage (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes(Only support the Module Level1) |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtMemUsageThreshold(R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes(Only support the Module Level1) |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtMemSize (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes(Only support the Module Level1) |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtUpTime (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | Yes |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtTemperature (R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | Yes |
| fan | Yes |
| sensor | Yes |
| module | Yes |
| port | No |
| stack | No |
| other | Yes |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtTemperatureThreshold(R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtVoltage(R) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtVoltageLowThreshold(R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtVoltageHighThreshold(R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtCriticalTemperatureThreshold(R/W) |
| chassis | No |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | Yes |
| module | No |
| port | No |
| stack | No |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtMacAddress (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | No |
| port | No |
| stack | Yes |
| other | No |
| unknown | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtErrorStatus (R) |
| chassis | No |
| backplane | Yes |
| container | Yes |
| powerSupply | Yes |
| fan | Yes |
| sensor | Yes |
| module | No |
| port | Yes |
| stack | No |
| other | Yes |
| unknown | Yes |

|  |  |
| --- | --- |
| entity | hh3cEntityExtManuSerialNum (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes |
| port | No |
| cpu | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtManuBuildInfo (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes |
| port | No |
| cpu | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtMacAddressCount (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes |
| port | Yes |
| cpu | No |

|  |  |
| --- | --- |
| entity | hh3cEntityExtManuBOM (R) |
| chassis | Yes |
| backplane | No |
| container | No |
| powerSupply | No |
| fan | No |
| sensor | No |
| module | Yes |
| port | No |
| cpu | No |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity  (R/W: read/write) | POWERSUPPLY | FAN | CHASSIS | CONTAINER | MODULE | PORT | CPU |
| hh3cEntityExtAdminStatus (R/W) |  |  |  |  |  | Yes |  |
| hh3cEntityExtOperStatus (R) | Yes | Yes |  |  | Yes | Yes |  |
| hh3cEntityExtStandbyStatus (R) |  | Yes |  |  | Yes |  |  |
| hh3cEntityExtAlarmLight (R) |  |  |  |  |  |  |  |
| hh3cEntityExtCpuUsage (R) |  |  |  |  | Yes |  |  |
| hh3cEntityExtCpuUsageThreshold (R/W) |  |  |  |  | Yes |  |  |
| hh3cEntityExtMemUsage (R) |  |  |  |  | Yes |  |  |
| hh3cEntityExtMemUsageThreshold(R/W) |  |  |  |  | Yes |  |  |
| hh3cEntityExtMemSize (R) |  |  |  |  | Yes |  |  |
| hh3cEntityExtUpTime (R) |  |  | Yes |  |  |  |  |
| hh3cEntityExtTemperature (R) |  |  |  |  |  |  |  |
| hh3cEntityExtTemperatureThreshold  (R/W) |  |  |  |  |  |  |  |
| hh3cEntityExtVoltage (R) |  |  |  |  |  |  |  |
| hh3cEntityExtVoltageLowThreshold (R/W) |  |  |  |  |  |  |  |
| hh3cEntityExtVoltageHighThreshold (R/W) |  |  |  |  |  |  |  |
| hh3cEntityExtCriticalTemperatureThreshold |  |  |  |  |  |  |  |
| hh3cEntityExtMacAddress |  |  | Yes |  |  |  |  |
| hh3cEntityExtErrorStatus |  |  |  |  |  |  |  |

Explain the table:

1. “Yes” means the property of that entity is implemented. Others are not supported.

2. If the result of the operation is “no such name/instance”, then this MIB object is not to be supported for the specific entity.

# HH3C-ENTRELATION-MIB

## hh3cEntRelationTable

**OID: 1.3.6.1.4.1.25506.2.15.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cEntRelationType (1.3.6.1.4.1.25506.2.15.1.1.1.1.1) | not-accessible | No | Only support the relation of Combo. |
| hh3cEntityIndex (1.3.6.1.4.1.25506.2.15.1.1.1.1.2) | not-accessible | No | The entity is a default combo port. The value of it equals to one of the entPhysicalIndex. |
| hh3cRelatedEntityIndex (1.3.6.1.4.1.25506.2.15.1.1.1.1.3) | read-only | No | Not supported. |

# HH3C-FLASH-MAN-MIB

This MIB supplies the information for the management of flash devices.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cFlhSupportNum (1.3.6.1.4.1.25506.2.5.1.1.1) | read-only | No | As per MIB |

## hh3cFlashTable

**OID: 1.3.6.1.4.1.25506.2.5.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cFlhIndex (1.3.6.1.4.1.25506.2.5.1.1.2.1.1) | read-only | No | As per MIB |
| hh3cFlhSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.2) | read-only | No | As per MIB |
| hh3cFlhPos (1.3.6.1.4.1.25506.2.5.1.1.2.1.3) | read-only | No | Not supported |
| hh3cFlhName (1.3.6.1.4.1.25506.2.5.1.1.2.1.4) | read-only | No | The name for flash |
| hh3cFlhChipNum (1.3.6.1.4.1.25506.2.5.1.1.2.1.5) | read-only | No | Not supported |
| hh3cFlhDescr (1.3.6.1.4.1.25506.2.5.1.1.2.1.6) | read-only | No | Not supported |
| hh3cFlhInitTime (1.3.6.1.4.1.25506.2.5.1.1.2.1.8) | read-only | No | Not supported |
| hh3cFlhRemovable (1.3.6.1.4.1.25506.2.5.1.1.2.1.9) | read-only | No | Not supported |
| hh3cFlhPartitionBool (1.3.6.1.4.1.25506.2.5.1.1.2.1.11) | read-write | No | Not supported |
| hh3cFlhMinPartitionSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.12) | read-only | No | Not supported |
| hh3cFlhMaxPartitions (1.3.6.1.4.1.25506.2.5.1.1.2.1.13) | read-only | No | Not supported |
| hh3cFlhPartitionNum (1.3.6.1.4.1.25506.2.5.1.1.2.1.14) | read-only | No | Not supported |
| hh3cFlhKbyteSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.15) | read-only | No | As per MIB |
| hh3cFlhHCSize  (1.3.6.1.4.1.25506.2.5.1.1.2.1.16) | read-only | No | As per MIB |

## hh3cFlhPartitionTable

**OID: 1.3.6.1.4.1.25506.2.5.1.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cFlhPartIndex (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.1) | not-accessible | No | As per MIB |
| hh3cFlhPartFirstChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.2) | read-only | No | Not supported |
| hh3cFlhPartLastChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.3) | read-only | No | Not supported |
| hh3cFlhPartSpace (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.4) | read-only | No | As per MIB |
| hh3cFlhPartSpaceFree (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.5) | read-only | No | As per MIB |
| hh3cFlhPartFileNum (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.6) | read-only | No | Not supported |
| hh3cFlhPartChecksumMethod (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.7) | read-only | No | Not supported |
| hh3cFlhPartStatus (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.8) | read-only | No | As per MIB |
| hh3cFlhPartUpgradeMode (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.9) | read-only | No | Not supported |
| hh3cFlhPartName (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.10) | read-only | No | As per MIB |
| hh3cFlhPartRequireErase (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.11) | read-only | No | Not supported |
| hh3cFlhPartFileNameLen (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.12) | read-only | No | Not supported |
| hh3cFlhPartBootable (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.13) | read-only | No | As per MIB |
| hh3cFlhPartPathForGlobalOpt (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.14) | read-write | No | As per MIB |
| hh3cFlhPartHCSpace  (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.15) | read-only | No | As per MIB |
| hh3cFlhPartHCSpaceFree  (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.16) | read-only | No | As per MIB |

## hh3cFlhFileTable

**OID: 1.3.6.1.4.1.25506.2.5.1.1.4.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cFlhFileIndex (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.1) | not-accessible | No | As per MIB |
| hh3cFlhFileName (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.2) | read-only | No | As per MIB |
| hh3cFlhFileSize (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.3) | read-only | No | As per MIB |
| hh3cFlhFileStatus (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.4) | read-only | No | As per MIB |
| hh3cFlhFileChecksum (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.5) | read-only | No | Not supported |
| hh3cFlhFileHCSize  (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.6) | read-only | No | As per MIB |

## hh3cFlhOpTable

**OID: 1.3.6.1.4.1.25506.2.5.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cFlhOperIndex (1.3.6.1.4.1.25506.2.5.1.2.1.1.1) | not-accessible | No | If the index ranges from 0x10000 to 0x1FFFF, net2FlashWithErase, net2FlashWithoutErase and delete operation will be executed in all the existing main boards, otherwise, the index is a random number. |
| hh3cFlhOperType (1.3.6.1.4.1.25506.2.5.1.2.1.1.2) | read-create | No | For the tftp protocol, rename and delete are not support.  The operation ‘net2FlashWithoutErase’ is the same as ‘net2FlashWithErase’. |
| hh3cFlhOperProtocol (1.3.6.1.4.1.25506.2.5.1.2.1.1.3) | read-create | No | Only support ftp, tftp, sftp |
| hh3cFlhOperServerAddress (1.3.6.1.4.1.25506.2.5.1.2.1.1.4) | read-create | No | As per MIB |
| hh3cFlhOperServerUser (1.3.6.1.4.1.25506.2.5.1.2.1.1.5) | read-create | No | As per MIB |
| hh3cFlhOperPassword (1.3.6.1.4.1.25506.2.5.1.2.1.1.6) | read-create | No | A zero-length string will be returned when read. |
| hh3cFlhOperSourceFile (1.3.6.1.4.1.25506.2.5.1.2.1.1.7) | read-create | No | If the index ranges from 0x10000 to 0x1FFFF, for net2FlashWithErase, net2FlashWithoutErase and delete operation, the filename can only be a ‘pure’ filename, namely it cannot contain ‘/’, |
| hh3cFlhOperDestinationFile (1.3.6.1.4.1.25506.2.5.1.2.1.1.8) | read-create | No | As per MIB |
| hh3cFlhOperStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1.9) | read-only | No | As per MIB |
| hh3cFlhOperEndNotification (1.3.6.1.4.1.25506.2.5.1.2.1.1.10) | read-create | No | As per MIB |
| hh3cFlhOperProgress (1.3.6.1.4.1.25506.2.5.1.2.1.1.11) | read-only | No | As per MIB |
| hh3cFlhOperRowStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1.12) | read-create | No | Only support active, createAndGo, destroy |
| hh3cFlhOperServerPort (1.3.6.1.4.1.25506.2.5.1.2.1.1.13) | read-create | No | Only support FTP protocol |
| hh3cFlhOperFailReason (1.3.6.1.4.1.25506.2.5.1.2.1.1.14) | read-only | No | As per MIB |
| hh3cFlhOperSrvAddrType  (1.3.6.1.4.1.25506.2.5.1.2.1.1.15) | read-create | No | As per MIB |
| hh3cFlhOperSrvAddrRev  (1.3.6.1.4.1.25506.2.5.1.2.1.1.16) | read-create | No | As per MIB |
| hh3cFlhOperSrvVPNName  (1.3.6.1.4.1.25506.2.5.1.2.1.1.17) | read-create | No | As per MIB |

When ftp protocol is used to transmit file, the values for hh3cFlhOperServerUser and hh3cFlhOperPassword must be specified.

The following values of Hh3cFlashOperationStatus are implemented for tftp protocol:

1: opInProgress(1)

2: opSuccess(2)

5: opInvalidSourceName(5)

10: opDeviceError(10)

12: opDeviceFull(12)

13: opFileOpenError(13)

14: opFileTransferError(14)

16: opNoMemory(16)

19: opUnknownFailure(19)

The following values of Hh3cFlashOperationStatus are implemented for ftp protocol:

1: opInProgress(1)

2: opSuccess(2)

3: opInvalidOperation(3)

5: opInvalidSourceName(5)

6: opInvalidDestName(6)

7: opInvalidServerAddress(7)

10: opDeviceError(10)

12: opDeviceFull(12)

13: opFileOpenError(13)

14: opFileTransferError(14)

16: opNoMemory(16)

17: opAuthFail(17)

19: opUnknownFailure(19)

The following values of Hh3cFlashOperationStatus are implemented for deleting operation:

1: opInProgress(1)

2: opSuccess(2)

5 opInvalidSourceName(5)

20:opDeleteFileOpenError(20),

21:opDeleteInvalidDevice(21),

22:opDeleteInvalidFunction(22),

23:opDeleteOperationError(23),

24:opDeleteInvalidFileName(24),

25:opDeleteDeviceBusy(25),

26:opDeleteParaError(26),

27:opDeleteInvalidPath(27)

# HH3C-IF-EXT-MIB

This MIB is an extension of interface MIBs such as IF-MIB. This MIB is applicable to routers, switches and other products. Some objects in this may be used only for some specific products, so users should refer to the related documents to acquire more detail information.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfStatGlobalFlowInterval (1.3.6.1.4.1.25506.2.40.1.1) | read-write | Yes | Not supported |
| hh3cIfShutDownInterval (1.3.6.1.4.1.25506.2.40.1.2) | read-write | Current | 1-300 |
| hh3cIfThroughputInKbps (1.3.6.1.4.1.25506.2.40.1.3) | read-only | No | As per MIB |
| hh3cIfThroughputOutKbps (1.3.6.1.4.1.25506.2.40.1.4) | read-only | No | As per MIB |
| hh3cIfPhysicalNumber (1.3.6.1.4.1.25506.2.40.2.3.1) | read-only | No | As per MIB |

## hh3cIfFlowStatTable

**OID: 1.3.6.1.4.1.25506.2.40.2.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfStatFlowInterval (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.1) | read-write | Current | Need confirmed by products. |
| hh3cIfStatFlowInBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.2) | read-only | No | As per MIB |
| hh3cIfStatFlowOutBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.3) | read-only | No | As per MIB |
| hh3cIfStatFlowInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.4) | read-only | No | As per MIB |
| hh3cIfStatFlowOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.5) | read-only | No | As per MIB |
| hh3cIfStatFlowInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.6) | read-only | No | As per MIB |
| hh3cIfStatFlowOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.7) | read-only | No | As per MIB |

## hh3cIfSpeedStatTable

**OID: 1.3.6.1.4.1.25506.2.40.2.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfSpeedStatInterval (1.3.6.1.4.1.25506.2.40.2.1.2.2.1.1) | read-only | Current | Need confirmed by products. |
| hh3cIfSpeedStatInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.2.1.2) | read-only | No | As per MIB |
| hh3cIfSpeedStatOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.2.1.3) | read-only | No | As per MIB |
| hh3cIfSpeedStatInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.2.1.4) | read-only | No | As per MIB |
| hh3cIfSpeedStatOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.2.1.5) | read-only | No | As per MIB |

## hh3cIfHCFlowStatTable

**OID: 1.3.6.1.4.1.25506.2.40.2.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfStatFlowHCInBits (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.1) | read-only | No | As per MIB |
| hh3cIfStatFlowHCOutBits (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.2) | read-only | No | As per MIB |
| hh3cIfStatFlowHCInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.3) | read-only | No | As per MIB |
| hh3cIfStatFlowHCOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.4) | read-only | No | As per MIB |
| hh3cIfStatFlowHCInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.5) | read-only | No | As per MIB |
| hh3cIfStatFlowHCOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.6) | read-only | No | As per MIB |

## hh3cRTParentIfTable

**OID: 1.3.6.1.4.1.25506.2.40.2.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cRTParentIfIndex (1.3.6.1.4.1.25506.2.40.2.2.1.1.1) | not-accessible | No | As per MIB |
| hh3cRTMinSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.1.1.2) | read-only | No | As per MIB |
| hh3cRTMaxSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.1.1.3) | read-only | No | As per MIB |

## hh3cRTSubIfTable

**OID: 1.3.6.1.4.1.25506.2.40.2.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cRTSubIfParentIfIndex (1.3.6.1.4.1.25506.2.40.2.2.2.1.1) | not-accessible | No | As per MIB |
| hh3cRTSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.2.1.2) | not-accessible | No | As per MIB |
| hh3cRTSubIfSubIfIndex (1.3.6.1.4.1.25506.2.40.2.2.2.1.3) | read-only | No | As per MIB |
| hh3cRTSubIfSubIfDesc (1.3.6.1.4.1.25506.2.40.2.2.2.1.4) | read-only | No | As per MIB |
| hh3cRTSubIfRowStatus (1.3.6.1.4.1.25506.2.40.2.2.2.1.5) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6) |

## hh3cIfLinkModeTable

**OID: 1.3.6.1.4.1.25506.2.40.2.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfLinkModeIndex (1.3.6.1.4.1.25506.2.40.2.2.3.1.1) | not-accessible | No | As per MIB |
| hh3cIfLinkMode (1.3.6.1.4.1.25506.2.40.2.2.3.1.2) | read-write | Current | As per MIB |
| hh3cIfLinkModeSwitchSupport (1.3.6.1.4.1.25506.2.40.2.2.3.1.3) | read-only | No | As per MIB |

## hh3cIfPortTypeTable

**OID: 1.3.6.1.4.1.25506.2.40.2.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfPortTypeIndex (1.3.6.1.4.1.25506.2.40.2.2.4.1.1) | not-accessible | No | As per MIB |
| hh3cIfPortType (1.3.6.1.4.1.25506.2.40.2.2.4.1.2) | read-write | Current | As per MIB |

## hh3cIfPfcDot1pTable

**OID: 1.3.6.1.4.1.25506.2.40.2.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfPfcDot1pValue (1.3.6.1.4.1.25506.2.40.2.2.5.1.1) | read-only | Current | Only support notification |
| hh3cIfPfcDot1pInPps (1.3.6.1.4.1.25506.2.40.2.2.5.1.2) | read-only | Current | Only support notification |
| hh3cIfPfcDot1pOutPps (1.3.6.1.4.1.25506.2.40.2.2.5.1.3) | read-only | Current | Only support notification |
| hh3cIfPfcDot1pInPpsThreshold (1.3.6.1.4.1.25506.2.40.2.2.5.1.4) | read-write | Current | Only support notification |
| hh3cIfPfcDot1pOutPpsThreshold  (1.3.6.1.4.1.25506.2.40.2.2.5.1.5) | read-write | Current | Only support notification |

## hh3cIfTable

**OID: 1.3.6.1.4.1.25506.2.40.2.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfUpDownTimes (1.3.6.1.4.1.25506.2.40.2.3.2.1.1) | read-only | No | As per MIB |
| hh3cIfMtu (1.3.6.1.4.1.25506.2.40.2.3.2.1.2) | read-write | Current | As per MIB |
| hh3cIfBandwidthRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.3) | accessible-for-notify | No | Not supported |
| hh3cIfDiscardPktRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.4) | accessible-for-notify | No | Not supported |
| hh3cIfStatusKeepTime (1.3.6.1.4.1.25506.2.40.2.3.2.1.5) | read-only | No | As per MIB |
| hh3cIfInNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.6) | read-only | No | Not supported |
| hh3cIfOutNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.7) | read-only | No | Not supported |
| hh3cIfIsPoe (1.3.6.1.4.1.25506.2.40.2.3.2.1.8) | read-only | No | Not supported |
| hh3cIfOperStatus (1.3.6.1.4.1.25506.2.40.2.3.2.1.9) | read-only | No | Not supported |
| hh3cIfDownTimes (1.3.6.1.4.1.25506.2.40.2.3.2.1.10) | read-only | No | Not supported |
| hh3cIfPfcStatus (1.3.6.1.4.1.25506.2.40.2.3.2.1.11) | read-write | Current | Need confirm by products |
| hh3cIfPfcDot1pNoDrop (1.3.6.1.4.1.25506.2.40.2.3.2.1.12) | read-write | Current | Need confirm by products |
| hh3cIfDescription (1.3.6.1.4.1.25506.2.40.2.3.2.1.13) | read-write | Current | As per MIB |
| hh3cIfFwdErrDiscards  (1.3.6.1.4.1.25506.2.40.2.3.2.1.14) | read-only | No | Need confirm by products |

## hh3cIfUsingTable

**OID: 1.3.6.1.4.1.25506.2.40.2.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfUsingIndex (1.3.6.1.4.1.25506.2.40.2.3.4.1) | read-only | No | As per MIB |
| hh3cIfUsingSupportType (1.3.6.1.4.1.25506.2.40.2.3.4.2) | read-only | No | As per MIB |
| hh3cIfUsingType (1.3.6.1.4.1.25506.2.40.2.3.4.3) | read-write | Current | As per MIB |
| hh3cIfUsingStatus (1.3.6.1.4.1.25506.2.40.2.3.4.4) | read-only | Current | As per MIB |

## hh3cIfHCSpeedStatTable

**OID: 1.3.6.1.4.1.25506.2.40.2.1.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfSpeedStatHCInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.4.1.1) | read-only | No | As per MIB |
| hh3cIfSpeedStatHCOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.4.1.2) | read-only | No | As per MIB |
| hh3cIfSpeedStatHCInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.4.1.3) | read-only | No | As per MIB |
| hh3cIfSpeedStatHCOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.4.1.4) | read-only | No | As per MIB |

## hh3cIfExtTrapCfgTable

**OID: 1.3.6.1.4.1.25506.2.40.3.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfBandwidthUpperLimit  (1.3.6.1.4.1.25506.2.40.3.1.1.1.1) | read-write | Current | Not supported |
| hh3cIfDiscardPktRateUpperLimit  (1.3.6.1.4.1.25506.2.40.3.1.1.1.2) | read-write | Current | Not supported |

## hh3cIfMonStatTable

**OID:** **1.3.6.1.4.1.25506.2.40.5.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfMonInputRateStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.1) | read-only | Current | Only support notification |
|  |  |  |  |
| hh3cIfMonOutputRateStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.2) | read-only | Current | Only support notification |
|  |  |  |  |
| hh3cIfMonInputErrorAlarmStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.3) | read-only | Current | Only support notification |
| hh3cIfMonOutputErrorAlarmStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.4) | read-only | Current | Only support notification |
| hh3cIfMonSdhErrorStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.5) | read-only | Current | Only support notification |
| hh3cIfMonSdhB1ErrorStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.6) | read-only | Current | Only support notification |
| hh3cIfMonSdhB2ErrorStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.7) | read-only | Current | Only support notification |
| hh3cIfMonCRCErrorStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.8) | read-only | Current | Only support notification |
| hh3cIfMonPauseFrameStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.9) | read-only | Current | Only support notification |
| hh3cIfMonTxPauseFrameStatistics  (1.3.6.1.4.1.25506.2.40.5.1.1.10) | read-only | Current | Only support notification |

## hh3cIfMonThresholdTable

**OID:** **1.3.6.1.4.1.25506.2.40.5.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfMonInputRateLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.1) | read-write | Current | Only support notification |
| hh3cIfMonInputRateHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.2) | read-write | Current | Only support notification |
| hh3cIfMonOutputRateLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.3) | read-write | Current | Only support notification |
| hh3cIfMonOutputRateHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.4) | read-write | Current | Only support notification |
| hh3cIfMonInputErrorAlarmLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.5) | read-write | Current | Only support notification |
| hh3cIfMonInputErrorAlarmHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.6) | read-write | Current | Only support notification |
| hh3cIfMonInputErrorAlarmInterval (1.3.6.1.4.1.25506.2.40.5.2.1.7) | read-write | Current | Only support notification |
| hh3cIfMonOutputErrorAlarmLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.8) | read-write | Current | Only support notification |
| hh3cIfMonOutputErrorAlarmHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.9) | read-write | Current | Only support notification |
| hh3cIfMonOutputErrorAlarmInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.10) | read-write | Current | Only support notification |
| hh3cIfMonSdhErrorLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.11) | read-write | Current | Only support notification |
| hh3cIfMonSdhErrorHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.12) | read-write | Current | Only support notification |
| hh3cIfMonSdhErrorInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.13) | read-write | Current | Only support notification |
| hh3cIfMonSdhB1ErrorLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.14) | read-write | Current | Only support notification |
| hh3cIfMonSdhB1ErrorHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.15) | read-write | Current | Only support notification |
| hh3cIfMonSdhB1ErrorInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.16) | read-write | Current | Only support notification |
| hh3cIfMonSdhB2ErrorLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.17) | read-write | Current | Only support notification |
| hh3cIfMonSdhB2ErrorHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.18) | read-write | Current | Only support notification |
| hh3cIfMonSdhB2ErrorInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.19) | read-write | Current | Only support notification |
| hh3cIfMonCRCErrorLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.20) | read-write | Current | Only support notification |
| hh3cIfMonCRCErrorHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.21) | read-write | Current | Only support notification |
| hh3cIfMonCRCErrorInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.22) | read-write | Current | Only support notification |
| hh3cIfMonCRCErrType  (1.3.6.1.4.1.25506.2.40.5.2.1.23) | read-write | Current | Only support notification |
| hh3cIfMonPauseFrameLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.24) | read-write | Current | Only support notification |
| hh3cIfMonPauseFrameHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.25) | read-write | Current | Only support notification |
| hh3cIfMonPauseFrameInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.26) | read-write | Current | Only support notification |
| hh3cIfMonTxPauseFrameLowThres  (1.3.6.1.4.1.25506.2.40.5.2.1.27) | read-write | Current | Only support notification |
| hh3cIfMonTxPauseFrameHighThres  (1.3.6.1.4.1.25506.2.40.5.2.1.28) | read-write | Current | Only support notification |
| hh3cIfMonTxPauseFrameInterval  (1.3.6.1.4.1.25506.2.40.5.2.1.29) | read-write | Current | Only support notification |

## hh3cifMonAlarmDownEnableTable

**OID:** **1.3.6.1.4.1.25506.2.40.5.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Description |
| hh3cIfMonInputRateEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.1) | read-write | Current | Only support notification |
| hh3cIfMonOutputRateEnableDown (1.3.6.1.4.1.25506.2.40.5.2.2.2) | read-write | Current | Only support notification |
| hh3cIfMonInputErrorAlarmEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.3) | read-write | Current | Only support notification |
| hh3cIfMonOutputErrorAlarmEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.4) | read-write | Current | Only support notification |
| hh3cIfMonSdhErrorEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.5) | read-write | Current | Only support notification |
| hh3cIfMonSdhB1ErrorEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.6) | read-write | Current | Only support notification |
| hh3cIfMonSdhB2ErrorEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.7) | read-write | Current | Only support notification |
| hh3cIfMonCRCErrorEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.8) | read-write | Current | Only support notification |
| hh3cIfMonPauseFrameEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.9) | read-write | Current | Only support notification |
| hh3cIfMonTxPauseFrameEnableDown  (1.3.6.1.4.1.25506.2.40.5.2.2.10) | read-write | Current | Only support notification |

# HH3C-IFQOS2-MIB

## hh3cIfQoSTricolorCarConfigTable(MSR26/MSR36)

**OID: 1.3.6.1.4.1.25506.2.65.1.4.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSTricolorCarDirection (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.1) | not-accessible | Current | As per MIB. |
| hh3cIfQoSTricolorCarType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.2) | not-accessible | Current | As per MIB. |
| hh3cIfQoSTricolorCarValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.3) | not-accessible | Current | Range from 2000 to 3999 for ipv4acl and ipv6acl, range from 1 to 199 for carl. |
| hh3cIfQoSTricolorCarCir (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.4) | read-create | Current | Range from 8 to 1000000.  Range from 1 to 100 |
| hh3cIfQoSTricolorCarCbs (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.5) | read-create | Current | Range from 1000 to 100000000.  Range from 50 to 2000. |
| hh3cIfQoSTricolorCarEbs (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.6) | read-create | Current | Range from 0 to 100000000.  Range from 1 to 100. |
| hh3cIfQoSTricolorCarPir (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.7) | read-create | Current | Range from 8 to 1000000.  Range from 0 to 2000. |
| hh3cIfQoSTricolorCarGreenActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.8) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarGreenActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.9) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarYellowActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.10) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarYellowActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.11) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarRedActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.12) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarRedActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.13) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarRowStatus (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.14) | read-create | Current | As per MIB |
| hh3cIfQoSTricolorCarUnitType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.15) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSTricolorCarConfigTable(MSR56)

**OID: 1.3.6.1.4.1.25506.2.65.1.4.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSTricolorCarDirection (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.1) | not-accessible | Current | As per MIB. |
| hh3cIfQoSTricolorCarType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.2) | not-accessible | Current | As per MIB. |
| hh3cIfQoSTricolorCarValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.3) | not-accessible | Current | Range from 2000 to 3999 for ipv4acl and ipv6acl, range from 1 to 199 for carl. |
| hh3cIfQoSTricolorCarCir (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.4) | read-create | Current | Range from 8 to 10000000. |
| hh3cIfQoSTricolorCarCbs (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.5) | read-create | Current | Range from 1000 to 1000000000. |
| hh3cIfQoSTricolorCarEbs (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.6) | read-create | Current | Range from 0 to 1000000000. |
| hh3cIfQoSTricolorCarPir (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.7) | read-create | Current | Range from 8 to 10000000. |
| hh3cIfQoSTricolorCarGreenActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.8) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarGreenActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.9) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarYellowActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.10) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarYellowActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.11) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarRedActionType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.12) | read-create | Current | Only support pass(1), continue(2), discard(3), remark-ip-continue(5), remark-ip-pass(6), remark-mplsexp-continue(7), remark-mplsexp-pass(8), remark-dscp-continue(9), remark-dscp-pass(10), and remark-dot1p-continue(11), remark-dot1p-pass(12). |
| hh3cIfQoSTricolorCarRedActionValue (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.13) | read-create | Current | As per MIB. |
| hh3cIfQoSTricolorCarRowStatus (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.14) | read-create | Current | As per MIB |
| hh3cIfQoSTricolorCarUnitType (1.3.6.1.4.1.25506.2.65.1.4.2.1.1.15) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSTricolorCarRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.1.4.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSTricolorCarGreenPackets (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.1) | read-only | No | As per MIB. |
| hh3cIfQoSTricolorCarGreenBytes (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.2) | read-only | No | As per MIB. |
| hh3cIfQoSTricolorCarYellowPackets (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.3) | read-only | No | As per MIB. |
| hh3cIfQoSTricolorCarYellowBytes (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.4) | read-only | No | As per MIB. |
| hh3cIfQoSTricolorCarRedPackets (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.5) | read-only | No | As per MIB. |
| hh3cIfQoSTricolorCarRedBytes (1.3.6.1.4.1.25506.2.65.1.4.2.2.1.6) | read-only | No | As per MIB. |

## hh3cIfQoSGTSConfigTable(MSR26/MSR36)

**OID: 1.3.6.1.4.1.25506.2.65.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSGTSClassRuleType (1.3.6.1.4.1.25506.2.65.1.5.1.1.1) | not-accessible | Current | Only support any(1), ipv4acl(2) and ipv6acl(3). |
| hh3cIfQoSGTSClassRuleValue (1.3.6.1.4.1.25506.2.65.1.5.1.1.2) | not-accessible | Current | Valued 0 for any(1). Range from 2000 to 3999 for ipv4acl(2) and ipv6acl(3). |
| hh3cIfQoSGTSCir (1.3.6.1.4.1.25506.2.65.1.5.1.1.3) | read-create | Current | Range from 8 to 10000000 |
| hh3cIfQoSGTSCbs (1.3.6.1.4.1.25506.2.65.1.5.1.1.4) | read-create | Current | Range from 1000 to 1000000000. |
| hh3cIfQoSGTSEbs (1.3.6.1.4.1.25506.2.65.1.5.1.1.5) | read-create | Current | Range from 0 to 100000000. |
| hh3cIfQoSGTSQueueLength (1.3.6.1.4.1.25506.2.65.1.5.1.1.6) | read-create | Current | Range from 1 to 1024. |
| hh3cIfQoSGTSConfigRowStatus (1.3.6.1.4.1.25506.2.65.1.5.1.1.7) | read-create | Current | As per MIB. |
| hh3cIfQoSGTSPir (1.3.6.1.4.1.25506.2.65.1.5.1.1.8) | read-create | Current | Not supported. |
| hh3cIfQoSGTSUnitType (1.3.6.1.4.1.25506.2.65.1.5.1.1.9) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSGTSConfigTable(MSR56)

**OID: 1.3.6.1.4.1.25506.2.65.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSGTSClassRuleType (1.3.6.1.4.1.25506.2.65.1.5.1.1.1) | not-accessible | Current | Only support any(1), ipv4acl(2) and ipv6acl(3). |
| hh3cIfQoSGTSClassRuleValue (1.3.6.1.4.1.25506.2.65.1.5.1.1.2) | not-accessible | Current | Valued 0 for any(1). Range from 2000 to 3999 for ipv4acl(2) and ipv6acl(3). |
| hh3cIfQoSGTSCir (1.3.6.1.4.1.25506.2.65.1.5.1.1.3) | read-create | Current | Range from 8 to 10000000 |
| hh3cIfQoSGTSCbs (1.3.6.1.4.1.25506.2.65.1.5.1.1.4) | read-create | Current | Range from 1000 to 1000000000. |
| hh3cIfQoSGTSEbs (1.3.6.1.4.1.25506.2.65.1.5.1.1.5) | read-create | Current | Range from 0 to 1000000000. |
| hh3cIfQoSGTSQueueLength (1.3.6.1.4.1.25506.2.65.1.5.1.1.6) | read-create | Current | Range from 1 to 1024. |
| hh3cIfQoSGTSConfigRowStatus (1.3.6.1.4.1.25506.2.65.1.5.1.1.7) | read-create | Current | As per MIB. |
| hh3cIfQoSGTSPir (1.3.6.1.4.1.25506.2.65.1.5.1.1.8) | read-create | Current | Not supported. |
| hh3cIfQoSGTSUnitType (1.3.6.1.4.1.25506.2.65.1.5.1.1.9) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSGTSRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.1.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSGTSQueueSize (1.3.6.1.4.1.25506.2.65.1.5.2.1.1) | read-only | No | As per MIB. |
| hh3cIfQoSGTSPassedPackets (1.3.6.1.4.1.25506.2.65.1.5.2.1.2) | read-only | No | As per MIB. |
| hh3cIfQoSGTSPassedBytes (1.3.6.1.4.1.25506.2.65.1.5.2.1.3) | read-only | No | As per MIB. |
| hh3cIfQoSGTSDiscardPackets (1.3.6.1.4.1.25506.2.65.1.5.2.1.4) | read-only | No | As per MIB. |
| hh3cIfQoSGTSDiscardBytes (1.3.6.1.4.1.25506.2.65.1.5.2.1.5) | read-only | No | As per MIB. |
| hh3cIfQoSGTSDelayedPackets (1.3.6.1.4.1.25506.2.65.1.5.2.1.6) | read-only | No | As per MIB. |
| hh3cIfQoSGTSDelayedBytes (1.3.6.1.4.1.25506.2.65.1.5.2.1.7) | read-only | No | As per MIB. |

## hh3cIfQoSProcessingStatusObjects

**OID: 1.3.6.1.4.1.25506.2.65.1.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSProcessingStatus (1.3.6.1.4.1.25506.2.65.1.13.1) | read-only | No | As per MIB |

## hh3cIfQoSLRConfigTable (MSR26)

**OID: 1.3.6.1.4.1.25506.2.65.1.3.1**

In the set operation, hh3cIfQoSLRCir, hh3cIfQoSLRCbs, hh3cIfQoSLREbs should be set following the range. Get the range using the table hh3cQoSCapabilityTable.

hh3cIfQoSLRCir must be bound in a set operation. If hh3cIfQoSLRCbs or hh3cIfQoSLREbs is not bound in the set operation, the value will be given by the system.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSLRDirection (1.3.6.1.4.1.25506.2.65.1.3.1.1.1) | not-accessible | Current | Only support outbound(2). |
| hh3cIfQoSLRCir (1.3.6.1.4.1.25506.2.65.1.3.1.1.2) | read-create | Current | Range from 128 to 8192 for Ethernet. Range from 8 to 1000000 for GigabitEthernet. |
| hh3cIfQoSLRCbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.3) | read-create | Current | Range from 0 to 4294967294 for Ethernet. Range from 500 to 100000000 for GigabitEthernet. |
| hh3cIfQoSLREbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.4) | read-create | Current | Range from 0 to 4294967294 for Ethernet. Range from 0 to 100000000 for GigabitEthernet. |
| hh3cIfQoSRowStatus (1.3.6.1.4.1.25506.2.65.1.3.1.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cIfQoSLRPir（1.3.6.1.4.1.25506.2.65.1.3.1.1.6） | read-create | Current | Not supported |
| hh3cIfQoSLRUnit (1.3.6.1.4.1.25506.2.65.1.3.1.1.7) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSLRConfigTable (Not MSR26)

**OID: 1.3.6.1.4.1.25506.2.65.1.3.1**

In the set operation, hh3cIfQoSLRCir, hh3cIfQoSLRCbs, hh3cIfQoSLREbs should be set following the range. Get the range using the table hh3cQoSCapabilityTable.

hh3cIfQoSLRCir must be bound in a set operation. If hh3cIfQoSLRCbs or hh3cIfQoSLREbs is not bound in the set operation, the value will be given by the system.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSLRDirection (1.3.6.1.4.1.25506.2.65.1.3.1.1.1) | not-accessible | Current | As per MIB |
| hh3cIfQoSLRCir (1.3.6.1.4.1.25506.2.65.1.3.1.1.2) | read-create | Current | Range from 8 to 1000000. |
| hh3cIfQoSLRCbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.3) | read-create | Current | Range from 500 to 100000000. |
| hh3cIfQoSLREbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.4) | read-create | Current | Range from 0 to 100000000. |
| hh3cIfQoSRowStatus (1.3.6.1.4.1.25506.2.65.1.3.1.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cIfQoSLRPir（1.3.6.1.4.1.25506.2.65.1.3.1.1.6） | read-create | Current | Not supported |
| hh3cIfQoSLRUnit (1.3.6.1.4.1.25506.2.65.1.3.1.1.7) | read-create | Current | Only support unitAbsolute(1). |

## hh3cIfQoSLRRunInfoTable

**OID: 1.3.6.1.4.1.25506.2.65.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIfQoSLRRunInfoPassedPackets (1.3.6.1.4.1.25506.2.65.1.3.2.1.1) | read-only | No | As per MIB |
| hh3cIfQoSLRRunInfoPassedBytes (1.3.6.1.4.1.25506.2.65.1.3.2.1.2) | read-only | No | As per MIB |
| hh3cIfQoSLRRunInfoDelayedPackets (1.3.6.1.4.1.25506.2.65.1.3.2.1.3) | read-only | No | As per MIB |
| hh3cIfQoSLRRunInfoDelayedBytes (1.3.6.1.4.1.25506.2.65.1.3.2.1.4) | read-only | No | As per MIB |
| hh3cIfQoSLRRunInfoActiveShaping (1.3.6.1.4.1.25506.2.65.1.3.2.1.5) | read-only | Current | As per MIB |

# HH3C-IKE-MONITOR-MIB

This MIB defines monitor information used on devices which support IKE protocol.

## hh3cIKETunnelTable

**OID: 1.3.6.1.4.1.25506.2.30.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKETunIndex (1.3.6.1.4.1.25506.2.30.1.1.1.1) | accessible-for-notify | No | As per MIB |
| hh3cIKETunLocalType (1.3.6.1.4.1.25506.2.30.1.1.1.2) | read-only | No | As per MIB |
| hh3cIKETunLocalValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.3) | read-only | No | As per MIB |
| hh3cIKETunLocalValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.4) | read-only | No | Not supported |
| hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5) | read-only | deprecated | As per MIB |
| hh3cIKETunRemoteType (1.3.6.1.4.1.25506.2.30.1.1.1.6) | read-only | No | As per MIB |
| hh3cIKETunRemoteValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.7) | read-only | No | As per MIB |
| hh3cIKETunRemoteValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.8) | read-only | No | Not supported |
| hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9) | read-only | deprecated | As per MIB |
| hh3cIKETunInitiator (1.3.6.1.4.1.25506.2.30.1.1.1.10) | read-only | No | As per MIB |
| hh3cIKETunNegoMode (1.3.6.1.4.1.25506.2.30.1.1.1.11) | read-only | No | As per MIB |
| hh3cIKETunDiffHellmanGrp (1.3.6.1.4.1.25506.2.30.1.1.1.12) | read-only | No | As per MIB |
| hh3cIKETunEncryptAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.13) | read-only | No | As per MIB |
| hh3cIKETunHashAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.14) | read-only | No | As per MIB |
| hh3cIKETunAuthMethod (1.3.6.1.4.1.25506.2.30.1.1.1.15) | read-only | No | As per MIB |
| hh3cIKETunLifeTime (1.3.6.1.4.1.25506.2.30.1.1.1.16) | read-only | No | Range from 1 to 2147483647 |
| hh3cIKETunActiveTime (1.3.6.1.4.1.25506.2.30.1.1.1.17) | read-only | No | Range from 1 to 2147483647 |
| hh3cIKETunRemainTime (1.3.6.1.4.1.25506.2.30.1.1.1.18) | read-only | No | Range from 1 to 2147483647 |
| hh3cIKETunTotalRefreshes (1.3.6.1.4.1.25506.2.30.1.1.1.19) | read-only | No | As per MIB |
| hh3cIKETunState (1.3.6.1.4.1.25506.2.30.1.1.1.20) | read-only | No | As per MIB |
| hh3cIKETunDpdIntervalTime (1.3.6.1.4.1.25506.2.30.1.1.1.21) | read-only | No | Not supported |
| hh3cIKETunDpdTimeOut (1.3.6.1.4.1.25506.2.30.1.1.1.22) | read-only | No | Not supported |
| hh3cIKETunLocalInetAddrType (1.3.6.1.4.1.25506.2.30.1.1.1.23) | read-only | No | As per MIB |
| hh3cIKETunLocalInetAddr (1.3.6.1.4.1.25506.2.30.1.1.1.24) | read-only | No | As per MIB |
| hh3cIKETunRemoteInetAddrType (1.3.6.1.4.1.25506.2.30.1.1.1.25) | read-only | No | As per MIB |
| hh3cIKETunRemoteInetAddr (1.3.6.1.4.1.25506.2.30.1.1.1.26) | read-only | No | As per MIB |

## hh3cIKETunnelStatTable

**OID: 1.3.6.1.4.1.25506.2.30.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKETunInOctets (1.3.6.1.4.1.25506.2.30.1.2.1.1) | read-only | No | As per MIB |
| hh3cIKETunInPkts (1.3.6.1.4.1.25506.2.30.1.2.1.2) | read-only | No | As per MIB |
| hh3cIKETunInDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1.3) | read-only | No | As per MIB |
| hh3cIKETunInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1.4) | read-only | No | As per MIB |
| hh3cIKETunInP2ExchgRejets (1.3.6.1.4.1.25506.2.30.1.2.1.5) | read-only | No | As per MIB |
| hh3cIKETunInP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.6) | read-only | No | As per MIB |
| hh3cIKETunInP1SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.7) | read-only | No | As per MIB |
| hh3cIKETunInNotifys (1.3.6.1.4.1.25506.2.30.1.2.1.8) | read-only | No | As per MIB |
| hh3cIKETunOutOctets (1.3.6.1.4.1.25506.2.30.1.2.1.9) | read-only | No | As per MIB |
| hh3cIKETunOutPkts (1.3.6.1.4.1.25506.2.30.1.2.1.10) | read-only | No | As per MIB |
| hh3cIKETunOutDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1.11) | read-only | No | As per MIB |
| hh3cIKETunOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1.12) | read-only | No | As per MIB |
| hh3cIKETunOutP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.2.1.13) | read-only | No | As per MIB |
| hh3cIKETunOutP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.14) | read-only | No | As per MIB |
| hh3cIKETunOutP1SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.15) | read-only | No | As per MIB |
| hh3cIKETunOutNotifys (1.3.6.1.4.1.25506.2.30.1.2.1.16) | read-only | No | As per MIB |

## hh3cIKEGlobalStats

**OID: 1.3.6.1.4.1.25506.2.30.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKEGlobalActiveTunnels (1.3.6.1.4.1.25506.2.30.1.3.1) | read-only | No | As per MIB |
| hh3cIKEGlobalInOctets (1.3.6.1.4.1.25506.2.30.1.3.2) | read-only | No | As per MIB |
| hh3cIKEGlobalInPkts (1.3.6.1.4.1.25506.2.30.1.3.3) | read-only | No | As per MIB |
| hh3cIKEGlobalInDropPkts (1.3.6.1.4.1.25506.2.30.1.3.4) | read-only | No | As per MIB |
| hh3cIKEGlobalInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.5) | read-only | No | As per MIB |
| hh3cIKEGlobalInP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.3.6) | read-only | No | As per MIB |
| hh3cIKEGlobalInP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.3.7) | read-only | No | As per MIB |
| hh3cIKEGlobalInNotifys (1.3.6.1.4.1.25506.2.30.1.3.8) | read-only | No | As per MIB |
| hh3cIKEGlobalOutOctets (1.3.6.1.4.1.25506.2.30.1.3.9) | read-only | No | As per MIB |
| hh3cIKEGlobalOutPkts (1.3.6.1.4.1.25506.2.30.1.3.10) | read-only | No | As per MIB |
| hh3cIKEGlobalOutDropPkts (1.3.6.1.4.1.25506.2.30.1.3.11) | read-only | No | As per MIB |
| hh3cIKEGlobalOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.12) | read-only | No | As per MIB |
| hh3cIKEGlobalOutP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.3.13) | read-only | No | As per MIB |
| hh3cIKEGlobalOutP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.3.14) | read-only | No | As per MIB |
| hh3cIKEGlobalOutNotifys (1.3.6.1.4.1.25506.2.30.1.3.15) | read-only | No | As per MIB |
| hh3cIKEGlobalInitTunnels (1.3.6.1.4.1.25506.2.30.1.3.16) | read-only | No | As per MIB |
| hh3cIKEGlobalInitTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.17) | read-only | No | As per MIB |
| hh3cIKEGlobalRespTunnels (1.3.6.1.4.1.25506.2.30.1.3.18) | read-only | No | As per MIB |
| hh3cIKEGlobalRespTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.19) | read-only | No | As per MIB |
| hh3cIKEGlobalAuthFails (1.3.6.1.4.1.25506.2.30.1.3.20) | read-only | No | As per MIB |
| hh3cIKEGlobalNoSaFails (1.3.6.1.4.1.25506.2.30.1.3.21) | read-only | No | As per MIB |
| hh3cIKEGlobalInvalidCookieFails (1.3.6.1.4.1.25506.2.30.1.3.22) | read-only | No | As per MIB |
| hh3cIKEGlobalAttrNotSuppFails (1.3.6.1.4.1.25506.2.30.1.3.23) | read-only | No | Not supported |
| hh3cIKEGlobalNoProposalChosenFails (1.3.6.1.4.1.25506.2.30.1.3.24) | read-only | No | As per MIB |
| hh3cIKEGlobalUnsportExchTypeFails (1.3.6.1.4.1.25506.2.30.1.3.25) | read-only | No | As per MIB |
| hh3cIKEGlobalInvalidIdFails (1.3.6.1.4.1.25506.2.30.1.3.26) | read-only | No | As per MIB |
| hh3cIKEGlobalInvalidProFails (1.3.6.1.4.1.25506.2.30.1.3.27) | read-only | No | As per MIB |
| hh3cIKEGlobalCertTypeUnsuppFails (1.3.6.1.4.1.25506.2.30.1.3.28) | read-only | No | As per MIB |
| hh3cIKEGlobalInvalidCertAuthFails (1.3.6.1.4.1.25506.2.30.1.3.29) | read-only | No | Not supported |
| hh3cIKEGlobalInvalidSignFails (1.3.6.1.4.1.25506.2.30.1.3.30) | read-only | No | Not supported |
| hh3cIKEGlobalCertUnavailableFails (1.3.6.1.4.1.25506.2.30.1.3.31) | read-only | No | As per MIB |

## hh3cIKETrapObject

**OID: 1.3.6.1.4.1.25506.2.30.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKEProposalNumber (1.3.6.1.4.1.25506.2.30.1.4.1) | accessible-for-notify | No | As per MIB |
| hh3cIKEProposalSize (1.3.6.1.4.1.25506.2.30.1.4.2) | accessible-for-notify | No | As per MIB |
| hh3cIKEIdInformation (1.3.6.1.4.1.25506.2.30.1.4.3) | accessible-for-notify | No | As per MIB |
| hh3cIKEProtocolNum (1.3.6.1.4.1.25506.2.30.1.4.4) | accessible-for-notify | No | As per MIB |
| hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5) | accessible-for-notify | No | As per MIB |

## hh3cIKETrapCntl

**OID: 1.3.6.1.4.1.25506.2.30.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKETrapGlobalCntl (1.3.6.1.4.1.25506.2.30.1.5.1) | read-write | No | As per MIB |
| hh3cIKETunnelStartTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.2) | read-write | No | As per MIB |
| hh3cIKETunnelStopTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.3) | read-write | No | As per MIB |
| hh3cIKENoSaTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.4) | read-write | No | As per MIB |
| hh3cIKEEncryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.5) | read-write | No | As per MIB |
| hh3cIKEDecryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.6) | read-write | No | As per MIB |
| hh3cIKEInvalidProposalTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.7) | read-write | No | As per MIB |
| hh3cIKEAuthFailTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.8) | read-write | No | As per MIB |
| hh3cIKEInvalidCookieTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.9) | read-write | No | As per MIB |
| hh3cIKEInvalidSpiTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.10) | read-write | deprecated | As per MIB |
| hh3cIKEAttrNotSuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.11) | read-write | No | As per MIB |
| hh3cIKEUnsportExchTypeTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.12) | read-write | No | As per MIB |
| hh3cIKEInvalidIdTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.13) | read-write | No | As per MIB |
| hh3cIKEInvalidProtocolTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.14) | read-write | No | As per MIB |
| hh3cIKECertTypeUnsuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.15) | read-write | No | As per MIB |
| hh3cIKEInvalidCertAuthTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.16) | read-write | No | As per MIB |
| hh3cIKEInvalidSignTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.17) | read-write | No | As per MIB |
| hh3cIKECertUnavailableTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.18) | read-write | No | As per MIB |
| hh3cIKEProposalAddTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.19) | read-write | No | As per MIB |
| hh3cIKEProposalDelTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.20) | read-write | No | As per MIB |

## hh3cIKEScalarObjects

**OID: 1.3.6.1.4.1.25506.2.30.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIKEMIBVersion (1.3.6.1.4.1.25506.2.30.1.7.1) | read-only | Current | As per MIB |

# HH3C-INFO-CENTER-MIB

## hh3cICLogbufferObjects

**OID: 1.3.6.1.4.1.25506.2.119.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICMaxLogbufferSize (1.3.6.1.4.1.25506.2.119.1.1.1) | read-only | No | As per MIB |
| hh3cICLogbufferSize (1.3.6.1.4.1.25506.2.119.1.1.2) | read-write | Current | As per MIB |
| hh3cICLogbufferCurrentMessages  (1.3.6.1.4.1.25506.2.119.1.1.3) | read-only | No | As per MIB |
| hh3cICLogbufferOverwrittenMessages  (1.3.6.1.4.1.25506.2.119.1.1.4) | read-only | No | As per MIB |
| hh3cICLogbufferDroppedMessages  (1.3.6.1.4.1.25506.2.119.1.1.5) | read-only | No | As per MIB |

## hh3cICLogbufferContTable

**OID: 1.3.6.1.4.1.25506.2.119.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICLogbufferContIndex (1.3.6.1.4.1.25506.2.119.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cICLogbufferContDescription (1.3.6.1.4.1.25506.2.119.1.2.1.2) | read-only | No | As per MIB |

## hh3cICLoghostObjects

**OID: 1.3.6.1.4.1.25506.2.119.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICMaxLoghost (1.3.6.1.4.1.25506.2.119.2.1.1) | read-only | No | As per MIB |
| hh3cICLoghostSourceInterface (1.3.6.1.4.1.25506.2.119.2.1.2) | read-write | Current | As per MIB |
| hh3cICLoghostTimestampType  (1.3.6.1.4.1.25506.2.119.2.1.3) | read-write | Current | Only support date, iso, dateWithoutYear and none. |

## hh3cICLoghostTable

**OID: 1.3.6.1.4.1.25506.2.119.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICLoghostIndex (1.3.6.1.4.1.25506.2.119.2.2.1.1) | not-accessible | No | As per MIB |
| hh3cICLoghostIpaddressType (1.3.6.1.4.1.25506.2.119.2.2.1.2) | read-create | Current | As per MIB |
| hh3cICLoghostIpaddress  (1.3.6.1.4.1.25506.2.119.2.2.1.3) | read-create | Current | As per MIB |
| hh3cICLoghostVPNName  (1.3.6.1.4.1.25506.2.119.2.2.1.4) | read-create | Current | As per MIB |
| hh3cICLoghostFacility  (1.3.6.1.4.1.25506.2.119.2.2.1.5) | read-create | Current | As per MIB |
| hh3cICLoghostOperateRowStatus  (1.3.6.1.4.1.25506.2.119.2.2.1.6) | read-create | Current | As per MIB |
| hh3cICLoghostIpaddressPort  (1.3.6.1.4.1.25506.2.119.2.2.1.7) | read-create | Current | As per MIB |
| hh3cICLoghostTAddress  (1.3.6.1.4.1.25506.2.119.2.2.1.8) | read-create | Current | Only support IPv4. |

## hh3cICDirectionTable

**OID: 1.3.6.1.4.1.25506.2.119.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICDirectionIndex (1.3.6.1.4.1.25506.2.119.3.1.1.1) | not-accessible | No | As per MIB |
| hh3cICDirectionName (1.3.6.1.4.1.25506.2.119.3.1.1.2) | read-only | No | As per MIB |
| hh3cICDirectionState  (1.3.6.1.4.1.25506.2.119.3.1.1.3) | read-write | Current | Only support directions of logbuffer, logfile, secfile and diagfile. The value of this object is always true for other directions. |

## hh3cICModuleTable

**OID: 1.3.6.1.4.1.25506.2.119.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICModuleName (1.3.6.1.4.1.25506.2.119.4.1.1.1) | read-only | No | As per MIB |

## hh3cICLogObjects

**OID: 1.3.6.1.4.1.25506.2.119.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICLogGlobalState (1.3.6.1.4.1.25506.2.119.5.1.1) | read-write | Current | As per MIB |
| hh3cICLogTimestampType (1.3.6.1.4.1.25506.2.119.5.1.2) | read-write | Current | Only support boot, date and none. |

## hh3cICLogTable

**OID: 1.3.6.1.4.1.25506.2.119.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cICLogLevel (1.3.6.1.4.1.25506.2.119.5.2.1.1) | read-creat | Current | As per MIB |
| hh3cICLogRowStatus (1.3.6.1.4.1.25506.2.119.5.2.1.2) | read-creat | Current | As per MIB |

This table can’t be created if the index of module name includes lowercase or it is “DEFAULT”.

This table can’t be destroyed if the index of module name is “default”.

# HH3C-IP-ADDRESS-MIB

## hh3cIpAddrNotifyScalarObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpAddrNotifyIfIndex (1.3.6.1.4.1.25506.2.67.2.1.1) | accessible-for-notify | No | As per MIB |
| hh3cIpAddrOldIpAddress (1.3.6.1.4.1.25506.2.67.2.1.2) | accessible-for-notify | No | As per MIB |
| hh3cIpAddrNewIpAddress (1.3.6.1.4.1.25506.2.67.2.1.3) | accessible-for-notify | No | As per MIB |

## hh3cIpAddrSetTable

**OID: 1.3.6.1.4.1.25506.2.67.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpAddrSetIfIndex (1.3.6.1.4.1.25506.2.67.1.1.1.1.1) | not-accessible | Current | As per MIB |
| hh3cIpAddrSetAddrType (1.3.6.1.4.1.25506.2.67.1.1.1.1.2) | not-accessible | Current | Only support ipv4(1) |
| hh3cIpAddrSetAddr (1.3.6.1.4.1.25506.2.67.1.1.1.1.3) | not-accessible | Current | As per MIB |
| hh3cIpAddrSetMask (1.3.6.1.4.1.25506.2.67.1.1.1.1.4) | read-create | Current | As per MIB |
| hh3cIpAddrSetSourceType (1.3.6.1.4.1.25506.2.67.1.1.1.1.5) | read-create | Current | As per MIB |
| hh3cIpAddrSetCatalog (1.3.6.1.4.1.25506.2.67.1.1.1.1.6) | read-create | Current | As per MIB |
| hh3cIpAddrSetRowStatus (1.3.6.1.4.1.25506.2.67.1.1.1.1.7) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) ,the value active(1) is only for reading. |

## hh3cIpAddrReadTable

**OID: 1.3.6.1.4.1.25506.2.67.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpAddrReadIfIndex (1.3.6.1.4.1.25506.2.67.1.1.2.1.1) | not-accessible | Current | As per MIB |
| hh3cIpAddrReadAddrType (1.3.6.1.4.1.25506.2.67.1.1.2.1.2) | not-accessible | Current | Only support ipv4(1) |
| hh3cIpAddrReadAddr (1.3.6.1.4.1.25506.2.67.1.1.2.1.3) | not-accessible | Current | As per MIB |
| hh3cIpAddrReadMask (1.3.6.1.4.1.25506.2.67.1.1.2.1.4) | read-only | Current | As per MIB |
| hh3cIpAddrReadSourceType (1.3.6.1.4.1.25506.2.67.1.1.2.1.5) | read-only | Current | As per MIB |
| hh3cIpAddrReadCatalog (1.3.6.1.4.1.25506.2.67.1.1.2.1.6) | read-only | Current | As per MIB |

## hh3cIpv4AddrTable

**OID: 1.3.6.1.4.1.25506.2.67.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpv4AddrAddr  (1.3.6.1.4.1.25506.2.67.1.1.3.1.1) | read-create | Current | When reading, the value will be 0.0.0.0 if  no primary IP address exists on the interface. |
| hh3cIpv4AddrMask  (1.3.6.1.4.1.25506.2.67.1.1.3.1.2) | read-create | Current | As per MIB |
| hh3cIpv4AddrRowStatus  (1.3.6.1.4.1.25506.2.67.1.1.3.1.3) | read-create | Current | Only support active(1), notInService(2), createAndGo(4) and destroy(6) ,  When reading, the value is active(1) if exists a primary IP address on the interface.  When reading, the value is notInService (2) if no primary IP address exists on the interface. |

# HH3C-IPSEC-MONITOR-V2-MIB

## hh3cIPsecScalarObjectsV2

**OID: 1.3.6.1.4.1.25506.2.126.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecMIBVersion (1.3.6.1.4.1.25506.2.126.1.1.1) | read-only | Current | As per MIB |

## hh3cIPsecTunnelV2Table

**OID: 1.3.6.1.4.1.25506.2.126.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecTunIndexV2 (1.3.6.1.4.1.25506.2.126.1.2.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cIPsecTunIfIndexV2 (1.3.6.1.4.1.25506.2.126.1.2.1.2) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunnelIndexV2  (1.3.6.1.4.1.25506.2.126.1.2.1.3) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunLocalIDTypeV2  (1.3.6.1.4.1.25506.2.126.1.2.1.4) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunLocalIDVal1V2  (1.3.6.1.4.1.25506.2.126.1.2.1.5) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunLocalIDVal2V2 (1.3.6.1.4.1.25506.2.126.1.2.1.6) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunRemoteIDTypeV2  (1.3.6.1.4.1.25506.2.126.1.2.1.7) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunRemoteIDVal1V2 (1.3.6.1.4.1.25506.2.126.1.2.1.8) | read-only | Current | As per MIB |
| hh3cIPsecTunIKETunRemoteIDVal2V2 (1.3.6.1.4.1.25506.2.126.1.2.1.9) | read-only | Current | As per MIB |
| hh3cIPsecTunLocalAddrTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.10) | read-only | Current | As per MIB |
| hh3cIPsecTunLocalAddrV2 (1.3.6.1.4.1.25506.2.126.1.2.1.11) | read-only | Current | As per MIB |
| hh3cIPsecTunRemoteAddrTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.12) | read-only | Current | As per MIB |
| hh3cIPsecTunRemoteAddrV2 (1.3.6.1.4.1.25506.2.126.1.2.1.13) | read-only | Current | As per MIB |
| hh3cIPsecTunKeyTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.14) | read-only | Current | As per MIB |
| hh3cIPsecTunEncapModeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.15) | read-only | Current | As per MIB |
| hh3cIPsecTunInitiatorV2 (1.3.6.1.4.1.25506.2.126.1.2.1.16) | read-only | Current | As per MIB |
| hh3cIPsecTunLifeSizeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.17) | read-only | Current | As per MIB |
| hh3cIPsecTunLifeTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.18) | read-only | Current | As per MIB |
| hh3cIPsecTunRemainTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.19) | read-only | Current | As per MIB |
| hh3cIPsecTunActiveTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.20) | read-only | Current | As per MIB |
| hh3cIPsecTunRemainSizeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.21) | read-only | Current | outbound sa remain traffic duration |
| hh3cIPsecTunTotalRefreshesV2 (1.3.6.1.4.1.25506.2.126.1.2.1.22) | read-only | Current | As per MIB |
| hh3cIPsecTunCurrentSaInstancesV2 (1.3.6.1.4.1.25506.2.126.1.2.1.23) | read-only | Current | As per MIB |
| hh3cIPsecTunInSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.24) | read-only | Current | As per MIB |
| hh3cIPsecTunInSaAhAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.25) | read-only | Current | As per MIB |
| hh3cIPsecTunInSaEspAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.26) | read-only | Current | As per MIB |
| hh3cIPsecTunDiffHellmanGrpV2 (1.3.6.1.4.1.25506.2.126.1.2.1.27) | read-only | Current | As per MIB |
| hh3cIPsecTunOutSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.28) | read-only | Current | As per MIB |
| hh3cIPsecTunOutSaAhAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.29) | read-only | Current | As per MIB |
| hh3cIPsecTunOutSaEspAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.30) | read-only | Current | As per MIB |
| hh3cIPsecTunPolicyNameV2 (1.3.6.1.4.1.25506.2.126.1.2.1.31) | read-only | Current | As per MIB |
| hh3cIPsecTunPolicyNumV2 (1.3.6.1.4.1.25506.2.126.1.2.1.32) | read-only | Current | As per MIB |
| hh3cIPsecTunStatusV2 (1.3.6.1.4.1.25506.2.126.1.2.1.33) | read-only | Current | As per MIB |

## hh3cIPsecTunnelStatV2Table

**OID: 1.3.6.1.4.1.25506.2.126.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecTunInOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.1) | read-only | Current | As per MIB |
| hh3cIPsecTunInDecompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.2) | read-only | Current | Not supported |
| hh3cIPsecTunInPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.3) | read-only | Current | As per MIB |
| hh3cIPsecTunInDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.4) | read-only | Current | As per MIB |
| hh3cIPsecTunInReplayDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.5) | read-only | Current | As per MIB |
| hh3cIPsecTunInAuthFailsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.6) | read-only | Current | As per MIB |
| hh3cIPsecTunInDecryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.7) | read-only | Current | As per MIB |
| hh3cIPsecTunOutOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.8) | read-only | Current | As per MIB |
| hh3cIPsecTunOutUncompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.9) | read-only | Current | Not supported |
| hh3cIPsecTunOutPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.10) | read-only | Current | As per MIB |
| hh3cIPsecTunOutDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.11) | read-only | Current | As per MIB |
| hh3cIPsecTunOutEncryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.12) | read-only | Current | As per MIB |
| hh3cIPsecTunNoMemoryDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.13) | read-only | Current | Not supported |
| hh3cIPsecTunQueueFullDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.14) | read-only | Current | Not supported |
| hh3cIPsecTunInvalidLenDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.15) | read-only | Current | As per MIB |
| hh3cIPsecTunTooLongDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.16) | read-only | Current | As per MIB |
| hh3cIPsecTunInvalidSaDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.17) | read-only | Current | As per MIB |

## hh3cIPsecSaV2Table

**OID: 1.3.6.1.4.1.25506.2.126.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecSaIndexV2 (1.3.6.1.4.1.25506.2.126.1.4.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cIPsecSaDirectionV2 (1.3.6.1.4.1.25506.2.126.1.4.1.2) | read-only | Current | As per MIB |
| hh3cIPsecSaSpiValueV2 (1.3.6.1.4.1.25506.2.126.1.4.1.3) | read-only | Current | As per MIB |
| hh3cIPsecSaProtocolV2 (1.3.6.1.4.1.25506.2.126.1.4.1.4) | read-only | Current | As per MIB |
| hh3cIPsecSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.4.1.5) | read-only | Current | As per MIB |
| hh3cIPsecSaAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.4.1.6) | read-only | Current | As per MIB |
| hh3cIPsecSaStatusV2 (1.3.6.1.4.1.25506.2.126.1.4.1.7) | read-only | Current | As per MIB |

## hh3cIPsecTrafficV2Table

**OID: 1.3.6.1.4.1.25506.2.126.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecTrafficLocalTypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.1) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalAddr1TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.2) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalAddr1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.3) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalAddr2TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.4) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalAddr2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.5) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalProtocol1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.6) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalProtocol2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.7) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalPort1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.8) | read-only | Current | As per MIB |
| hh3cIPsecTrafficLocalPort2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.9) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemoteTypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.10) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemAddr1TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.11) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemAddr1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.12) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemAddr2TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.13) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemAddr2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.14) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemoPro1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.15) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemoPro2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.16) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemPort1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.17) | read-only | Current | As per MIB |
| hh3cIPsecTrafficRemPort2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.18) | read-only | Current | As per MIB |

## hh3cIPsecGlobalStatsV2

**OID: 1.3.6.1.4.1.25506.2.126.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecGlobalActiveTunnelsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.1) | read-only | Current | As per MIB |
| hh3cIPsecGlobalActiveSasV2 (1.3.6.1.4.1.25506.2.126.1.6.1.2) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.3) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInDecompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.4) | read-only | Current | Not supported |
| hh3cIPsecGlobalInPktsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.5) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.6) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInReplayDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.7) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInAuthFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.8) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInDecryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.9) | read-only | Current | As per MIB |
| hh3cIPsecGlobalOutOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.10) | read-only | Current | As per MIB |
| hh3cIPsecGlobalOutUncompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.11) | read-only | Current | Not supported |
| hh3cIPsecGlobalOutPktsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.12) | read-only | Current | As per MIB |
| hh3cIPsecGlobalOutDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.13) | read-only | Current | As per MIB |
| hh3cIPsecGlobalOutEncryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.14) | read-only | Current | As per MIB |
| hh3cIPsecGlobalNoMemoryDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.15) | read-only | Current | Not supported |
| hh3cIPsecGlobalNoFindSaDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.16) | read-only | Current | As per MIB |
| hh3cIPsecGlobalQueueFullDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.17) | read-only | Current | Not supported |
| hh3cIPsecGlobalInvalidLenDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.18) | read-only | Current | As per MIB |
| hh3cIPsecGlobalTooLongDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.19) | read-only | Current | As per MIB |
| hh3cIPsecGlobalInvalidSaDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.20) | read-only | Current | Not supported |

## hh3cIPsecTrapObjectV2

**OID: 1.3.6.1.4.1.25506.2.126.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecPolicyNameV2 (1.3.6.1.4.1.25506.2.126.1.7.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cIPsecPolicySeqNumV2 (1.3.6.1.4.1.25506.2.126.1.7.1.2) | accessible-for-notify | Current | As per MIB |
| hh3cIPsecPolicySizeV2 (1.3.6.1.4.1.25506.2.126.1.7.1.3) | accessible-for-notify | Current | As per MIB |

## hh3cIPsecTrapCntlV2

**OID: 1.3.6.1.4.1.25506.2.126.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIPsecTrapGlobalCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.1) | read-write | Current | As per MIB |
| hh3cIPsecTunnelStartTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.2) | read-write | Current | As per MIB |
| hh3cIPsecTunnelStopTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.3) | read-write | Current | As per MIB |
| hh3cIPsecNoSaTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.4) | read-write | Current | As per MIB |
| hh3cIPsecAuthFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.5) | read-write | Current | As per MIB |
| hh3cIPsecEncryFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.6) | read-write | Current | As per MIB |
| hh3cIPsecDecryFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.7) | read-write | Current | As per MIB |
| hh3cIPsecInvalidSaTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.8) | read-write | Current | As per MIB |
| hh3cIPsecPolicyAddTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.9) | read-write | Current | As per MIB |
| hh3cIPsecPolicyDelTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.10) | read-write | Current | As per MIB |
| hh3cIPsecPolicyAttachTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.11) | read-write | Current | As per MIB |
| hh3cIPsecPolicyDetachTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.12) | read-write | Current | As per MIB |

# HH3C-IPV6-ADDRESS-MIB

## hh3cIpv6AddrSetTable

**OID: 1.3.6.1.4.1.25506.2.71.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpv6AddrSetIfIndex (1.3.6.1.4.1.25506.2.71.1.1.1.1.1) | not-accessible | Current | As per MIB |
| hh3cIpv6AddrSetAddrType (1.3.6.1.4.1.25506.2.71.1.1.1.1.2) | not-accessible | Current | Only support ipv6(2) |
| hh3cIpv6AddrSetAddr (1.3.6.1.4.1.25506.2.71.1.1.1.1.3) | not-accessible | Current | As per MIB |
| hh3cIpv6AddrSetPfxLength (1.3.6.1.4.1.25506.2.71.1.1.1.1.4) | read-create | Current | If the value of hh3cIpv6AddrSetSourceType is 'assignedGbIp' or 'assignedSLIp'.  If the value of hh3cIpv6AddrSetSourceType is 'assignedGbEUI64Ip' or 'assignedSLEUI64Ip', the length of the prefix must be set from 1 to 64. |
| hh3cIpv6AddrSetSourceType (1.3.6.1.4.1.25506.2.71.1.1.1.1.5) | read-create | Current | As per MIB |
| hh3cIpv6AddrSetRowStatus (1.3.6.1.4.1.25506.2.71.1.1.1.1.6) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) ,the value active(1) is only for reading. |

## hh3cIpv6AddrReadTable

**OID: 1.3.6.1.4.1.25506.2.71.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cIpv6AddrReadIfIndex (1.3.6.1.4.1.25506.2.71.1.1.2.1.1) | not-accessible | Current | As per MIB |
| hh3cIpv6AddrReadAddrType (1.3.6.1.4.1.25506.2.71.1.1.2.1.2) | not-accessible | Current | Only support ipv6(2) |
| hh3cIpv6AddrReadAddr (1.3.6.1.4.1.25506.2.71.1.1.2.1.3) | not-accessible | Current | As per MIB |
| hh3cIpv6AddrReadPfxLength (1.3.6.1.4.1.25506.2.71.1.1.2.1.4) | read-only | Current | As per MIB |
| hh3cIpv6AddrReadSourceType (1.3.6.1.4.1.25506.2.71.1.1.2.1.5) | read-only | Current | Only support assignedIp, assignedEUI64Ip, assignedautoIp and autoIp. |
| hh3cIpv6AddrReadCatalog (1.3.6.1.4.1.25506.2.71.1.1.2.1.6) | read-only | Current | As per MIB |

# HH3C-L2VPN-MIB

## hh3cL2vpnPwcTable

**OID: 1.3.6.1.4.1.25506.2.162.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnPwcName (1.3.6.1.4.1.25506.2.162.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cL2vpnPwcCvType (1.3.6.1.4.1.25506.2.162.2.1.1.2) | read-create | Current | Only support read operation. |
| hh3cL2vpnPwcCcType (1.3.6.1.4.1.25506.2.162.2.1.1.3) | read-create | Current | Only support read operation. |
| hh3cL2vpnPwcControlWord (1.3.6.1.4.1.25506.2.162.2.1.1.4) | read-create | Current | Only support read operation. |
| hh3cL2vpnPwcPwType (1.3.6.1.4.1.25506.2.162.2.1.1.5) | read-create | Current | Only support read operation. |
| hh3cL2vpnPwcRowStatus (1.3.6.1.4.1.25506.2.162.2.1.1.6) | read-create | Current | Only support read operation. |

## hh3cL2vpnXcgTable

**OID: 1.3.6.1.4.1.25506.2.162.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnXcgName (1.3.6.1.4.1.25506.2.162.3.1.1.1) | not-accessible | Current | As per MIB |
| hh3cL2vpnXcgAdminState (1.3.6.1.4.1.25506.2.162.3.1.1.2) | read-create | Current | Only support read operation. |
| hh3cL2vpnXcgRowStatus (1.3.6.1.4.1.25506.2.162.3.1.1.3) | read-create | Current | Only support read operation. |

## hh3cL2vpnXcgConnTable

**OID: 1.3.6.1.4.1.25506.2.162.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnXcgConnName (1.3.6.1.4.1.25506.2.162.3.2.1.1) | not-accessible | Current | As per MIB |
| hh3cL2vpnXcgConnRowStatus (1.3.6.1.4.1.25506.2.162.3.2.1.2) | read-create | Current | Only support read operation. |

## hh3cL2vpnXcgAcTable

**OID: 1.3.6.1.4.1.25506.2.162.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnXcgAcIfIndex (1.3.6.1.4.1.25506.2.162.3.3.1.1) | not-accessible | Current | As per MIB |
| hh3cL2vpnXcgAcEvcSrvInstId (1.3.6.1.4.1.25506.2.162.3.3.1.2) | not-accessible | Current | As per MIB. The value is always 0 when the interface isn't a layer 2 Ethernet interface. |
| hh3cL2vpnXcgAcAccessMode (1.3.6.1.4.1.25506.2.162.3.3.1.3) | read-create | Current | Only support read operation. The value is meaningless when the interface isn't a layer 2 Ethernet interface. |
| hh3cL2vpnXcgAcRowStatus (1.3.6.1.4.1.25506.2.162.3.3.1.4) | read-create | Current | Only support read operation. |

## hh3cL2vpnXcgPwTable

**OID: 1.3.6.1.4.1.25506.2.162.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnXcgPwIndex (1.3.6.1.4.1.25506.2.162.3.4.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cL2vpnXcgPwCfgType (1.3.6.1.4.1.25506.2.162.3.4.1.2) | read-create | Current | Only support read operation. |
| hh3cL2vpnXcgPwClassName (1.3.6.1.4.1.25506.2.162.3.4.1.3) | read-create | Current | Only support read operation. |
| hh3cL2vpnXcgPwTunnelPolicy (1.3.6.1.4.1.25506.2.162.3.4.1.4) | read-create | Current | Only support read operation. |
| hh3cL2vpnXcgPwPeerIp (1.3.6.1.4.1.25506.2.162.3.4.1.5) | accessible-for-notify | Current | As per MIB |
| hh3cL2vpnXcgPwPwID (1.3.6.1.4.1.25506.2.162.3.4.1.6) | accessible-for-notify | Current | As per MIB |
| hh3cL2vpnXcgPwRowStatus (1.3.6.1.4.1.25506.2.162.3.4.1.7) | read-create | Current | Only support read operation. |

## hh3cL2vpnLinkTable

**OID: 1.3.6.1.4.1.25506.2.162.2.2**

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cL2vpnLinkVsiIndex  (1.3.6.1.4.1.25506.2.162.2.2.1.1) | not-accessible | Current | As per MIB |
| hh3cL2vpnLinkLinkID  (1.3.6.1.4.1.25506.2.162.2.2.1.2) | not-accessible | Current | As per MIB |
| hh3cL2vpnLinkType  (1.3.6.1.4.1.25506.2.162.2.2.1.3) | read-only | Current | As per MIB |
| hh3cL2vpnLinkIfIndex  (1.3.6.1.4.1.25506.2.162.2.2.1.4) | read-only | Current | As per MIB |
| hh3cL2vpnLinkSrvID  (1.3.6.1.4.1.25506.2.162.2.2.1.5) | read-only | Current | As per MIB |
| hh3cL2vpnLinkTunnelID  (1.3.6.1.4.1.25506.2.162.2.2.1.6) | read-only | Current | As per MIB |

## hh3cL2vpnAcCfgTable

**OID: 1.3.6.1.4.1.25506.2.162.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnAcIfIndex  (1.3.6.1.4.1.25506.2.162.4.1.1.1) | not-accessible | No | As per MIB |
| hh3cL2vpnAcSrvId  (1.3.6.1.4.1.25506.2.162.4.1.1.2) | not-accessible | No | As per MIB |
| hh3cL2vpnAcIfName  (1.3.6.1.4.1.25506.2.162.4.1.1.3) | read-only | No | As per MIB |
| hh3cL2vpnAcVsiName  (1.3.6.1.4.1.25506.2.162.4.1.1.4) | read-only | No | As per MIB |
| hh3cL2vpnAcXcgName  (1.3.6.1.4.1.25506.2.162.4.1.1.5) | read-only | No | As per MIB |
| hh3cL2vpnAcXcgConnName  (1.3.6.1.4.1.25506.2.162.4.1.1.6) | read-only | No | As per MIB |
| hh3cL2vpnAcDot1qType  (1.3.6.1.4.1.25506.2.162.4.1.1.7) | read-only | No | As per MIB |
| hh3cL2vpnAcVLANID  (1.3.6.1.4.1.25506.2.162.4.1.1.8) | read-only | No | As per MIB |

## hh3cL2vpnPwCfgTable

**OID: 1.3.6.1.4.1.25506.2.162.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cL2vpnPwPeerIp  (1.3.6.1.4.1.25506.2.162.5.1.1.1) | not-accessible | No | As per MIB |
| hh3cL2vpnPwId  (1.3.6.1.4.1.25506.2.162.5.1.1.2) | not-accessible | No | As per MIB |
| hh3cL2vpnPwAcIfIndex  (1.3.6.1.4.1.25506.2.162.5.1.1.3) | read-only | No | As per MIB |
| hh3cL2vpnPwAcIfName  (1.3.6.1.4.1.25506.2.162.5.1.1.4) | read-only | No | As per MIB |
| hh3cL2vpnPwAcSrvId  (1.3.6.1.4.1.25506.2.162.5.1.1.5) | read-only | No | As per MIB |
| hh3cL2vpnPwVsiName  (1.3.6.1.4.1.25506.2.162.5.1.1.6) | read-only | No | As per MIB |
| hh3cL2vpnPwXcgName  (1.3.6.1.4.1.25506.2.162.5.1.1.7) | read-only | No | As per MIB |
| hh3cL2vpnPwXcgConnName  (1.3.6.1.4.1.25506.2.162.5.1.1.8) | read-only | No | As per MIB |
| hh3cL2vpnPwQosDirection  (1.3.6.1.4.1.25506.2.162.5.1.1.9) | read-only | No | As per MIB |
| hh3cL2vpnPwInboundQosCir  (1.3.6.1.4.1.25506.2.162.5.1.1.10) | read-only | No | As per MIB |
| hh3cL2vpnPwInboundQosCbs  (1.3.6.1.4.1.25506.2.162.5.1.1.11) | read-only | No | As per MIB |
| hh3cL2vpnPwInboundQosEbs  (1.3.6.1.4.1.25506.2.162.5.1.1.12) | read-only | No | As per MIB |
| hh3cL2vpnPwOutboundQosCir  (1.3.6.1.4.1.25506.2.162.5.1.1.13) | read-only | No | As per MIB |
| hh3cL2vpnPwOutboundQosCbs  (1.3.6.1.4.1.25506.2.162.5.1.1.14) | read-only | No | As per MIB |
| hh3cL2vpnPwOutboundQosEbs  (1.3.6.1.4.1.25506.2.162.5.1.1.15) | read-only | No | As per MIB |

# HH3C-LAG-MIB

The LAGG Management Information Base extension module for configuration and notification.

## Scalar objects

**OID: 1.3.6.1.4.1.25506.8.25.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAggResourceAllocationValue (1.3.6.1.4.1.25506.8.25.1.3) | read-only | No | As per MIB |

## hh3cAggLinkTable

**OID: 1.3.6.1.4.1.25506.8.25.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1) | not-accessible | No | As per MIB |
| hh3cAggLinkName (1.3.6.1.4.1.25506.8.25.1.1.1.2) | read-create | Current | Not supported |
| hh3cAggLinkMode (1.3.6.1.4.1.25506.8.25.1.1.1.3) | read-create | Current | Range from 2 to 3.  2(static): Membership specified by user, LACP is not enabled.  3(dynamic): Membership specified by user, LACP is enabled |
| hh3cAggLinkPortList (1.3.6.1.4.1.25506.8.25.1.1.1.4) | read-create | Current | Port member list of the AL |
| hh3cAggLinkState (1.3.6.1.4.1.25506.8.25.1.1.1.5) | read-create | Current | 1 is returned in read operation |
| hh3cAggPortListSelectedPorts (1.3.6.1.4.1.25506.8.25.1.1.1.6) | read-only | No | As per MIB |
| hh3cAggPortListSamePartnerPorts (1.3.6.1.4.1.25506.8.25.1.1.1.7) | read-only | No | As per MIB |

## hh3cAggPortTable

**OID: 1.3.6.1.4.1.25506.8.25.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAggPortIndex (1.3.6.1.4.1.25506.8.25.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cAggPortNotAttachedReason (1.3.6.1.4.1.25506.8.25.1.2.1.2) | read-write | Current | Only support read operation |
| hh3cAggPortLacpState (1.3.6.1.4.1.25506.8.25.1.2.1.3) | read-write | Current | Only support read operation |
| hh3cAggPortNotAttachedString (1.3.6.1.4.1.25506.8.25.1.2.1.4) | read-write | Current | Only support read operation |

# HH3C-LICENSE-MIB

The HH3C-LICENSE-MIB is used to manage license, including license key, activation key and activation file.

## ScalarObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicenseNotifyEnable (1.3.6.1.4.1.25506.2.145.1.1) | read-write | No | As per MIB |
| hh3cLicenseOpEntryMaxNum (1.3.6.1.4.1.25506.2.145.1.2) | read-write | No | As per MIB |
| hh3cLicenseNextFreeOpIndex(1.3.6.1.4.1.25506.2.145.1.3) | read-only | No | As per MIB |

## hh3cLicenseDevInfoTable

**OID: 1.3.6.1.4.1.25506.2.145.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicensePhysicalIndex (1.3.6.1.4.1.25506.2.145.2.1.1.1) | accessible-for-notify | Yes | As per MIB |
| hh3cLicenseSN (1.3.6.1.4.1.25506.2.145.2.1.1.2) | read-only | Yes | As per MIB |
| hh3cLicenseDeviceIDType (1.3.6.1.4.1.25506.2.145.2.1.1.3) | read-only | Yes | As per MIB |
| hh3cLicenseDeviceID (1.3.6.1.4.1.25506.2.145.2.1.1.4) | read-only | Yes | As per MIB |
| hh3cLicenseHardwareInfo (1.3.6.1.4.1.25506.2.145.2.1.1.5) | read-only | Yes | As per MIB |
| hh3cLicenseMaxNum (1.3.6.1.4.1.25506.2.145.2.1.1.6) | read-only | Yes | As per MIB |
| hh3cLicenseUsedNum (1.3.6.1.4.1.25506.2.145.2.1.1.7) | read-only | Yes | As per MIB |
| hh3cLicenseRecyclableNum (1.3.6.1.4.1.25506.2.145.2.1.1.8) | read-only | Yes | As per MIB |
| hh3cLicenseInstallType (1.3.6.1.4.1.25506.2.145.2.1.1.9) | read-only | Yes | As per MIB |
| hh3cLicenseFileStoragePath (1.3.6.1.4.1.25506.2.145.2.1.1.10) | read-only | Yes | As per MIB |

## hh3cLicenseGeneralTable

**OID: 1.3.6.1.4.1.25506.2.145.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicenseIndex (1.3.6.1.4.1.25506.2.145.2.2.1.1) | accessible-for-notify | Yes | As per MIB |
| hh3cLicenseFeature (1.3.6.1.4.1.25506.2.145.2.2.1.2) | read-only | Yes | As per MIB |
| hh3cLicenseProductDescr (1.3.6.1.4.1.25506.2.145.2.2.1.3) | read-only | Yes | As per MIB |
| hh3cLicenseFileDescr (1.3.6.1.4.1.25506.2.145.2.2.1.4) | read-only | Yes | As per MIB |
| hh3cLicenseState (1.3.6.1.4.1.25506.2.145.2.2.1.5) | read-only | Yes | As per MIB |
| hh3cLicenseActivationFile (1.3.6.1.4.1.25506.2.145.2.2.1.6) | read-only | Yes | As per MIB |
| hh3cLicenseActivationKey (1.3.6.1.4.1.25506.2.145.2.2.1.7) | read-only | Yes | As per MIB |
| hh3cLicenseLicenseKey (1.3.6.1.4.1.25506.2.145.2.2.1.8) | read-only | Yes | As per MIB |
| hh3cLicenseUninstActivationFile (1.3.6.1.4.1.25506.2.145.2.2.1.9) | read-only | Yes | As per MIB |
| hh3cLicenseUninstActivationKey (1.3.6.1.4.1.25506.2.145.2.2.1.10) | read-only | Yes | As per MIB |
| hh3cLicenseType (1.3.6.1.4.1.25506.2.145.2.2.1.11) | read-only | Yes | As per MIB |
| hh3cLicenseInstalledTime (1.3.6.1.4.1.25506.2.145.2.2.1.12) | read-only | Yes | As per MIB |
| hh3cLicenseUninstalledTime (1.3.6.1.4.1.25506.2.145.2.2.1.13) | read-only | Yes | As per MIB |
| hh3cLicenseDaysLeft (1.3.6.1.4.1.25506.2.145.2.2.1.14) | read-only | Yes | As per MIB |
| hh3cLicenseValidityStart (1.3.6.1.4.1.25506.2.145.2.2.1.15) | read-only | Yes | As per MIB |
| hh3cLicenseValidityEnd (1.3.6.1.4.1.25506.2.145.2.2.1.16) | read-only | Yes | As per MIB |
| hh3cLicenseExpiredDays (1.3.6.1.4.1.25506.2.145.2.2.1.17) | read-only | Yes | As per MIB |
| hh3cLicenseCount (1.3.6.1.4.1.25506.2.145.2.2.1.18) | read-only | Yes | As per MIB |

## hh3cLicenseFeatureTable

**OID: 1.3.6.1.4.1.25506.2.145.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicenseFeatureName (1.3.6.1.4.1.25506.2.145.2.3.1.1) | read-only | Yes | As per MIB |
| hh3cLicenseFeatureState (1.3.6.1.4.1.25506.2.145.2.3.1.2) | read-only | Yes | As per MIB |

## hh3cLicenseOpTable

**OID: 1.3.6.1.4.1.25506.2.145.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicenseOpIndex (1.3.6.1.4.1.25506.2.145.2.4.1.1) | accessible-for-notify | No | As per MIB |
| hh3cLicenseOpPhysicalIndex (1.3.6.1.4.1.25506.2.145.2.4.1.2) | read-create | No | As per MIB |
| hh3cLicenseOpType (1.3.6.1.4.1.25506.2.145.2.4.1.3) | read-create | No | As per MIB |
| hh3cLicenseOpString (1.3.6.1.4.1.25506.2.145.2.4.1.4) | read-create | No | As per MIB |
| hh3cLicenseOpNotifyEnable (1.3.6.1.4.1.25506.2.145.2.4.1.5) | read-create | No | As per MIB |
| hh3cLicenseOpRowStatus (1.3.6.1.4.1.25506.2.145.2.4.1.6) | read-create | No | As per MIB |
| hh3cLicenseOpState (1.3.6.1.4.1.25506.2.145.2.4.1.7) | read-only | No | As per MIB |
| hh3cLicenseOpFailedReason (1.3.6.1.4.1.25506.2.145.2.4.1.8) | read-only | No | As per MIB |
| hh3cLicenseOpEndTime (1.3.6.1.4.1.25506.2.145.2.4.1.9) | read-only | No | As per MIB |

## hh3cLicenseNotificationBindings

**OID: 1.3.6.1.4.1.25506.2.145.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLicenseBindValidityPeriodRemaining (1.3.6.1.4.1.25506.2.145.3.1.1) | accessible-for-notify | No | As per MIB |

# HH3C-LPBKDT-MIB

## Scalar objects

**OID: 1.3.6.1.4.1.25506.2.95.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLpbkdtVlanID (1.3.6.1.4.1.25506.2.95.2.1) | accessible-for-notify | current | Not supported |
| hh3cLpbkdtVlanEnable (1.3.6.1.4.1.25506.2.95.2.2) | read-write | Current | Not supported |
| hh3cLpbkdtAction (1.3.6.1.4.1.25506.2.95.2.3) | read-write | Current | Not supported |
| hh3cLpbkdtIntervalTime (1.3.6.1.4.1.25506.2.95.2.4) | read-write | Current | Not supported |

## hh3cLpbkdtPortTable

**OID: 1.3.6.1.4.1.25506.2.95.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLpbkdtPortIfIndex (1.3.6.1.4.1.25506.2.95.2.5.1.1) | not-accessible | No | Not supported |
| hh3cLpbkdtPortVlanEnable (1.3.6.1.4.1.25506.2.95.2.5.1.2) | read-write | Current | Not supported |
| hh3cLpbkdtPortAction (1.3.6.1.4.1.25506.2.95.2.5.1.3) | read-write | Current | Not supported |
| hh3cLpbkdtPortLoopbacked (1.3.6.1.4.1.25506.2.95.2.5.1.4) | read-only | No | Not supported |

# HH3C-LSW-DEV-ADM-MIB

## hh3cLswSystemPara group

**OID: 1.3.6.1.4.1.25506.8.35.18.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLswSysIpAddr (1.3.6.1.4.1.25506.8.35.18.1.1) | read-only | No | As per MIB |
| hh3cLswSysIpMask (1.3.6.1.4.1.25506.8.35.18.1.2) | read-only | No | As per MIB |
| hh3cLswSysCpuRatio (1.3.6.1.4.1.25506.8.35.18.1.3) | read-only | No | As per MIB |
| hh3cLswSysVersion (1.3.6.1.4.1.25506.8.35.18.1.4) | read-only | No | As per MIB |
| hh3cLswSysTime (1.3.6.1.4.1.25506.8.35.18.1.5) | read-write | No | Not support write operation in MDC. |
| hh3cLswSysUNMCastDropEnable (1.3.6.1.4.1.25506.8.35.18.1.6) | read-write | Current | Not supported |
| hh3cLswSysManagementVlan (1.3.6.1.4.1.25506.8.35.18.1.7) | read-write | No | Not supported |
| hh3cLswSysVlanRange (1.3.6.1.4.1.25506.8.35.18.1.8) | read-write | No | Not supported |
| hh3cLswSysManagementIpAddr (1.3.6.1.4.1.25506.8.35.18.1.9) | read-write | No | Not supported |
| hh3cLswSysManagementIpMask (1.3.6.1.4.1.25506.8.35.18.1.10) | read-write | No | Not supported |
| hh3cMacAddressCountPort  (1.3.6.1.4.1.25506.8.35.18.1.11) | read-only | No | Not supported |
| hh3cMacAddressCountMachine (1.3.6.1.4.1.25506.8.35.18.1.12) | read-only | No | Not supported |
| hh3cLswSysPhyMemory (1.3.6.1.4.1.25506.8.35.18.1.13) | read-only | No | As per MIB |
| hh3cLswSysMemory (1.3.6.1.4.1.25506.8.35.18.1.14) | read-only | No | As per MIB |
| hh3cLswSysMemoryUsed (1.3.6.1.4.1.25506.8.35.18.1.15) | read-only | No | As per MIB |
| hh3cLswSysMemoryRatio (1.3.6.1.4.1.25506.8.35.18.1.16) | read-only | No | As per MIB |
| hh3cLswSysTemperature (1.3.6.1.4.1.25506.8.35.18.1.17) | read-only | No | Not supported |
| hh3cLswSysPhyMemRev  (1.3.6.1.4.1.25506.8.35.18.1.18) | read-only | No | As per MIB |
| hh3cLswSysMemRev  (1.3.6.1.4.1.25506.8.35.18.1.19) | read-only | No | As per MIB |
| hh3cLswSysMemUsedRev  (1.3.6.1.4.1.25506.8.35.18.1.20) | read-only | No | As per MIB |

## hh3cLswFrameTable

**OID: 1.3.6.1.4.1.25506.8.35.18.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1) | read-only | No | As per MIB |
| hh3cLswFrameType (1.3.6.1.4.1.25506.8.35.18.4.2.1.2) | read-only | No | As per MIB |
| hh3cLswFrameDesc (1.3.6.1.4.1.25506.8.35.18.4.2.1.3) | read-write | No | Not support write operation in MDC. |
| hh3cLswSlotNumber (1.3.6.1.4.1.25506.8.35.18.4.2.1.4) | read-only | No | As per MIB |
| hh3cLswFrameAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.2.1.5) | read-only | No | As per MIB |

## hh3cLswSlotTable

**OID: 1.3.6.1.4.1.25506.8.35.18.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1) | read-only | No | As per MIB |
| hh3cLswSlotType (1.3.6.1.4.1.25506.8.35.18.4.3.1.2) | read-only | No | Not supported |
| hh3cLswSlotDesc (1.3.6.1.4.1.25506.8.35.18.4.3.1.3) | read-write | No | Not support write operation in MDC. |
| hh3cLswSlotCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.4) | read-only | No | As per MIB |
| hh3cLswSlotPcbVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.5) | read-only | No | As per MIB |
| hh3cLswSlotSoftwareVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.6) | read-only | No | As per MIB |
| hh3cLswSubslotNumber (1.3.6.1.4.1.25506.8.35.18.4.3.1.7) | read-only | No | As per MIB |
| hh3cLswSlotAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.8) | read-only | No | As per MIB |
| hh3cLswSlotOperStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.9) | read-write | No | support read operation,and only support to write “reset”.  Not support write operation in MDC. |
| hh3cLswSlotPhyMemory (1.3.6.1.4.1.25506.8.5.18.4.3.1.10) | read-only | No | As per MIB |
| hh3cLswSlotMemory (1.3.6.1.4.1.25506.8.35.18.4.3.1.11) | read-only | No | As per MIB |
| hh3cLswSlotMemoryUsed (1.3.6.1.4.1.25506.8.35.18.4.3.1.12) | read-only | No | As per MIB |
| hh3cLswSlotMemoryRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.13) | read-only | No | As per MIB |
| hh3cLswSlotTemperature (1.3.6.1.4.1.25506.8.35.18.4.3.1.14) | read-only | No | Not supported. |
| hh3cLswSlotPktBufFree  (1.3.6.1.4.1.25506.8.35.18.4.3.1.15) | read-only | No | Not supported |
| hh3cLswSlotPktBufInit  (1.3.6.1.4.1.25506.8.35.18.4.3.1.16) | read-only | No | Not supported |
| hh3cLswSlotPktBufMin  (1.3.6.1.4.1.25506.8.35.18.4.3.1.17) | read-only | No | Not supported |
| hh3cLswSlotPktBufMiss  (1.3.6.1.4.1.25506.8.35.18.4.3.1.18) | read-only | No | Not supported |
| hh3cLswSlotRunTime (1.3.6.1.4.1.25506.8.35.18.4.3.1.19) | read-only | No | As per MIB |
| hh3cLswSlotPhyMemRev  (1.3.6.1.4.1.25506.8.35.18.4.3.1.20) | read-only | No | As per MIB |
| hh3cLswSlotMemRev  (1.3.6.1.4.1.25506.8.35.18.4.3.1.21) | read-only | No | As per MIB |
| hh3cLswSlotMemUsedRev  (1.3.6.1.4.1.25506.8.35.18.4.3.1.22) | read-only | No | As per MIB |
| hh3cLswSlotModelDesc  (1.3.6.1.4.1.25506.8.35.18.4.3.1.23) | read-only | No | As per MIB |

## hh3cLswSubslotTable

**OID: 1.3.6.1.4.1.25506.8.35.18.4.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1) | read-only | No | As per MIB |
| hh3cLswSubslotType (1.3.6.1.4.1.25506.8.35.18.4.4.1.2) | read-only | No | As per MIB |
| hh3cLswSubslotPortNum (1.3.6.1.4.1.25506.8.35.18.4.4.1.3) | read-only | No | As per MIB |
| hh3cLswSubslotAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.4.1.4) | read-only | No | As per MIB |
| hh3cLswSubslotFirstIfIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.5) | read-only | No | Only support ethernet port. |

## hh3cLswFabricTable

Not supported.

## hh3cLswCpuTable

**OID: 1.3.6.1.4.1.25506.8.35.18.4.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cLswCpuIndex (1.3.6.1.4.1.25506.8.35.18.4.10.1.1) | not-accessible | No | As per MIB |
| hh3cLswCpuEntityIndex (1.3.6.1.4.1.25506.8.35.18.4.10.1.2) | read-only | No | As per MIB |
| hh3cLswCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.10.1.3) | read-only | No | As per MIB |
| hh3cLswCpuSoftwareVersion (1.3.6.1.4.1.25506.8.35.18.4.10.1.4) | read-only | No | As per MIB |
| hh3cLswCpuAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.10.1.5) | read-only | No | As per MIB |
| hh3cLswCpuOperStatus (1.3.6.1.4.1.25506.8.35.18.4.10.1.6) | read-write | No | Support read operation,and only main CPU support to write “reset”.  Not support write operation in MDC. |
| hh3cLswCpuPhyMemory (1.3.6.1.4.1.25506.8.35.18.4.10.1.7) | read-only | No | Not supported. |
| hh3cLswCpuMemory (1.3.6.1.4.1.25506.8.35.18.4.10.1.8) | read-only | No | As per MIB |
| hh3cLswCpuMemoryUsed (1.3.6.1.4.1.25506.8.35.18.4.10.1.9) | read-only | No | As per MIB |
| hh3cLswCpuMemoryRatio (1.3.6.1.4.1.25506.8.35.18.4.10.1.10) | read-only | No | As per MIB |

## hh3cLswPowerTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswPowerIndex (1.3.6.1.4.1.25506.8.35.18.4.11.1.1) | read-only | No | Not supported. |
| hh3cLswPowerSerialNumber (1.3.6.1.4.1.25506.8.35.18.4.11.1.2) | read-only | No | Not supported. |

## hh3cLswFanTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.12

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswFanIndex (1.3.6.1.4.1.25506.8.35.18.4.12.1.1) | read-only | No | Not supported. |
| hh3cLswFanSerialNumber (1.3.6.1.4.1.25506.8.35.18.4.12.1.2) | read-only | No | Not supported. |

## hh3cLswTransceiverTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.13

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswTransceiverIndex (1.3.6.1.4.1.25506.8.35.18.4.13.1.1) | read-only | No | Not supported. |
| hh3cLswTransceiverSerialNumber (1.3.6.1.4.1.25506.8.35.18.4.13.1.2) | read-only | No | Not supported. |

## hh3cLswCpuGroupTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.14

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswCpuGroupIndex (1.3.6.1.4.1.25506.8.35.18.4.14.1.1) | read-only | No | As per MIB |
| hh3cLswCpuGroupName (1.3.6.1.4.1.25506.8.35.18.4.14.1.2) | read-only | No | As per MIB |
| hh3cLswCurrentCpuUsage  (1.3.6.1.4.1.25506.8.35.18.4.14.1.3) | read-only | No | As per MIB |
| hh3cLswLast1mCpuUsage  (1.3.6.1.4.1.25506.8.35.18.4.14.1.4) | read-only | No | As per MIB |
| hh3cLswLast5mCpuUsage  (1.3.6.1.4.1.25506.8.35.18.4.14.1.5) | read-only | No | As per MIB |

## hh3cLswCoreTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.15

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswCoreIndex  (1.3.6.1.4.1.25506.8.35.18.4.15.1.1) | read-only | No | As per MIB |
| hh3cLswCoreUsageInLast5Sec  (1.3.6.1.4.1.25506.8.35.18.4.15.1.2) | read-only | No | As per MIB |
| hh3cLswCoreUsageInLast1Min  (1.3.6.1.4.1.25506.8.35.18.4.15.1.3) | read-only | No | As per MIB |
| hh3cLswCoreUsageInLast5Min  (1.3.6.1.4.1.25506.8.35.18.4.15.1.4) | read-only | No | As per MIB |
| hh3cLswCoreThreshold  (1.3.6.1.4.1.25506.8.35.18.4.15.1.5) | read-write | No | As per MIB |
| hh3cLswCoreState  (1.3.6.1.4.1.25506.8.35.18.4.15.1.6) | read-only | No | As per MIB |

# HH3C-LswINF-MIB

## hh3cifXXTable

**OID: 1.3.6.1.4.1.25506.8.35.1.1**

This table is only supported by interfaces working at bridge mode.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifUnBoundPort (1.3.6.1.4.1.25506.8.35.1.1.1.1) | read-only | No | Not supported |
| hh3cifISPhyPort (1.3.6.1.4.1.25506.8.35.1.1.1.2) | read-only | No | Not supported |
| hh3cifAggregatePort (1.3.6.1.4.1.25506.8.35.1.1.1.3) | read-only | No | Not supported |
| hh3cifMirrorPort (1.3.6.1.4.1.25506.8.35.1.1.1.4) | read-write | Current | Not supported,  The value is always false for read operation. |
| hh3cifVLANType (1.3.6.1.4.1.25506.8.35.1.1.1.5) | read-write | Current | The value fabric(4) is not supported |
| hh3cifMcastControl (1.3.6.1.4.1.25506.8.35.1.1.1.6) | read-write | Current | As per MIB |
| hh3cifFlowControl (1.3.6.1.4.1.25506.8.35.1.1.1.7) | read-write | Current | As per MIB |
| hh3cifSrcMacControl (1.3.6.1.4.1.25506.8.35.1.1.1.8) | read-only | No | Not supported |
| hh3cifClearStat (1.3.6.1.4.1.25506.8.35.1.1.1.9) | read-write | No | Only support write operation |
| hh3cifXXBasePortIndex (1.3.6.1.4.1.25506.8.35.1.1.1.10) | read-only | No | As per MIB |
| hh3cifXXDevPortIndex (1.3.6.1.4.1.25506.8.35.1.1.1.11) | read-only | No | As per MIB |
| hh3cifPpsMcastControl (1.3.6.1.4.1.25506.8.35.1.1.1.12) | read-write | Current | As per MIB |
| hh3cifPpsBcastDisValControl (1.3.6.1.4.1.25506.8.35.1.1.1.13) | read-write | Current | Not supported |
| hh3cifUniSuppressionStep (1.3.6.1.4.1.25506.8.35.1.1.1.14) | read-only | No | Not supported |
| hh3cifPpsUniSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.15) | read-only | No | Not supported |
| hh3cifMulSuppressionStep  (1.3.6.1.4.1.25506.8.35.1.1.1.16) | read-only | No | Not supported |
| hh3cifPpsMulSuppressionMax  (1.3.6.1.4.1.25506.8.35.1.1.1.17) | read-only | No | Not supported |
| hh3cifUniSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.18) | read-write | Current | As per MIB |
| hh3cifPpsUniSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.19) | read-write | Current | As per MIB |
| hh3cifMulSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.20) | read-write | Current | As per MIB |
| hh3cifPpsMulSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.21) | read-write | Current | As per MIB |
| hh3cifComboActivePort (1.3.6.1.4.1.25506.8.35.1.1.1.22) | read-write | No | Not supported |
| hh3cifBMbpsMulSuppressionMax  (1.3.6.1.4.1.25506.8.35.1.1.1.23) | read-only | No | Not supported |
| hh3cifBMbpsMulSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.24) | read-only | No | Not supported |
| hh3cifBKbpsMulSuppressionMax  (1.3.6.1.4.1.25506.8.35.1.1.1.25) | read-only | No | Not supported |
| hh3cifBKbpsMulSuppressionStep  (1.3.6.1.4.1.25506.8.35.1.1.1.26) | read-only | No | Not supported |
| hh3cifBKbpsMulSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.27) | read-only | No | Not supported |
| hh3cifUnknownPacketDropMul  (1.3.6.1.4.1.25506.8.35.1.1.1.28) | read-only | No | Not supported |
| hh3cifUnknownPacketDropUni  (1.3.6.1.4.1.25506.8.35.1.1.1.29) | read-write | Current | Not supported |
| hh3cifBMbpsUniSuppressionMax  (1.3.6.1.4.1.25506.8.35.1.1.1.30) | read-only | No | Not supported |
| hh3cifBMbpsUniSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.31) | read-write | Current | Not supported |
| hh3cifBKbpsUniSuppressionMax  (1.3.6.1.4.1.25506.8.35.1.1.1.32) | read-only | No | Not supported |
| hh3cifBKbpsUniSuppressionStep  (1.3.6.1.4.1.25506.8.35.1.1.1.33) | read-only | No | Not supported |
| hh3cifBKbpsUniSuppression  (1.3.6.1.4.1.25506.8.35.1.1.1.34) | read-write | Current | Not supported |
| hh3cifOutPayloadOctets (1.3.6.1.4.1.25506.8.35.1.1.1.35) | read-only | No | Not supported |
| hh3cifInPayloadOctets (1.3.6.1.4.1.25506.8.35.1.1.1.36) | read-only | No | Not supported |
| hh3cifInErrorPktsRate (1.3.6.1.4.1.25506.8.35.1.1.1.37) | read-only | No | Not supported |
| hh3cifInPkts (1.3.6.1.4.1.25506.8.35.1.1.1.38) | read-only | No | Not supported |
| hh3cifInNormalPkts (1.3.6.1.4.1.25506.8.35.1.1.1.39) | read-only | No | Not supported |
| hh3cifOutPkts (1.3.6.1.4.1.25506.8.35.1.1.1.40) | read-only | No | Not supported |

## hh3cifAggregateTable

Not supported.

## hh3cifHybridPortTable

**OID: 1.3.6.1.4.1.25506.8.35.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifHybridPortIndex (1.3.6.1.4.1.25506.8.35.1.3.1.1) | read-only | No | As per MIB |
| hh3cifHybridTaggedVlanListLow (1.3.6.1.4.1.25506.8.35.1.3.1.2) | read-write | Current | As per MIB |
| hh3cifHybridTaggedVlanListHigh (1.3.6.1.4.1.25506.8.35.1.3.1.3) | read-write | Current | As per MIB |
| hh3cifHybridUnTaggedVlanListLow (1.3.6.1.4.1.25506.8.35.1.3.1.4) | read-write | Current | As per MIB |
| hh3cifHybridUnTaggedVlanListHigh (1.3.6.1.4.1.25506.8.35.1.3.1.5) | read-write | Current | As per MIB |

The values of below objects must be appointed at the same time when SET operation:

hh3cifHybridTaggedVlanListLow,

hh3cifHybridTaggedVlanListHigh,

hh3cifHybridUnTaggedVlanListLow,

hh3cifHybridUnTaggedVlanListHigh

## hh3cifComboPortTable

**OID: 1.3.6.1.4.1.25506.8.35.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifComboPortIndex (1.3.6.1.4.1.25506.8.35.1.4.1.1) | read-only | Yes | As per MIB |
| hh3cifComboPortCurActive (1.3.6.1.4.1.25506.8.35.1.4.1.2) | read-write | Current | As per MIB |

## hh3cifPktBufTable

**OID: 1.3.6.1.4.1.25506.8.35.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifPktBufFree (1.3.6.1.4.1.25506.8.35.1.5.1.1) | read-only | No | Not supported |
| hh3cifPktBufInit (1.3.6.1.4.1.25506.8.35.1.5.1.2) | read-only | No | Not supported |
| hh3cifPktBufMin (1.3.6.1.4.1.25506.8.35.1.5.1.3) | read-only | No | Not supported |
| hh3cifPktBufMiss (1.3.6.1.4.1.25506.8.35.1.5.1.4) | read-only | No | Not supported |

## Scalar objects of hh3cLswL2InfMibObject

**OID: 1.3.6.1.4.1.25506.8.35.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSlotPortMax (1.3.6.1.4.1.25506.8.35.5.1.1) | read-only | No | As per MIB |
| hh3cSwitchPortMax (1.3.6.1.4.1.25506.8.35.5.1.2) | read-only | No | As per MIB |
| hh3cIsolateGroupMax (1.3.6.1.4.1.25506.8.35.5.1.5) | read-only | No | As per MIB |
| hh3cGlobalBroadcastMaxPps (1.3.6.1.4.1.25506.8.35.5.1.6) | read-write | Current | Not supported |
| hh3cGlobalBroadcastMaxRatio (1.3.6.1.4.1.25506.8.35.5.1.7) | read-write | Current | Not supported |
| hh3cBpduTunnelStatus (1.3.6.1.4.1.25506.8.35.5.1.8) | read-write | Current | Not supported |
| hh3cVlanVPNTPIDMode (1.3.6.1.4.1.25506.8.35.5.1.9) | read-only | No | Not supported |
| hh3cVlanVPNTPID (1.3.6.1.4.1.25506.8.35.5.1.10) | read-write | Current | Not supported |
| hh3cMaxMacLearnRange (1.3.6.1.4.1.25506.8.35.5.1.12) | read-only | Current | For MSR 2630, the value is 2048.  For MSR3600si,the value is 8192  For others, the value is 16384. |

## hh3cifVLANTrunkStatusTable

**OID: 1.3.6.1.4.1.25506.8.35.5.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifVLANTrunkIndex (1.3.6.1.4.1.25506.8.35.5.1.3.1.1) | read-only | No | As per MIB |
| hh3cifVLANTrunkGvrpRegistration (1.3.6.1.4.1.25506.8.35.5.1.3.1.2) | read-write | Current | Not supported |
| hh3cifVLANTrunkPassListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.4) | read-only | No | As per MIB |
| hh3cifVLANTrunkPassListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.5) | read-only | No | As per MIB |
| hh3cifVLANTrunkAllowListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.6) | read-write | Current | The value of this object must be appointed with hh3cifVLANTrunkAllowListHigh at the same time when SET operation. |
| hh3cifVLANTrunkAllowListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.7) | read-write | Current | The value of this object must be appointed with hh3cifVLANTrunkAllowListLow at the same time when SET operation. |

## hh3cethernetTable of hh3cLswL2InfMibObject

**OID: 1.3.6.1.4.1.25506.8.35.5.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifEthernetDuplex (1.3.6.1.4.1.25506.8.35.5.1.4.1.3) | read-write | Current | Only full and auto can be written to interface with fiber-optic connector or whose speed is above 1000.  Write is not supported by Forty-GigabitEthernet and Hundred- GigabitEthernet interface. |
| hh3cifEthernetMTU (1.3.6.1.4.1.25506.8.35.5.1.4.1.4) | read-write | Current | The value is range from 1518 to 9018  Only interface that works at bridge mode and support setting jumbo frame from command line support write operation.  For set operation, value 1 mean enable function(equal to set max value), value 2 mean undo enable function(equal to set min value). |
| hh3cifEthernetSpeed (1.3.6.1.4.1.25506.8.35.5.1.4.1.5) | read-write | Current | s1000 and above can not be written to Ethernet interface.  s10000 and above can not be written to GigabitEthenet interface with twisted-pair connector.  Only s1000 and below can be written to GigabitEthernet interface with fiber-optic connector.  Write is not supported by Forty-GigabitEthernet and Hundred-GigabitEthernet interface. |
| hh3cifEthernetMdi (1.3.6.1.4.1.25506.8.35.5.1.4.1.7) | read-write | Current | Wirte is not supported by Ten-GigabitEthernet ,Forty-GigabitEthernet , Hundred-GigabitEthernet interface and GigabitEthernet interface with fiber-optic connector. |
| hh3cMaxMacLearn (1.3.6.1.4.1.25506.8.35.5.1.4.1.8) | read-write | Current | The maximum number of MAC addresses that the port can learn must be no more than the number of MAC addresses that the port supports to learn. Confirm whether a bridge-aggregation port supports the set value with the corresponding product. |
| hh3cifMacAddressLearn (1.3.6.1.4.1.25506.8.35.5.1.4.1.9) | read-only | No | As per MIB |
| hh3cifEthernetTest (1.3.6.1.4.1.25506.8.35.5.1.4.1.10) | read-write | No | Not supported |
| hh3cifMacAddrLearnMode (1.3.6.1.4.1.25506.8.35.5.1.4.1.11) | read-only | No | Not supported |
| hh3cifEthernetFlowInterval (1.3.6.1.4.1.25506.8.35.5.1.4.1.12) | read-write | Current | Only support read. |
| hh3cifEthernetIsolate (1.3.6.1.4.1.25506.8.35.5.1.4.1.13) | read-write | No | Not supported |
| hh3cifVlanVPNStatus (1.3.6.1.4.1.25506.8.35.5.1.4.1.14) | read-write | No | Not supported |
| hh3cifVlanVPNUplinkStatus(1.3.6.1.4.1.25506.8.35.5.1.4.1.15) | read-write | No | Not supported |
| hh3cifVlanVPNTPID(1.3.6.1.4.1.25506.8.35.5.1.4.1.16) | read-write | No | Not supported |
| hh3cifIsolateGroupID (1.3.6.1.4.1.25506.8.35.5.1.4.1.17) | read-write | Current | 0 means this interface does not belong to any isolate group |
| hh3cifisUplinkPort (1.3.6.1.4.1.25506.8.35.5.1.4.1.18) | read-only | Current | Not supported |
| hh3cifEthernetAutoSpeedMask (1.3.6.1.4.1.25506.8.35.5.1.4.1.19) | read-only | Current | As per MIB |
| hh3cifEthernetAutoSpeed (1.3.6.1.4.1.25506.8.35.5.1.4.1.20) | read-only | Current | As per MIB |

## hh3cPortIsolateGroupTable

**OID: 1.3.6.1.4.1.25506.8.35.5.1.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPortIsolateGroupIndex (1.3.6.1.4.1.25506.8.35.5.1.11.1.1) | not-accessible | Current | As per MIB |
| hh3cPortIsolateUplinkIfIndex (1.3.6.1.4.1.25506.8.35.5.1.11.1.2) | read-create | Current | Not supported |
| hh3cPortIsolateGroupRowStatus (1.3.6.1.4.1.25506.8.35.5.1.11.1.3) | read-create | Current | Support createAndGo, destroy and active. When the value is active, the port isolate group is available. Otherwise the port isolate group is unavailable.  Node can be set only if the device supports multiple PortIsolateGroups. |
| hh3cPortIsolateGroupDescription (1.3.6.1.4.1.25506.8.35.5.1.11.1.4) | read-create | Current | Not supported |

# HH3C-LswMAM-MIB

## hh3cdot1qTpFdbSetTable

**OID: 1.3.6.1.4.1.25506.8.35.3.2**

Note: The set operation of this table only supports Multiple Variable Bindings set operation. Variables that must be bound in a set operation include hh3cdot1qTpFdbSetPort, hh3cdot1qTpFdbSetStatus and hh3cdot1qTpFdbSetOperate when create a new entry.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1qTpFdbSetAddress (1.3.6.1.4.1.25506.8.35.3.2.1.1) | not-accessible | Current | As per MIB |
| hh3cdot1qTpFdbSetPort (1.3.6.1.4.1.25506.8.35.3.2.1.2) | read-write | Current | If the state of the MAC address is “blackhole”, the value of this object is 0. |
| hh3cdot1qTpFdbSetStatus (1.3.6.1.4.1.25506.8.35.3.2.1.3) | read-write | Current | The MAC addresses configured as dynamic are integrated into the MAC addresses learned. |
| hh3cdot1qTpFdbSetOperate (1.3.6.1.4.1.25506.8.35.3.2.1.4) | read-write | No | Only support set operation |

# HH3C-LswMSTP-MIB

This MIB is used for products which support MSTP function.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1sStpStatus (1.3.6.1.4.1.25506.8.35.14.1) | read-write | Current | As per MIB |
| hh3cdot1sStpForceVersion (1.3.6.1.4.1.25506.8.35.14.2) | read-write | Current | As per MIB, the value is 2 (rstp) when the spanning tree mode is pvst. |
| hh3cdot1sStpDiameter (1.3.6.1.4.1.25506.8.35.14.3) | read-write | Current | The object is correlated with dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay, which is defined in IEEE 802.1d standard. A modification to this object will cause the other three to change. Changing any of dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay alone will result in incorrect correlation between this object and these three ones. If any of these three objects changed, the reading value of this object is insignificant. |
| hh3cdot1sMstBridgeMaxHops (1.3.6.1.4.1.25506.8.35.14.4) | read-write | Current | As per MIB |
| hh3cdot1sMstMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.5) | read-only | No | As per MIB |
| hh3cdot1sMstMasterPathCost (1.3.6.1.4.1.25506.8.35.14.6) | read-only | No | As per MIB |
| hh3cdot1sMstBpduGuard (1.3.6.1.4.1.25506.8.35.14.7) | read-write | Current | As per MIB |
| hh3cdot1sMstAdminFormatSelector (1.3.6.1.4.1.25506.8.35.14.8) | read-write | No | Only can be set 0. |
| hh3cdot1sMstAdminRegionName (1.3.6.1.4.1.25506.8.35.14.9) | read-write | No | As per MIB |
| hh3cdot1sMstAdminRevisionLevel (1.3.6.1.4.1.25506.8.35.14.10) | read-write | No | As per MIB |
| hh3cdot1sMstOperFormatSelector (1.3.6.1.4.1.25506.8.35.14.11) | read-only | No | As per MIB |
| hh3cdot1sMstOperRegionName (1.3.6.1.4.1.25506.8.35.14.12) | read-only | Current | As per MIB |
| hh3cdot1sMstOperRevisionLevel (1.3.6.1.4.1.25506.8.35.14.13) | read-only | Current | As per MIB |
| hh3cdot1sMstOperConfigDigest (1.3.6.1.4.1.25506.8.35.14.14) | read-only | No | As per MIB |
| hh3cdot1sMstRegionConfActive (1.3.6.1.4.1.25506.8.35.14.15) | read-write | No | The default value is enable. The value disable is effective only for reading and indicates that the region configuration is inactive. |
| hh3cdot1sMstDefaultVlanAllo (1.3.6.1.4.1.25506.8.35.14.16) | read-write | No | As per MIB |
| hh3cdot1sMstDefaultRegionName (1.3.6.1.4.1.25506.8.35.14.17) | read-write | No | As per MIB |
| hh3cdot1sStpPathCostStandard (1.3.6.1.4.1.25506.8.35.14.21) | read-write | No | Path cost standard of the bridge. Value dot1d-1998 is IEEE 802.1d standard in 1998, value dot1t is IEEE 802.1t standard, and value legacy is a private legacy standard. |

## hh3cdot1sVIDAllocationTable

**OID: 1.3.6.1.4.1.25506.8.35.14.18**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1sMstVID (1.3.6.1.4.1.25506.8.35.14.18.1.1) | read-only | Current | As per MIB |
| hh3cdot1sAdminMstID (1.3.6.1.4.1.25506.8.35.14.18.1.2) | read-write | No | As per MIB |
| hh3cdot1sOperMstID (1.3.6.1.4.1.25506.8.35.14.18.1.3) | read-only | Current | As per MIB |

## hh3cdot1sInstanceTable

**OID: 1.3.6.1.4.1.25506.8.35.14.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1) | read-only | Current | As per MIB |
| hh3cdot1sMstiBridgeID (1.3.6.1.4.1.25506.8.35.14.19.1.2) | read-only | No | As per MIB |
| hh3cdot1sMstiBridgePriority (1.3.6.1.4.1.25506.8.35.14.19.1.3) | read-write | Current | As per MIB |
| hh3cdot1sMstiDesignedRoot (1.3.6.1.4.1.25506.8.35.14.19.1.4) | read-only | No | As per MIB |
| hh3cdot1sMstiRootPathCost (1.3.6.1.4.1.25506.8.35.14.19.1.5) | read-only | No | As per MIB |
| hh3cdot1sMstiRootPort (1.3.6.1.4.1.25506.8.35.14.19.1.6) | read-only | No | As per MIB |
| hh3cdot1sMstiRootType (1.3.6.1.4.1.25506.8.35.14.19.1.7) | read-write | Current | As per MIB |
| hh3cdot1sMstiRemainingHops (1.3.6.1.4.1.25506.8.35.14.19.1.8) | read-only | No | As per MIB |
| hh3cdot1sMstiAdminMappedVlanListLow (1.3.6.1.4.1.25506.8.35.14.19.1.9) | read-only | No | As per MIB |
| hh3cdot1sMstiAdminMappedVlanListHigh (1.3.6.1.4.1.25506.8.35.14.19.1.10) | read-only | No | As per MIB |
| hh3cdot1sMstiOperMappedVlanListLow (1.3.6.1.4.1.25506.8.35.14.19.1.11) | read-only | Current | As per MIB |
| hh3cdot1sMstiOperMappedVlanListHigh (1.3.6.1.4.1.25506.8.35.14.19.1.12) | read-only | Current | As per MIB |

## hh3cdot1sPortTable

**OID: 1.3.6.1.4.1.25506.8.35.14.20**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1) | read-only | No | As per MIB |
| hh3cdot1sMstiState (1.3.6.1.4.1.25506.8.35.14.20.1.2) | read-only | No | The value disabled is not used by the node. |
| hh3cdot1sMstiPortPriority (1.3.6.1.4.1.25506.8.35.14.20.1.3) | read-write | Current | As per MIB |
| hh3cdot1sMstiPathCost (1.3.6.1.4.1.25506.8.35.14.20.1.4) | read-write | Current | As per MIB |
| hh3cdot1sMstiDesignatedRoot (1.3.6.1.4.1.25506.8.35.14.20.1.5) | read-only | No | As per MIB |
| hh3cdot1sMstiDesignatedCost (1.3.6.1.4.1.25506.8.35.14.20.1.6) | read-only | No | As per MIB |
| hh3cdot1sMstiDesignatedBridge (1.3.6.1.4.1.25506.8.35.14.20.1.7) | read-only | No | As per MIB |
| hh3cdot1sMstiDesignatedPort (1.3.6.1.4.1.25506.8.35.14.20.1.8) | read-only | No | As per MIB |
| hh3cdot1sMstiMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.20.1.9) | read-only | No | As per MIB |
| hh3cdot1sMstiMasterPortCost (1.3.6.1.4.1.25506.8.35.14.20.1.10) | read-only | No | As per MIB |
| hh3cdot1sMstiStpPortEdgeport (1.3.6.1.4.1.25506.8.35.14.20.1.11) | read-write | Current | As per MIB |
| hh3cdot1sMstiStpPortPointToPoint (1.3.6.1.4.1.25506.8.35.14.20.1.12) | read-write | Current | As per MIB |
| hh3cdot1sMstiStpMcheck (1.3.6.1.4.1.25506.8.35.14.20.1.13) | read-write | No | As per MIB |
| hh3cdot1sMstiStpTransLimit (1.3.6.1.4.1.25506.8.35.14.20.1.14) | read-write | Current | Default value is 10. |
| hh3cdot1sMstiStpRXStpBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.15) | read-only | No | As per MIB |
| hh3cdot1sMstiStpTXStpBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.16) | read-only | No | As per MIB |
| hh3cdot1sMstiStpRXTCNBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.17) | read-only | No | As per MIB |
| hh3cdot1sMstiStpTXTCNBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.18) | read-only | No | As per MIB |
| hh3cdot1sMstiStpRXRSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.19) | read-only | No | As per MIB |
| hh3cdot1sMstiStpTXRSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.20) | read-only | No | As per MIB |
| hh3cdot1sMstiStpRXMSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.21) | read-only | No | As per MIB |
| hh3cdot1sMstiStpTXMSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.22) | read-only | No | As per MIB |
| hh3cdot1sMstiStpClearStatistics (1.3.6.1.4.1.25506.8.35.14.20.1.23) | read-write | No | As per MIB |
| hh3cdot1sMstiStpDefaultPortCost (1.3.6.1.4.1.25506.8.35.14.20.1.24) | read-write | No | As per MIB |
| hh3cdot1sMstiStpStatus (1.3.6.1.4.1.25506.8.35.14.20.1.25) | read-write | Current | As per MIB |
| hh3cdot1sMstiPortRootGuard (1.3.6.1.4.1.25506.8.35.14.20.1.26) | read-write | Current | As per MIB |
| hh3cdot1sMstiPortLoopGuard (1.3.6.1.4.1.25506.8.35.14.20.1.27) | read-write | Current | As per MIB |
| hh3cdot1sMstiStpPortSendingBPDUType (1.3.6.1.4.1.25506.8.35.14.20.1.28) | read-only | Current | As per MIB |
| hh3cdot1sMstiStpOperPortPointToPoint (1.3.6.1.4.1.25506.8.35.14.20.1.29) | read-only | Current | As per MIB |
| hh3cdot1sMstiStpPortAdminBPDUFmt (1.3.6.1.4.1.25506.8.35.14.20.1.30) | read-write | No | The value of the node is an administrative value. Value legacy means that the MST BPDU format is forced to legacy. Value dot1s means that the MST BPDU format is forced to IEEE 802.1s. Value auto means that the format of MST BPDU sending on the port is determined by the MST BPDU that the port has received. Effective in CIST. |
| hh3cdot1sMstiStpPortOperBPDUFmt (1.3.6.1.4.1.25506.8.35.14.20.1.31) | read-only | No | The format of MST BPDU which the port is sending. Value legacy means that the format of MST BPDU sending on the port is legacy. Value dot1s means that the format of MST BPDU sending on the port is IEEE 802.1s. Effective in CIST. |
| hh3cdot1sMstiStpPortRoleRestriction(1.3.6.1.4.1.25506.8.35.14.20.1.32) | read-write | Current | As per MIB |
| hh3cdot1sMstiStpPortTcRestriction(1.3.6.1.4.1.25506.8.35.14.20.1.33) | read-write | Current | As per MIB |
| hh3cdot1sMstiStpPortDisputed(1.3.6.1.4.1.25506.8.35.14.20.1.34) | read-only | No | As per MIB |

# HH3C-LswVLAN-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVLANMibGarpLeaveAllTime (1.3.6.1.4.1.25506.8.35.2.2.14) | read-write | Current | Not supported |

## hh3cvLANMibSwitchCountTable

**OID: 1.3.6.1.4.1.25506.8.35.2.2.15**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVLANMibSwitchGMRPRXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.1) | read-only | No | Not supported |
| hh3cVLANMibSwitchGVRPRXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.2) | read-only | No | Not supported |
| hh3cVLANMibSwitchGMRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.3) | read-only | No | Not supported |
| hh3cVLANMibSwitchGVRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.4) | read-only | No | Not supported |
| hh3cVLANMibSwitchDiscardedPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.5) | read-only | No | Not supported |
| hh3cVLANMibSwitchGarpStatClear (1.3.6.1.4.1.25506.8.35.2.2.15.1.6) | write-only | No | Not supported |

## hh3cvLANMibHoldTimeTable

**OID: 1.3.6.1.4.1.25506.8.35.2.2.16**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVLANMibHoldTime (1.3.6.1.4.1.25506.8.35.2.2.16.1.1) | read-write | No | Not supported |

## hh3cdot1qVlanMIBTable

**OID: 1.3.6.1.4.1.25506.8.35.2.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cdot1qVlanIndex (1.3.6.1.4.1.25506.8.35.2.1.1.1.1) | read-only | No | As per MIB |
| hh3cdot1qVlanName (1.3.6.1.4.1.25506.8.35.2.1.1.1.2) | read-write | Current | Spaces at the beginning or the end of the hh3cdot1qVlanName will be removed.  A string composed with spaces is not supported either.  A null string inputted as hh3cdot1qVlanName will be replaced with the default description of the vlan. |
| hh3cdot1qVlanPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.3) | read-write | Current | As per MIB |
| hh3cdot1qVlanType (1.3.6.1.4.1.25506.8.35.2.1.1.1.4) | read-write | Current | As per MIB |
| hh3cdot1qVlanMacFilter (1.3.6.1.4.1.25506.8.35.2.1.1.1.5) | read-only | No | Not supported, it’s value is always false(2), which means “not supported” |
| hh3cdot1qVlanMcastUnknownProtos (1.3.6.1.4.1.25506.8.35.2.1.1.1.6) | read-only | No | Not supported, it’s value is always false(2), which means “not supported” |
| hh3cExistInterface (1.3.6.1.4.1.25506.8.35.2.1.1.1.7) | read-only | No | As per MIB |
| hh3cVlanInterfaceIndex (1.3.6.1.4.1.25506.8.35.2.1.1.1.8) | read-only | No | As per MIB |
| hh3cdot1qVlanMacLearn (1.3.6.1.4.1.25506.8.35.2.1.1.1.9) | read-only | No | Not supported.  Its value is always 2(false), which means “not supported” |
| hh3cdot1qVlanStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.10) | read-only | No | As per MIB |
| hh3cdot1qVlanCreationTime (1.3.6.1.4.1.25506.8.35.2.1.1.1.11) | read-only | No | As per MIB |
| hh3cdot1qVlanPriority (1.3.6.1.4.1.25506.8.35.2.1.1.1.12) | read-write | No | This value is always 0. |
| hh3cdot1qVlanRowStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.13) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6) |
| hh3cdot1qVlanBroadcastSuppression (1.3.6.1.4.1.25506.8.35.2.1.1.1.14) | read-write | No | Only support read operation |
| hh3cdot1qVlanBcastSuppressionPPS  (1.3.6.1.4.1.25506.8.35.2.1.1.1.15) | read-write | No | Not supported. |
| hh3cdot1qVlanMulticast  (1.3.6.1.4.1.25506.8.35.2.1.1.1.16) | read-write | No | Not supported. |
| hh3cdot1qVlanTaggedPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.17) | read-only | Current | As per MIB |
| hh3cdot1qVlanUntaggedPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.18) | read-only | Current | As per MIB |
| hh3cdot1qVlanPortIndexs (1.3.6.1.4.1.25506.8.35.2.1.1.1.19) | read-write | Current | As per MIB |

1.hh3cdot1qVlanMIBTable is used for VLAN information management and monitor, It can be used for VLAN row creation, deletion, and VLAN property configuration and query.

In this table the leaf node can be classified as configure node and query node, configure node can both be used for configure and query purposes, while query node can be used for query only.

The configure nodes in this table include:

hh3cdot1qVlanName

hh3cdot1qVlanPorts

hh3cdot1qVlanType

hh3cdot1qVlanPriority

hh3cdot1qVlanRowStatus

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

Rest of the leaf nodes are query nodes.

2.hh3cdot1qVlanMIBTable configuration instruction:

hh3cdot1qVlanMIBTable use VLAN Index as the table index, which is normally called VLANID,

If a row is to be created, it is recommended to traverse this table first and use the unused VLAN index to create the row. In this table rowstatus only support active(1), createAndGo(4), destroy(6).

For this MIB, there are two kinds of operation:

2.1 hh3cdot1qVlanRowStatus(createAndGo(4)) and nodes are set together

When the rowstatus node and the following nodes are set simultaneously

hh3cdot1qVlanName

hh3cdot1qVlanPorts

hh3cdot1qVlanType

hh3cdot1qVlanPriority

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

For hh3cdot1qVlanName, VLAN name string check is performed, the row is created only if the string check succeeds.

For rest of the leaf nodes listed above, the row will be created before setting the properties. If errors happen when setting the properties, the operation will fail while the row has already been created.

Here are some examples for the error mentioned above:

1) hh3cdot1qPorts: through this MIB node only access type ports can be added or deleted. Operation will fail while the row has already been created, if some of the ports to be added or deleted are not of access type.

2) hh3cdot1qVlanType: with value sub-vlan(3) cannot be set using this MIB, when rowstatus(createAndGo(4)) and hh3cdot1qVlanType(sub-vlan(3)) are set together, Operation will fail while the row has already been created.

It is recommended to set hh3cdot1qVlanRowStatus(createAndGo(4)) and other node properties separately to avoid such kind of error.

2.2 Row already exist and set node properties:

For the following nodes:

hh3cdot1qVlanName The name length cannot exceed 32 characters.

hh3cdot1qVlanPorts To set the node successfully you should first get the value of the node, and then only change the corresponding bit of the access port.

hh3cdot1qVlanType sub-vlan(3) secondary-vlan(5) cannot be set using this MIB

hh3cdot1qVlanPriority

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

3. configuration example

1) Configuration success

hh3cdot1qVlanRowStatus(createAndGo(4)) are set together with hh3cdot1qVlanName using value "vlantest", use the index unused in this table, the row is created and hh3cdot1qVlanName is set successfully.

2) Configuration fail

Precondition: there is trunk type port existing on the device and port not belongs to this vlan. hh3cdot1qVlanRowStatus(createAndGo(4)) and hh3cdot1qVlanPorts with trunk port corresponding bit in the octet string setting to 1 are set together, Operation will fail while the row has already been created.

## hh3cVlanInterfaceTable

**OID: 1.3.6.1.4.1.25506.8.35.2.1.2**

The values of below objects must be appointed at the same time when SET operation:

hh3cdot1qVlanIpAddress,

hh3cdot1qVlanIpAddressMask,

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVlanInterfaceID (1.3.6.1.4.1.25506.8.35.2.1.2.1.1) | read-only | No | As per MIB |
| hh3cdot1qVlanID (1.3.6.1.4.1.25506.8.35.2.1.2.1.2) | read-only | No | As per MIB |
| hh3cdot1qVlanIpAddress (1.3.6.1.4.1.25506.8.35.2.1.2.1.3) | read-write | Current | As per MIB |
| hh3cdot1qVlanIpAddressMask (1.3.6.1.4.1.25506.8.35.2.1.2.1.4) | read-write | Current | As per MIB |
| hh3cVlanInterfaceAdminStatus (1.3.6.1.4.1.25506.8.35.2.1.2.1.5) | read-write | Current | As per MIB |
| hh3cVlanInterfaceFrameType (1.3.6.1.4.1.25506.8.35.2.1.2.1.6) | read-only | No | As per MIB |
| hh3cInterfaceRowStatus (1.3.6.1.4.1.25506.8.35.2.1.2.1.7) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6). When the rowstatus node and the other nodes in this table are set simultaneously, the row will be created before setting the properties, if errors happen when setting the properties, operation will fail while the row has already been created. It is recommended to set hh3cInterfaceRowStatus (createAndGo(4)) and other node properties separately to avoid such kind of error. Set status column to createAndGo when the status column is active, it will be succeed. |
| hh3cVlanInterfaceIpMethod (1.3.6.1.4.1.25506.8.35.2.1.2.1.8) | read-write | No | Only support read operation |
| hh3cVlanInterfaceIfIndex (1.3.6.1.4.1.25506.8.35.2.1.2.1.9) | read-only | No | As per MIB |

## hh3cifIsolateMappingTable

**OID: 1.3.6.1.4.1.25506.8.35.2.1.4**

The values of below objects must be appointed at the same time when SET operation:

hh3cifIsolateSecondaryVlanlistLow,

hh3cifIsolateSecondaryVlanlistHigh,

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cifIsolatePrimaryVlanID (1.3.6.1.4.1.25506.8.35.2.1.4.1.1) | read-only | No | Not Supported. |
| hh3cifIsolateSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.4.1.2) | read-write | No | Not Supported. |
| hh3cifIsolateSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.4.1.3) | read-write | No | Not Supported. |

## hh3cVlanInterfaceAddrTable

**OID: 1.3.6.1.4.1.25506.8.35.2.1.5**

The values of below objects must be appointed at the same time when the value of hh3cVlanInterfaceIpRowStatus is SNMP\_ROW\_CREATEANDGO:

hh3cVlanInterfaceIpAddr

hh3cVlanInterfaceIpMask

If the value of hh3cVlanInterfaceIpRowStatus is SNMP\_ROW\_DESTROY, hh3cVlanInterfaceIpAddr, hh3cVlanInterfaceIpMask and hh3cVlanInterfaceIpType are required.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVlanInterfaceIpIfIndex (1.3.6.1.4.1.25506.8.35.2.1.5.1.1) | read-only | No | As per MIB |
| hh3cVlanInterfaceIpAddr (1.3.6.1.4.1.25506.8.35.2.1.5.1.2) | read-only | Current | As per MIB |
| hh3cVlanInterfaceIpMask (1.3.6.1.4.1.25506.8.35.2.1.5.1.3) | read-create | Current | As per MIB |
| hh3cVlanInterfaceIpType (1.3.6.1.4.1.25506.8.35.2.1.5.1.4) | read-create | Current | As per MIB  Only support primary(1) and sub(2). |
| hh3cVlanInterfaceIpRowStatus (1.3.6.1.4.1.25506.8.35.2.1.5.1.5) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6). |

# HH3C-MPLSEXT-MIB

## hh3cMplsExtScalarGroup

**OID: 1.3.6.1.4.1.25506.2.142.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsExtLsrID (1.3.6.1.4.1.25506.2.142.1.1.1) | read-write | Current | As per MIB |
| hh3cMplsExtLdpStatus (1.3.6.1.4.1.25506.2.142.1.1.2) | read-write | Current | As per MIB |

## hh3cMplsExtTable

**OID: 1.3.6.1.4.1.25506.2.142.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsExtIndex (1.3.6.1.4.1.25506.2.142.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtCapability  (1.3.6.1.4.1.25506.2.142.1.2.1.2) | read-create | Current | As per MIB |
| hh3cMplsExtMtu  (1.3.6.1.4.1.25506.2.142.1.2.1.3) | read-create | Current | As per MIB |
| hh3cMplsExtRowStatus  (1.3.6.1.4.1.25506.2.142.1.2.1.4) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## hh3cMplsExtLdpTable

**OID: 1.3.6.1.4.1.25506.2.142.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsExtLdpIndex  (1.3.6.1.4.1.25506.2.142.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtLdpCapability  (1.3.6.1.4.1.25506.2.142.1.3.1.2) | read-create | Current | As per MIB |
| hh3cMplsExtLdpRowStatus  (1.3.6.1.4.1.25506.2.142.1.3.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## hh3cMplsExtBfdTable

**OID: 1.3.6.1.4.1.25506.2.142.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsExtBfdLocalDiscr (1.3.6.1.4.1.25506.2.142.1.4.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtBfdType (1.3.6.1.4.1.25506.2.142.1.4.1.2) | read-only | Current | As per MIB |
| hh3cMplsExtBfdBindIfIndex (1.3.6.1.4.1.25506.2.142.1.4.1.3) | read-only | Current | As per MIB |
| hh3cMplsExtBfdBindIfName (1.3.6.1.4.1.25506.2.142.1.4.1.4) | read-only | Current | As per MIB |
| hh3cMplsExtBfdXcIndex (1.3.6.1.4.1.25506.2.142.1.4.1.5) | read-only | No | As per MIB |
| hh3cMplsExtBfdPwBackupFlag (1.3.6.1.4.1.25506.2.142.1.4.1.6) | read-only | Current | As per MIB |
| hh3cMplsExtBfdPwId (1.3.6.1.4.1.25506.2.142.1.4.1.7) | read-only | Current | As per MIB |
| hh3cMplsExtBfdVsiIndex (1.3.6.1.4.1.25506.2.142.1.4.1.8) | read-only | Current | As per MIB |
| hh3cMplsExtBfdPwPeerIpType (1.3.6.1.4.1.25506.2.142.1.4.1.9) | read-only | Current | As per MIB |
| hh3cMplsExtBfdPwPeerIp (1.3.6.1.4.1.25506.2.142.1.4.1.10) | read-only | Current | As per MIB |
| hh3cMplsExtBfdPwSPE (1.3.6.1.4.1.25506.2.142.1.4.1.11) | read-only | Current | As per MIB |
| hh3cMplsExtBfdPwEncapType (1.3.6.1.4.1.25506.2.142.1.4.1.12) | read-only | Current | As per MIB |

## hh3cMplsExtVpnStatsTable

**OID: 1.3.6.1.4.1.25506.2.142.1.5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments | |
| hh3cMplsExtVpnStatsVrfIndex (1.3.6.1.4.1.25506.2.142.1.5.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtVpnStatsVpnName (1.3.6.1.4.1.25506.2.142.1.5.1.2) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsInOctets (1.3.6.1.4.1.25506.2.142.1.5.1.3) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsInPackets (1.3.6.1.4.1.25506.2.142.1.5.1.4) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsInErrors (1.3.6.1.4.1.25506.2.142.1.5.1.5) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsInDiscards (1.3.6.1.4.1.25506.2.142.1.5.1.6) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsOutOctets (1.3.6.1.4.1.25506.2.142.1.5.1.7) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsOutPackets (1.3.6.1.4.1.25506.2.142.1.5.1.8) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsOutErrors (1.3.6.1.4.1.25506.2.142.1.5.1.9) | read-only | No | As per MIB |
| hh3cMplsExtVpnStatsOutDiscards (1.3.6.1.4.1.25506.2.142.1.5.1.10) | read-only | No | As per MIB |

## hh3cMplsExtVpnTable

OID of this table is: 1.3.6.1.4.1.25506.2.142.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMplsExtVpnName (1.3.6.1.4.1.25506.2.142.1.6.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtVrfIndex (1.3.6.1.4.1.25506.2.142.1.6.1.2) | read-only | Current | As per MIB |

## hh3cMplsExtStaticLspTable

OID of this table is: 1.3.6.1.4.1.25506.2.142.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMplsExtStaticLspName (1.3.6.1.4.1.25506.2.142.1.7.1.1) | not-accessible | No | As per MIB |
| hh3cMplsExtStaticLspType (1.3.6.1.4.1.25506.2.142.1.7.1.2) | read-only | Current | As per MIB |
| hh3cMplsExtStaticLspInLabel (1.3.6.1.4.1.25506.2.142.1.7.1.3) | read-only | Current | As per MIB |
| hh3cMplsExtStaticLspOutLabel (1.3.6.1.4.1.25506.2.142.1.7.1.4) | read-only | Current | As per MIB |
| hh3cMplsExtStaticLspDestAddr (1.3.6.1.4.1.25506.2.142.1.7.1.5) | read-only | Curremt | As per MIB |
| hh3cMplsExtStaticLspDestAddrMaskLen (1.3.6.1.4.1.25506.2.142.1.7.1.6) | read-only | Current | As per MIB |
| hh3cMplsExtStaticLspNextHopAddr (1.3.6.1.4.1.25506.2.142.1.7.1.7) | read-only | Current | As per MIB |
| hh3cMplsExtStaticLspOutIfIndex (1.3.6.1.4.1.25506.2.142.1.7.1.8) | read-only | Current | As per MIB |

# HH3C-MPLSTE-MIB

## hh3cMplsTeScalarGroup

**OID: 1.3.6.1.4.1.25506.2.143.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsTeStatus (1.3.6.1.4.1.25506.2.143.1.1.1) | read-write | Current | As per MIB |
| hh3cMplsTeRsvpStatus (1.3.6.1.4.1.25506.2.143.1.1.2) | read-write | Current | As per MIB |

## hh3cMplsTeTable

**OID: 1.3.6.1.4.1.25506.2.143.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsTeIndex  (1.3.6.1.4.1.25506.2.143.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cMplsTeCapability  (1.3.6.1.4.1.25506.2.143.1.2.1.2) | read-create | Current | As per MIB |
| hh3cMplsTeRowStatus  (1.3.6.1.4.1.25506.2.143.1.2.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## hh3cMplsTeRsvpTable

**OID: 1.3.6.1.4.1.25506.2.143.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMplsTeRsvpIndex  (1.3.6.1.4.1.25506.2.143.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cMplsTeRsvpCapability  (1.3.6.1.4.1.25506.2.143.1.3.1.2 | read-create | Current | As per MIB |
| hh3cMplsTeRsvpRowStatus  (1.3.6.1.4.1.25506.2.143.1.3.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

# HH3C-MP-V2-MIB

The HH3C-MP-V2-MIB is used to manage the MP feature. Multilink PPP (MP) allows you to bind multiple PPP links into one MP bundle for increasing bandwidth. After receiving a packet that is larger than the minimum packet size for fragmentation, MP fragments the packet and distributes the fragments across multiple PPP links to the peer. After the peer receives these fragments, it reassembles them into one packet and passes the packet to the network layer.

## hh3cMpMultilinkV2Table

**OID: 1.3.6.1.4.1.25506.2.140.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMpMultilinkDescrV2  (1.3.6.1.4.1.25506.2.140.1.1.1.1) | read-only | Current | As per MIB |
| hh3cMpBundleNameV2  (1.3.6.1.4.1.25506.2.140.1.1.1.2) | read-only | No | The value is always “Multilink” if it is a Mp-group interface. |
| hh3cMpBundledSlotV2  (1.3.6.1.4.1.25506.2.140.1.1.1.3) | read-only | No | As per MIB |
| hh3cMpBundledMemberCntV2  (1.3.6.1.4.1.25506.2.140.1.1.1.4) | read-only | No | As per MIB |
| hh3cMpLostFragmentsV2  (1.3.6.1.4.1.25506.2.140.1.1.1.5) | read-only | No | As per MIB |
| hh3cMpReorderedPktsV2  (1.3.6.1.4.1.25506.2.140.1.1.1.6) | read-only | No | As per MIB |
| hh3cMpUnassignedPktsV2  (1.3.6.1.4.1.25506.2.140.1.1.1.7) | read-only | No | As per MIB |
| hh3cMpInterleavedPktsV2  (1.3.6.1.4.1.25506.2.140.1.1.1.8) | read-only | No | As per MIB |
| hh3cMpRcvdSequenceV2  (1.3.6.1.4.1.25506.2.140.1.1.1.9) | read-only | No | As per MIB |
| hh3cMpSentSequenceV2  (1.3.6.1.4.1.25506.2.140.1.1.1.10) | read-only | No | As per MIB |

## hh3cMpMemberlinkV2Table

**OID: 1.3.6.1.4.1.25506.2.140.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMpMemberlinkSeqNumberV2  (1.3.6.1.4.1.25506.2.140.1.2.1.1) | read-only | No | As per MIB |
| hh3cMpMemberlinkIfIndexV2  (1.3.6.1.4.1.25506.2.140.1.2.1.2) | read-only | No | As per MIB |
| hh3cMpMemberlinkDescrV2  (1.3.6.1.4.1.25506.2.140.1.2.1.3) | read-only | No | As per MIB |
| hh3cMpMemberlinkMpStatusV2  (1.3.6.1.4.1.25506.2.140.1.2.1.4) | read-only | No | As per MIB |

# HH3C-NAT-MIB

The HH3C-NAT-MIB is designed to set NAT configuration or get NAT information.

## hh3NATStatVer2Table

**OID: 1.3.6.1.4.1.25506.2.18.2.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNATStatChassis (1.3.6.1.4.1.25506.2.18.2.13.1.1) | not-accessible | No | As per MIB |
| hh3cNATStatSlot (1.3.6.1.4.1.25506.2.18.2.13.1.2) | not-accessible | No | As per MIB |
| hh3cNATStatCPUID (1.3.6.1.4.1.25506.2.18.2.13.1.3) | not-accessible | No | As per MIB |
| hh3cNATTotalNATSessionCount (1.3.6.1.4.1.25506.2.18.2.13.1.4) | read-only | No | As per MIB |
| hh3cNATEimTableCount (1.3.6.1.4.1.25506.2.18.2.13.1.5) | read-only | No | As per MIB |
| hh3cNATInboundNoPATTableCount (1.3.6.1.4.1.25506.2.18.2.13.1.6) | read-only | No | As per MIB |
| hh3cNATOutboundNoPATTableCount (1.3.6.1.4.1.25506.2.18.2.13.1.7) | read-only | No | As per MIB |
| hh3cNATMaxDynamicPortblock (1.3.6.1.4.1.25506.2.18.2.13.1.8) | read-only | No | As per MIB |
| hh3cNATMaxStaticPortblock (1.3.6.1.4.1.25506.2.18.2.13.1.9) | read-only | No | As per MIB |
| hh3cNATActiveDynamicPortblock (1.3.6.1.4.1.25506.2.18.2.13.1.10) | read-only | No | As per MIB |
| hh3cNATActiveStaticPortblock (1.3.6.1.4.1.25506.2.18.2.13.1.11) | read-only | No | As per MIB |

# HH3C-NQA-MIB

This MIB should be supported by device which implements disman ping function. This MIB cannot mix using with CLI.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaMIBVersion (1.3.6.1.4.1.25506.8.3.1.1) | read-only | No | As per MIB |
| hh3cNqaAgentEnable (1.3.6.1.4.1.25506.8.3.1.5) | read-write | Current | Default value is enable(1). |
| hh3cNqaServerEnable (1.3.6.1.4.1.25506.8.3.1.8) | read-write | Current | As per MIB |
| hh3cNqaStatsMaxGroupNumber (1.3.6.1.4.1.25506.8.3.1.9) | read-only | Current | As per MIB |

## hh3cNqaCtlTable

**OID: 1.3.6.1.4.1.25506.8.3.1.2**

* The parameter which is not supported by the corresponding pingCtlType cannot be configured.
* Once the configuration is modified, the result, histories, and statistics of the corresponding entry will be cleared.
* The results, histories and statistics must be the factual reflection of the test results of current configurations.
* Users will be puzzled when they get the results which caused by the previous configurations.
* If the parameter which is not supported by the corresponding pingCtlType is read, the result is invalid.
* The following table shows the relationship between pingCtlType and parameters.

|  |  |
| --- | --- |
| Value of pingCtlType | Support parameters |
| pingIcmpEcho | hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| pingUdpEcho  hh3cNqaUdpEcho | hh3cNqaCtlTargetPort  hh3cNqaCtlSourcePort  hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| pingSnmpQuery | hh3cNqaCtlSourcePort  hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| pingTcpConnectionAttempt  hh3cNqaTcpconnect | hh3cNqaCtlTargetPort  hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| hh3cNqajitter ( for UDP-jitter test )  hh3cNqaCtlCodecType is defined as notDefined(1) | hh3cNqaCtlTargetPort  hh3cNqaCtlSourcePort  hh3cNqaCtlTTL  hh3cNqaCtlJitterAdminInterval  hh3cNqaCtlJitterAdminNumPackets  hh3cNqaCtlCodecType  hh3cNqaCtlVPNInstance |
| hh3cNqajitter ( for voice test )  hh3cNqaCtlCodecType is defined as g711Alaw(2)、g711Ulaw(3) or g729A(4) | hh3cNqaCtlTargetPort  hh3cNqaCtlSourcePort  hh3cNqaCtlTTL  hh3cNqaCtlJitterAdminInterval  hh3cNqaCtlJitterAdminNumPackets  hh3cNqaCtlICPIFAdvFactor  hh3cNqaCtlCodecType  hh3cNqaCtlVPNInstance |
| hh3cNqajitter ( for ICMP-jitter test )  hh3cNqaCtlCodecType is defined as icmpTimestamp(5) | hh3cNqaCtlTTL  hh3cNqaCtlJitterAdminInterval  hh3cNqaCtlJitterAdminNumPackets  hh3cNqaCtlCodecType  hh3cNqaCtlVPNInstance |
| hh3cNqaHttp | hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlHttpOperationType  hh3cNqaCtlHttpOperationString  hh3cNqaCtlVPNInstance |
| hh3cNqadlsw | hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| hh3cNqadhcp | hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlVPNInstance |
| hh3cNqaftp | hh3cNqaCtlTTL  hh3cNqaCtlHistoryKeptTime  hh3cNqaCtlHistoryEnable  hh3cNqaCtlFtpOperationType  hh3cNqaCtlFtpUsername  hh3cNqaCtlFtpPassword  hh3cNqaCtlFtpOperationString  hh3cNqaCtlVPNInstance |

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaCtlTargetPort (1.3.6.1.4.1.25506.8.3.1.2.1.1) | read-create | Current | Range from 0 to 65535  If the value of pingCtlType is “pingUdpEcho” or “pingTcpConnectionAttempt”, the value of this object must be 7.  If the value of pingCtlType is "hh3cNqaUdpEcho" or "hh3cNqaTcpconnect", the value of this object cannot be 7. |
| hh3cNqaCtlSourcePort (1.3.6.1.4.1.25506.8.3.1.2.1.2) | read-create | Current | Range from 0 to 65535 |
| hh3cNqaCtlTTL (1.3.6.1.4.1.25506.8.3.1.2.1.3) | read-create | Current | Range from 1 to 255 |
| hh3cNqaCtlJitterAdminInterval (1.3.6.1.4.1.25506.8.3.1.2.1.4) | read-create | Current | Range from 10 to 60000 |
| hh3cNqaCtlJitterAdminNumPackets (1.3.6.1.4.1.25506.8.3.1.2.1.5) | read-create | Current | For ICMP-jitter and UDP-jitter tests, the value range is 10 to 1000,and the default value is 10.  For the voice test, the value range is 10 to 60000, and the default value is 1000.  The object is available only forICMP-jitter, voice and UDP-jitter tests. |
| hh3cNqaCtlHttpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.6) | read-create | Current | As per MIB |
| hh3cNqaCtlHttpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.7) | read-create | Current | When config the raw type of hh3cNqaCtlHttpOperationType, the length of url is from 0 to 1023.  The following details are for the get and post type of hh3cNqaCtlHttpOperationType. This object include two  parts, the first part is resource and the second is http version. The resource is a part of URL. The common format of URL is *http://host/resource*.  The length of resource is from 0 to 246 .  The resource is case-sensitive.  The version supports “HTTP/1.0” and “HTTP/1.1”(case- insensitive).  The default value of this object is v1.0.  The value of this object must have one space and only one space. The space is the separator of resource and version.  If the value of this object is zero-length string, the resource and version are set to default value. |
| hh3cNqaCtlFtpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.8) | read-create | Current | As per MIB |
| hh3cNqaCtlFtpUsername (1.3.6.1.4.1.25506.8.3.1.2.1.9) | read-create | Current | As per MIB |
| hh3cNqaCtlFtpPassword (1.3.6.1.4.1.25506.8.3.1.2.1.10) | read-create | Current | As per MIB |
| hh3cNqaCtlFtpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.11) | read-create | Current | For put operation of hh3cNqaCtlFtpOperationType, the length of this object is from 1 to 200;  For get operation of hh3cNqaCtlFtpOperationType, the length of this object is from 1 to 247. |
| hh3cNqaCtlVPNInstance (1.3.6.1.4.1.25506.8.3.1.2.1.12) | read-create | Current | The length of this object is from 0 to 31.  If the product does not support VPN feature, this object cannot be set. |
| hh3cNqaCtlHistoryKeptTime (1.3.6.1.4.1.25506.8.3.1.2.1.13) | read-create | Current | As per MIB |
| hh3cNqaCtlHistoryEnable (1.3.6.1.4.1.25506.8.3.1.2.1.14) | read-create | Current | As per MIB |
| hh3cNqaCtlICPIFAdvFactor (1.3.6.1.4.1.25506.8.3.1.2.1.15) | read-create | Current | Range from 0 to 20 |
| hh3cNqaCtlCodecType (1.3.6.1.4.1.25506.8.3.1.2.1.16) | read-create | Current | If the corresponding pingCtlType is not hh3cNqajitter, this object is invalid.  For the UDP-jitter test, the corresponding pingCtlType is hh3cNqajitter and this object is set to notDefined.  For the voice test, the corresponding pingCtlType is hh3cNqajitter and this object is set to g711Alaw, g711Ulaw or g729A.  For the ICMP-jitter test, the corresponding pingCtlType is hh3cNqajitter and this object is set to icmpTimestamp.  If the object value is changed to represent a new test type, the system performs the following operations:   * Deletes the entry of the old test type.   Creates the entry of the new test type with default settings. The currently supported values are notDefined, g711Alaw, g711Ulaw, g729A and icmpTimestamp. |

## hh3cNqaResultsTable

**OID: 1.3.6.1.4.1.25506.8.3.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaResultsRttNumDisconnects (1.3.6.1.4.1.25506.8.3.1.3.1.1) | read-only | No | As per MIB |
| hh3cNqaResultsRttTimeouts (1.3.6.1.4.1.25506.8.3.1.3.1.2) | read-only | No | As per MIB |
| hh3cNqaResultsRttBusies (1.3.6.1.4.1.25506.8.3.1.3.1.3) | read-only | No | Not supported |
| hh3cNqaResultsRttNoConnections (1.3.6.1.4.1.25506.8.3.1.3.1.4) | read-only | No | As per MIB |
| hh3cNqaResultsRttDrops (1.3.6.1.4.1.25506.8.3.1.3.1.5) | read-only | No | As per MIB |
| hh3cNqaResultsRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.3.1.6) | read-only | No | As per MIB |
| hh3cNqaResultsRttStatsErrors (1.3.6.1.4.1.25506.8.3.1.3.1.7) | read-only | No | As per MIB |
| hh3cNqaResultsMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.8) | read-only | No | As per MIB |
| hh3cNqaResultsMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.9) | read-only | No | As per MIB |
| hh3cNqaResultsLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.3.1.10) | read-only | No | The value of this object reflects the drop rate of all kinds of tests included in DISMAN-PING-MIB MIB and HH3C-NQA-MIB MIB. |
| hh3cNqaResultsPacketLateArrival (1.3.6.1.4.1.25506.8.3.1.3.1.11) | read-only | No | As per MIB |
| hh3cNqaResultsRttSum (1.3.6.1.4.1.25506.8.3.1.3.1.12) | read-only | No | As per MIB |
| hh3cNqaResultsNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.13) | read-only | No | As per MIB |
| hh3cNqaResultsMinDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.14) | read-only | No | As per MIB |
| hh3cNqaResultsSumDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.15) | read-only | No | As per MIB |
| hh3cNqaResultsSum2DelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.16) | read-only | No | As per MIB |
| hh3cNqaResultsNumOfDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.17) | read-only | No | As per MIB |
| hh3cNqaResultsMinDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.18) | read-only | No | As per MIB |
| hh3cNqaResultsSumDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.19) | read-only | No | As per MIB |
| hh3cNqaResultsSum2DelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.20) | read-only | No | As per MIB |

## hh3cNqaJitterStatsTable

**OID: 1.3.6.1.4.1.25506.8.3.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaJitterStatsNumOfRTT (1.3.6.1.4.1.25506.8.3.1.4.1.1) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMinOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.2) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMaxOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.3) | read-only | No | As per MIB |
| hh3cNqaJitterStatsNumOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.4) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSumOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.5) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSum2PositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.6) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMinOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.7) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMaxOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.8) | read-only | No | As per MIB |
| hh3cNqaJitterStatsNumOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.9) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSumOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.10) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSum2NegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.11) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMinOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.12) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMaxOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.13) | read-only | No | As per MIB |
| hh3cNqaJitterStatsNumOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.14) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSumOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.15) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSum2PositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.16) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMinOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.17) | read-only | No | As per MIB |
| hh3cNqaJitterStatsMaxOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.18) | read-only | No | As per MIB |
| hh3cNqaJitterStatsNumOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.19) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSumOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.20) | read-only | No | As per MIB |
| hh3cNqaJitterStatsSum2NegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.21) | read-only | No | As per MIB |
| hh3cNqaJitterStatsPacketLossSD (1.3.6.1.4.1.25506.8.3.1.4.1.22) | read-only | No | As per MIB |
| hh3cNqaJitterStatsPacketLossDS (1.3.6.1.4.1.25506.8.3.1.4.1.23) | read-only | No | As per MIB |
| hh3cNqaJitterStatsAvePositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.24) | read-only | No | If the difference between intervals from source to destination of two sequential packets within a group of packets is positive, statistical times should add 1, and statistical summation should add the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical times). |
| hh3cNqaJitterStatsAveNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.25) | read-only | No | If the difference between intervals from source to destination of two sequential packets within a group of packets is negative, statistical times should add 1, and statistical summation should add the absolute value of the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical times). |
| hh3cNqaJitterStatsAvePositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.26) | read-only | No | If the difference between intervals from destination to source of two sequential packets within a group of packets is positive, statistical times should add 1, and statistical summation should add the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical times). |
| hh3cNqaJitterStatsAveNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.27) | read-only | No | If the difference between intervals from destination to source of two sequential packets within a group of packets is negative, statistical times should add 1, and statistical summation should add the absolute value of the difference. The value of this object is the result of following expression: (statistical summation)/( statistical times). |
| hh3cNqaJitterStatsPktLossUnknown (1.3.6.1.4.1.25506.8.3.1.4.1.28) | read-only | No | The number of packets which lost but not knowing result |
| hh3cNqaJitterStatsOperOfICPIF (1.3.6.1.4.1.25506.8.3.1.4.1.29) | read-only | No | Only voice test is supported. |
| hh3cNqaJitterStatsOperOfMOS (1.3.6.1.4.1.25506.8.3.1.4.1.30) | read-only | No | Only voice test is supported the value of this object is 100 times of the actual value. |
| hh3cNqaJitterStatsAveSD (1.3.6.1.4.1.25506.8.3.1.4.1.31) | read-only | No | As per MIB |
| hh3cNqaJitterStatsAveDS (1.3.6.1.4.1.25506.8.3.1.4.1.32) | read-only | No | As per MIB |

## hh3cNqaTcpServerTable

**OID: 1.3.6.1.4.1.25506.8.3.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaTcpServerIpAddress (1.3.6.1.4.1.25506.8.3.1.6.1.1) | not-accessible | Current | Only support ipv4 address. |
| hh3cNqaTcpServerPort (1.3.6.1.4.1.25506.8.3.1.6.1.2) | not-accessible | Current | Range from 1 to 65535 |
| hh3cNqaTcpServerRowStatus (1.3.6.1.4.1.25506.8.3.1.6.1.3) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6) |

## hh3cNqaUdpServerTable

**OID: 1.3.6.1.4.1.25506.8.3.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaUdpServerIpAddress (1.3.6.1.4.1.25506.8.3.1.7.1.1) | not-accessible | Current | Only support ipv4 address. |
| hh3cNqaUdpServerPort (1.3.6.1.4.1.25506.8.3.1.7.1.2) | not-accessible | Current | Range from 1 to 65535 |
| hh3cNqaUdpServerRowStatus (1.3.6.1.4.1.25506.8.3.1.7.1.3) | read-create | Current | Only support active(1) ,createAndgo(4) and destroy(6) |

## hh3cNqaStatisticsCtlTable

**OID: 1.3.6.1.4.1.25506.8.3.1.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaCtlStatisticsInterval (1.3.6.1.4.1.25506.8.3.1.10.1.1) | read-create | Current | Range from 1 to 35791394(in minutes), default value is 60. |
| hh3cNqaCtlStatisticsGroupNumber (1.3.6.1.4.1.25506.8.3.1.10.1.2) | read-create | Current | Range from 0 to hh3cNqaStatsMaxGroupNumber,  default value is 2.  If the value of this object is 0, statistics will not be created. |
| hh3cNqaCtlStatisticsKeptTime (1.3.6.1.4.1.25506.8.3.1.10.1.3) | read-create | Current | Range from 1 to 1440(in minutes), default value is 120. |
| hh3cNqaCtlBeginTime (1.3.6.1.4.1.25506.8.3.1.10.1.4) | read-create | Current | Time format must be abided. The year is range from 2000 to 2035. |
| hh3cNqaCtlLifeTime (1.3.6.1.4.1.25506.8.3.1.10.1.5) | read-create | Current | Range from 1 to 2147483647 (in seconds), The value of 4294967295 means the test will never stop. |

## hh3cNqaStatisticsResultsTable

**OID: 1.3.6.1.4.1.25506.8.3.1.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaStatResIndex (1.3.6.1.4.1.25506.8.3.1.11.1.1) | not-accessible | No | As per MIB |
| hh3cNqaStatResIpTargetAddressType (1.3.6.1.4.1.25506.8.3.1.11.1.2) | read-only | No | As per MIB |
| hh3cNqaStatResIpTargetAddress (1.3.6.1.4.1.25506.8.3.1.11.1.3) | read-only | No | As per MIB |
| hh3cNqaStatResMinRtt (1.3.6.1.4.1.25506.8.3.1.11.1.4) | read-only | No | As per MIB |
| hh3cNqaStatResMaxRtt (1.3.6.1.4.1.25506.8.3.1.11.1.5) | read-only | No | As per MIB |
| hh3cNqaStatResAverageRtt (1.3.6.1.4.1.25506.8.3.1.11.1.6) | read-only | No | As per MIB |
| hh3cNqaStatResProbeResponses (1.3.6.1.4.1.25506.8.3.1.11.1.7) | read-only | No | As per MIB |
| hh3cNqaStatResSentProbes (1.3.6.1.4.1.25506.8.3.1.11.1.8) | read-only | No | As per MIB |
| hh3cNqaStatResRttSumOfSquares (1.3.6.1.4.1.25506.8.3.1.11.1.9) | read-only | No | As per MIB |
| hh3cNqaStatResStartTime (1.3.6.1.4.1.25506.8.3.1.11.1.10) | read-only | No | As per MIB |
| hh3cNqaStatResInterval (1.3.6.1.4.1.25506.8.3.1.11.1.11) | read-only | No | As per MIB |
| hh3cNqaStatResRttNumDisconnects (1.3.6.1.4.1.25506.8.3.1.11.1.12) | read-only | No | As per MIB |
| hh3cNqaStatResRttTimeouts (1.3.6.1.4.1.25506.8.3.1.11.1.13) | read-only | No | As per MIB |
| hh3cNqaStatResRttBusies (1.3.6.1.4.1.25506.8.3.1.11.1.14) | read-only | No | As per MIB |
| hh3cNqaStatResRttNoConnections (1.3.6.1.4.1.25506.8.3.1.11.1.15) | read-only | No | As per MIB |
| hh3cNqaStatResRttDrops (1.3.6.1.4.1.25506.8.3.1.11.1.16) | read-only | No | As per MIB |
| hh3cNqaStatResRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.11.1.17) | read-only | No | As per MIB |
| hh3cNqaStatResRttErrors (1.3.6.1.4.1.25506.8.3.1.11.1.18) | read-only | No | As per MIB |
| hh3cNqaStatResLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.11.1.19) | read-only | No | As per MIB |
| hh3cNqaStatResPacketLateArrival (1.3.6.1.4.1.25506.8.3.1.11.1.20) | read-only | No | As per MIB |
| hh3cNqaStatResRttSum (1.3.6.1.4.1.25506.8.3.1.11.1.21) | read-only | No | As per MIB |
| hh3cNqaStatResNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.22) | read-only | No | As per MIB |
| hh3cNqaStatResMinDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.23) | read-only | No | As per MIB |
| hh3cNqaStatResMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.24) | read-only | No | As per MIB |
| hh3cNqaStatResSumDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.25) | read-only | No | As per MIB |
| hh3cNqaStatResSum2DelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.26) | read-only | No | As per MIB |
| hh3cNqaStatResNumOfDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.27) | read-only | No | As per MIB |
| hh3cNqaStatResMinDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.28) | read-only | No | As per MIB |
| hh3cNqaStatResMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.29) | read-only | No | As per MIB |
| hh3cNqaStatResSumDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.30) | read-only | No | As per MIB |
| hh3cNqaStatResSum2DelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.31) | read-only | No | As per MIB |

## hh3cNqaGroupStatsJitterTable

**OID: 1.3.6.1.4.1.25506.8.3.1.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaStatJitterIndex (1.3.6.1.4.1.25506.8.3.1.12.1.1) | not-accessible | No | As per MIB |
| hh3cNqaStatJitterMinOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.2) | read-only | No | As per MIB |
| hh3cNqaStatJitterMaxOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.3) | read-only | No | As per MIB |
| hh3cNqaStatJitterNumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.4) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.5) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfSquarePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.6) | read-only | No | As per MIB |
| hh3cNqaStatJitterMinOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.7) | read-only | No | As per MIB |
| hh3cNqaStatJitterMaxOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.8) | read-only | No | As per MIB |
| hh3cNqaStatJitterNumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.9) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.10) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfSquareNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.11) | read-only | No | As per MIB |
| hh3cNqaStatJitterMinOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.12) | read-only | No | As per MIB |
| hh3cNqaStatJitterMaxOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.13) | read-only | No | As per MIB |
| hh3cNqaStatJitterNumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.14) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.15) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfSquarePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.16) | read-only | No | As per MIB |
| hh3cNqaStatJitterMinOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.17) | read-only | No | As per MIB |
| hh3cNqaStatJitterMaxOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.18) | read-only | No | As per MIB |
| hh3cNqaStatJitterNumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.19) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.20) | read-only | No | As per MIB |
| hh3cNqaStatJitterSumOfSquareNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.21) | read-only | No | As per MIB |
| hh3cNqaStatJitterPacketLossSD (1.3.6.1.4.1.25506.8.3.1.12.1.22) | read-only | No | As per MIB |
| hh3cNqaStatJitterPacketLossDS (1.3.6.1.4.1.25506.8.3.1.12.1.23) | read-only | No | As per MIB |
| hh3cNqaStatJitterAvePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.24) | read-only | No | As per MIB |
| hh3cNqaStatJitterAveNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.25) | read-only | No | As per MIB |
| hh3cNqaStatJitterAvePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.26) | read-only | No | As per MIB |
| hh3cNqaStatJitterAveNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.27) | read-only | No | As per MIB |
| hh3cNqaStatJitterPktLossUnknown (1.3.6.1.4.1.25506.8.3.1.12.1.28) | read-only | No | As per MIB |
| hh3cNqaStatJitterMaxOfICPIF (1.3.6.1.4.1.25506.8.3.1.12.1.29) | read-only | No | Only voice test is supported |
| hh3cNqaStatJitterMinOfICPIF (1.3.6.1.4.1.25506.8.3.1.12.1.30) | read-only | No | Only voice test is supported |
| hh3cNqaStatJitterMaxOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.31) | read-only | No | Only voice test is supported ,the value of this object is 100 times of the actual value |
| hh3cNqaStatJitterMinOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.32) | read-only | No | Only voice test is supported ,the value of this object is 100 times of the actual value |
| hh3cNqaStatJitterAveSD (1.3.6.1.4.1.25506.8.3.1.12.1.33) | read-only | No | As per MIB |
| hh3cNqaStatJitterAveDS (1.3.6.1.4.1.25506.8.3.1.12.1.34) | read-only | No | As per MIB |

## hh3cNqaReactionTable

**OID: 1.3.6.1.4.1.25506.8.3.1.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1) | accessible-for-notify | No | As per MIB |
| hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2) | accessible-for-notify | No | As per MIB |
| hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3) | accessible-for-notify | No | As per MIB |
| hh3cNqaReactCheckedElement (1.3.6.1.4.1.25506.8.3.1.13.1.4) | read-create | No | As per MIB |
| hh3cNqaReactThresholdUpperLimit (1.3.6.1.4.1.25506.8.3.1.13.1.5) | read-create | No | Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".  Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".  Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactThresholdLowerLimit (1.3.6.1.4.1.25506.8.3.1.13.1.6) | read-create | No | Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".  Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".  Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7) | read-create | No | The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds".  The value of this object can be set to "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterpacketloss".  The value of this object can be set to "average", "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probetime".  The value of this object can be set to "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probefailure".  The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterrtt".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactThresholdConsecNum (1.3.6.1.4.1.25506.8.3.1.13.1.8) | read-create | No | Ranges from 1 to 16 when the value of hh3cNqaReactCheckedElement is "probetime" or "probefailure".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactThresholdAccumNum (1.3.6.1.4.1.25506.8.3.1.13.1.9) | read-create | No | The object value range is 1 to 14999 if the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is ICMP-jitter or UDP-jitter.  The object value range is 1 to 59999 if the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is voice.  The object value range is 1 to 15000 if the value of hh3cNqaReactCheckedElement is "jitterpacketloss" or "jitterrtt" and the test type is ICMP-jitter or UDP-jitter.  The object value range is 1 to 60000 if the value of hh3cNqaReactCheckedElement is "jitterpacketloss" or "jitterrtt" and the test type is voice.  Ranges from 1 to 15 when the value of hh3cNqaReactCheckedElement is "probetime" or "probefailure".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactActionType (1.3.6.1.4.1.25506.8.3.1.13.1.10) | read-create | No | The value of this object can be set to "none" or "trapOnly" when the value of hh3cNqaReactCheckedElement is "icpif", "mos", "jittersd", "jitterds", "jitterpacketloss", "probetime" or "jitterrtt".  The value of this object can be set to "none", "trapOnly" or "triggerOnly" when the value of hh3cNqaReactCheckedElement is "probefailure".  The value of this object shouldn't be set in other cases. |
| hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11) | read-only | No | As per MIB |
| hh3cNqaReactRowStatus (1.3.6.1.4.1.25506.8.3.1.13.1.12) | read-create | No | As per MIB |
| hh3cNqaReactCheckedNum (1.3.6.1.4.1.25506.8.3.1.13.1.13) | read-only | No | As per MIB |
| hh3cNqaReactThresholdNum (1.3.6.1.4.1.25506.8.3.1.13.1.14) | read-only | No | As per MIB |

## hh3cNqaStatisticsReactionTable

**OID: 1.3.6.1.4.1.25506.8.3.1.14**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNqaStatReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.14.1.1) | not-accessible | No | As per MIB |
| hh3cNqaStatReactTestName (1.3.6.1.4.1.25506.8.3.1.14.1.2) | not-accessible | No | As per MIB |
| hh3cNqaStatReactIndex (1.3.6.1.4.1.25506.8.3.1.14.1.3) | not-accessible | No | As per MIB |
| hh3cNqaStatReactItemIndex (1.3.6.1.4.1.25506.8.3.1.14.1.4) | not-accessible | No | As per MIB |
| hh3cNqaStatReactCheckedNum (1.3.6.1.4.1.25506.8.3.1.14.1.5) | read-only | No | As per MIB |
| hh3cNqaStatReactThresholdNum (1.3.6.1.4.1.25506.8.3.1.14.1.6) | read-only | No | As per MIB |

## hh3cNqaTcpExtendServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.15

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cNqaTcpServerExtIpAddress (1.3.6.1.4.1.25506.8.3.1.15.1.1) | not-accessible | Current | As per MIB |
| hh3cNqaTcpServerExtPort (1.3.6.1.4.1.25506.8.3.1.15.1.2) | not-accessible | Current | Range from 1 to 65535 |
| hh3cNqaTcpServerExtVPNType (1.3.6.1.4.1.25506.8.3.1.15.1.3) | not-accessible | Current | Only support public(1) and vpn(2). |
| hh3cNqaTcpServerExtVPNInstance  (1.3.6.1.4.1.25506.8.3.1.15.1.4) | not-accessible | Current | The length of this object is from 0 to 31.  For set operation:  If the NQA server listens on the public network, the value of hh3cNqaTcpServerExtVPNType must be public(1) and the value of this object can be set to any non-printable character string.  If the NQA server listens on the private network, the value of hh3cNqaTcpServerExtVPNType must be vpn(2) and the value of this object can be set to any non-printable character string.  For get operation:  If the NQA server listens on the public network, the value of the objecet can be public |
| hh3cNqaTcpServerExtDSField (1.3.6.1.4.1.25506.8.3.1.15.1.5) | read-create | Current | As per MIB |
| hh3cNqaTcpServerExtRowStatus (1.3.6.1.4.1.25506.8.3.1.15.1.6) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6) |

## hh3cNqaUdpExtendServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.16

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| hh3cNqaUdpServerExtIpAddress (1.3.6.1.4.1.25506.8.3.1.16.1.1) | not-accessible | Current | As per MIB |
| hh3cNqaUdpServerExtPort (1.3.6.1.4.1.25506.8.3.1.16.1.2) | not-accessible | Current | Range from 1 to 65535 |
| hh3cNqaUdpServerExtVPNType (1.3.6.1.4.1.25506.8.3.1.16.1.3) | not-accessible | Current | Only support public(1) and vpn(2). |
| hh3cNqaUdpServerExtVPNInstance  (1.3.6.1.4.1.25506.8.3.1.16.1.4) | not-accessible | Current | The length of this object is from 0 to 31.  For set operation:  If the NQA server listens on the public network, the value of hh3cNqaUdpServerExtVPNType must be public(1) and the value of this object can be set to any non-printable character string.  If the NQA server listens on the private network, the value of hh3cNqaUdpServerExtVPNType must be vpn(2) and the value of this object can be set to any non-printable character string.  For get operation:  If the NQA server listens on the public network, the value of the objecet must be public. |
| hh3cNqaUdpServerExtDSField (1.3.6.1.4.1.25506.8.3.1.16.1.5) | read-create | Current | As per MIB |
| hh3cNqaUdpServerExtRowStatus (1.3.6.1.4.1.25506.8.3.1.16.1.6) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6) |

# HH3C-NTP-MIB

## hh3cNTPSystemMIB

**OID: 1.3.6.1.4.1.25506.8.22.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNTPSysLeap (1.3.6.1.4.1.25506.8.22.1.1.1) | read-only | Current | As per MIB |
| hh3cNTPSysStratum (1.3.6.1.4.1.25506.8.22.1.1.2) | read-only | Current | As per MIB |
| hh3cNTPSysPrecision (1.3.6.1.4.1.25506.8.22.1.1.3) | read-only | Current | As per MIB |
| hh3cNTPSysRootdelay (1.3.6.1.4.1.25506.8.22.1.1.4) | read-only | Current | As per MIB |
| hh3cNTPSysRootdispersion (1.3.6.1.4.1.25506.8.22.1.1.5) | read-only | Current | As per MIB |
| hh3cNTPSysRefid (1.3.6.1.4.1.25506.8.22.1.1.6) | read-only | Current | As per MIB |
| hh3cNTPSysReftime (1.3.6.1.4.1.25506.8.22.1.1.7) | read-only | Current | As per MIB |
| hh3cNTPSysPoll (1.3.6.1.4.1.25506.8.22.1.1.8) | read-only | Current | As per MIB |
| hh3cNTPSysPeer (1.3.6.1.4.1.25506.8.22.1.1.9) | read-only | Current | This node is replaced by hh3cNTPSysSrcPeer. |
| hh3cNTPSysState (1.3.6.1.4.1.25506.8.22.1.1.10) | read-only | Current | This is a integer indicating the state of local clock.Now clockBySet(2) is not supported. |
| hh3cNTPSysOffset (1.3.6.1.4.1.25506.8.22.1.1.11) | read-only | Current | As per MIB |
| hh3cNTPSysDrift (1.3.6.1.4.1.25506.8.22.1.1.12) | read-only | Current | As per MIB |
| hh3cNTPSysCompliance (1.3.6.1.4.1.25506.8.22.1.1.13) | read-only | Current | As per MIB |
| hh3cNTPSysClock (1.3.6.1.4.1.25506.8.22.1.1.14) | read-only | Current | As per MIB |
| hh3cNTPSysStabil (1.3.6.1.4.1.25506.8.22.1.1.15) | read-only | Current | As per MIB |
| hh3cNTPSysAuthenticate (1.3.6.1.4.1.25506.8.22.1.1.16) | read-write | Current | As per MIB |
| hh3cNTPSysPollSec  (1.3.6.1.4.1.25506.8.22.1.1.17) | read-write | Current | As per MIB |
| hh3cNTPSysClockSec  (1.3.6.1.4.1.25506.8.22.1.1.18) | read-only | Current | As per MIB |
| hh3cNTPServerIP  (1.3.6.1.4.1.25506.8.22.1.1.19) | read-write | Current | As per MIB |
| hh3cNTPSysSrcPeer (1.3.6.1.4.1.25506.8.22.1.1.20) | read-only | Current | As per MIB |

## hh3cNTPPeerTable

**OID: 1.3.6.1.4.1.25506.8.22.2.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cNTPPeerConfig (1.3.6.1.4.1.25506.8.22.2.1.1.1.1) | read-only | No | As per MIB |
| hh3cNTPPeerAuthenable (1.3.6.1.4.1.25506.8.22.2.1.1.1.2) | read-only | No | As per MIB |
| hh3cNTPPeerAuthentic (1.3.6.1.4.1.25506.8.22.2.1.1.1.3) | read-only | No | As per MIB |
| hh3cNTPPeerRemAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.4) | not-accessible | No | As per MIB |
| hh3cNTPPeerRemPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.5) | read-only | No | As per MIB |
| hh3cNTPPeerLocAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.6) | read-only | No | As per MIB |
| hh3cNTPPeerLocPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.7) | read-only | No | As per MIB |
| hh3cNTPPeerLeap (1.3.6.1.4.1.25506.8.22.2.1.1.1.8) | read-only | No | As per MIB |
| hh3cNTPPeerHMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.9) | not-accessible | No | As per MIB |
| hh3cNTPPeerStratum (1.3.6.1.4.1.25506.8.22.2.1.1.1.10) | read-only | No | As per MIB |
| hh3cNTPPeerPPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.11) | read-only | No | As per MIB |
| hh3cNTPPeerHPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.12) | read-only | No | As per MIB |
| hh3cNTPPeerPrecision (1.3.6.1.4.1.25506.8.22.2.1.1.1.13) | read-only | No | As per MIB |
| hh3cNTPPeerRootDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.14) | read-only | No | As per MIB |
| hh3cNTPPeerRootDispersion (1.3.6.1.4.1.25506.8.22.2.1.1.1.15) | read-only | No | As per MIB |
| hh3cNTPPeerRefId (1.3.6.1.4.1.25506.8.22.2.1.1.1.16) | read-only | No | As per MIB |
| hh3cNTPPeerRefTime (1.3.6.1.4.1.25506.8.22.2.1.1.1.17) | read-only | No | As per MIB |
| hh3cNTPPeerOrg (1.3.6.1.4.1.25506.8.22.2.1.1.1.18) | read-only | No | As per MIB |
| hh3cNTPPeerRec (1.3.6.1.4.1.25506.8.22.2.1.1.1.19) | read-only | No | As per MIB |
| hh3cNTPPeerXmt (1.3.6.1.4.1.25506.8.22.2.1.1.1.20) | read-only | No | As per MIB |
| hh3cNTPPeerReach (1.3.6.1.4.1.25506.8.22.2.1.1.1.21) | read-only | No | As per MIB |
| hh3cNTPPeerValid (1.3.6.1.4.1.25506.8.22.2.1.1.1.22) | read-only | No | As per MIB |
| hh3cNTPPeerTimer (1.3.6.1.4.1.25506.8.22.2.1.1.1.23) | read-only | No | As per MIB |
| hh3cNTPPeerDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.24) | read-only | No | As per MIB |
| hh3cNTPPeerOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.25) | read-only | No | As per MIB |
| hh3cNTPPeerJitter (1.3.6.1.4.1.25506.8.22.2.1.1.1.26) | read-only | No | As per MIB |
| hh3cNTPPeerDispersion (1.3.6.1.4.1.25506.8.22.2.1.1.1.27) | read-only | No | As per MIB |
| hh3cNTPPeerKeyId (1.3.6.1.4.1.25506.8.22.2.1.1.1.28) | read-only | No | As per MIB |
| hh3cNTPPeerFiltDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.29) | read-only | No | As per MIB |
| hh3cNTPPeerFiltOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.30) | read-only | No | As per MIB |
| hh3cNTPPeerFiltError (1.3.6.1.4.1.25506.8.22.2.1.1.1.31) | read-only | No | As per MIB |
| hh3cNTPPeerPMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.32) | read-only | No | As per MIB |
| hh3cNTPPeerReceived (1.3.6.1.4.1.25506.8.22.2.1.1.1.33) | read-only | No | As per MIB |
| hh3cNTPPeerSent (1.3.6.1.4.1.25506.8.22.2.1.1.1.34) | read-only | No | As per MIB |
| hh3cNTPPeerFlash (1.3.6.1.4.1.25506.8.22.2.1.1.1.35) | read-only | No | As per MIB |
| hh3cNTPPeerRowStatus (1.3.6.1.4.1.25506.8.22.2.1.1.1.36) | read-create | No | Now only support active, createAndGo and destroy. If the value of hh3cNTPPeerHMode is broadcast, broadcastclient or multicastclient, this node only support read operation. |

# HH3C-OSPF-MIB

## hh3cOspfNetworkTable

**OID: 1.3.6.1.4.1.25506.2.161.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cOspfProcessId (1.3.6.1.4.1.25506.2.161.1.1) | not-accessible | No | As per MIB |
| hh3cOspfAreaId (1.3.6.1.4.1.25506.2.161.1.2) | not-accessible | No | As per MIB |
| hh3cOspfNetworkIpAddr (1.3.6.1.4.1.25506.2.161.1.3) | not-accessible | No | As per MIB |
| hh3cOspfNetworkIpMask (1.3.6.1.4.1.25506.2.161.1.4) | read-only | No | As per MIB |

# HH3C-POSA-MIB

The HH3C-POSA-MIB is provide the definition of the POSA (Point of Sale Access) system.

## Scalar objects

**OID: 1.3.6.1.4.1.25506.2.92.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaServerEnable (1.3.6.1.4.1.25506.2.92.1.1) | read-write | Current | As per MIB |
| hh3cPosaFcmAnswerTimeout (1.3.6.1.4.1.25506.2.92.1.2) | read-write | Current | As per MIB |
| hh3cPosaFcmTradeTimeout (1.3.6.1.4.1.25506.2.92.1.3) | read-write | Current | As per MIB |
| hh3cPosaFcmIdleTimeout (1.3.6.1.4.1.25506.2.92.1.4) | read-write | Current | As per MIB |
| hh3cPosaSrvStateChangeTrapEnable  (1.3.6.1.4.1.25506.2.92.1.5) | read-write | Current | As per MIB |
| hh3cPosaAppStateChangeTrapEnable  (1.3.6.1.4.1.25506.2.92.1.6) | read-write | Current | As per MIB |
| hh3cPosaTerminalHangUpTrapEnable  (1.3.6.1.4.1.25506.2.92.1.7) | read-write | Current | As per MIB |
| hh3cPosaFcmLnkNegoFailTrapEnable  (1.3.6.1.4.1.25506.2.92.1.8) | read-write | Current | As per MIB |
| hh3cPosaFcmPhyNegoFailTrapEnable  (1.3.6.1.4.1.25506.2.92.1.9) | read-write | Current | As per MIB |
| hh3cPosaTcpConnectionNumber  (1.3.6.1.4.1.25506.2.92.1.10) | read-write | Current | As per MIB, the scope is 1..4096 |
| hh3cPosaFcmConnectionNumber  (1.3.6.1.4.1.25506.2.92.1.11) | read-write | Current | As per MIB, the scope is 1..255 |
| hh3cPosaTcpConnectionThreshold  (1.3.6.1.4.1.25506.2.92.1.12) | read-write | Current | As per MIB. |
| hh3cPosaFcmConnectionThreshold  (1.3.6.1.4.1.25506.2.92.1.13) | read-write | Current | As per MIB. |
| hh3cPosaTcpConnectionTrapEnable  (1.3.6.1.4.1.25506.2.92.1.14) | read-write | Current | As per MIB. |
| hh3cPosaFcmConnectionTrapEnable  (1.3.6.1.4.1.25506.2.92.1.15) | read-write | Current | As per MIB |
| hh3cPosaTcpTradeLimit  (1.3.6.1.4.1.25506.2.92.1.16) | read-write | Current | As per MIB, the scope is 0..65535. |
| hh3cPosaTcpTradeTrapEnable  (1.3.6.1.4.1.25506.2.92.1.17) | read-write | Current | As per MIB |
| hh3cPosaTcpTradeTimeout  (1.3.6.1.4.1.25506.2.92.1.18) | read-write | Current | As per MIB, the scope is 1..240. |

## hh3cPosaAppTable

**OID: 1.3.6.1.4.1.25506. 2.92.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaAppID (1.3.6.1.4.1.25506.2.92.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cPosaAppServiceType (1.3.6.1.4.1.25506.2.92.2.1.1.2) | read-create | Current | Not support write operation |
| hh3cPosaAppIfIndex (1.3.6.1.4.1.25506.2.92.2.1.1.3) | read-create | Current | Not support write operation |
| hh3cPosaAppMode (1.3.6.1.4.1.25506.2.92.2.1.1.4) | read-create | Current | As per MIB |
| hh3cPosaAppHostIPType (1.3.6.1.4.1.25506.2.92.2.1.1.5) | read-create | Current | As per MIB |
| hh3cPosaAppHostIP (1.3.6.1.4.1.25506.2.92.2.1.1.6) | read-create | Current | As per MIB |
| hh3cPosaAppHostPort (1.3.6.1.4.1.25506.2.92.2.1.1.7) | read-create | Current | As per MIB |
| hh3cPosaAppRouterIPType (1.3.6.1.4.1.25506.2.92.2.1.1.8) | read-create | Current | As per MIB |
| hh3cPosaAppRouterIP (1.3.6.1.4.1.25506.2.92.2.1.1.9) | read-create | Current | As per MIB |
| hh3cPosaAppKeepAliveInterval (1.3.6.1.4.1.25506.2.92.2.1.1.10) | read-create | Current | As per MIB |
| hh3cPosaAppKeepAliveCount (1.3.6.1.4.1.25506.2.92.2.1.1.11) | read-create | Current | As per MIB |
| hh3cPosaAppConnectTimeout (1.3.6.1.4.1.25506.2.92.2.1.1.12) | read-create | Current | As per MIB |
| hh3cPosaAppState (1.3.6.1.4.1.25506.2.92.2.1.1.13) | read-only | No | The current running state of application server.  The current running status of a POS terminal.  down(2) The interface connecting with the peer is down.  up(3) The interface connecting with the peer is up.  kept(4) The connection between router and the peer is not established.  linking(5) The connection between router and the peer is establishing.  linked(6) The connection between router and the peer is established.  multilink(7) There are multiple connections between router and the peer.  blocked(8) The connection between router and the peer is unreachable.  error(9) Enable failed.  The status of down(2) up(3) and error(9) appear when hh3cPosaAppServiceType is flow(2).  The status of kept(4), linking(5), linked(6), multilink(7) and blocked(8) appear only when hh3cPosaAppServiceType is tcp(1). |
| hh3cPosaAppRowStatus (1.3.6.1.4.1.25506.2.92.2.1.1.14) | read-create | No | Now support three state: CreateAndGo, Active, Destroy. |
| hh3cPosaAppName  (1.3.6.1.4.1.25506.2.92.2.1.1.15) | read-create | Current | As per MIB |
| hh3cPosaCallerIDTransEnable  (1.3.6.1.4.1.25506.2.92.2.1.1.16) | read-create | Current | As per MIB |
| hh3cPosaTpduChangeStrategy  (1.3.6.1.4.1.25506.2.92.2.1.1.17) | read-create | Current | As per MIB |
| hh3cPosaBackupAppID  (1.3.6.1.4.1.25506.2.92.2.1.1.18) | read-create | Current | As per MIB |
| hh3cPosaQuietTimeOut  (1.3.6.1.4.1.25506.2.92.2.1.1.19) | read-create | Current | As per MIB |
| hh3cPosaAppHello (1.3.6.1.4.1.25506.2.92.2.1.1.20) | read-create | Current | As per MIB |
| hh3cPosaAppHelloInterval  (1.3.6.1.4.1.25506.2.92.2.1.1.21) | read-create | Current | As per MIB |
| hh3cPosaAppRouterPort  (1.3.6.1.4.1.25506.2.92.2.1.1.22) | read-create | Current | Value between [4000, 4999] and 0, 0 Indicates not to specify the source port. The default value is 0. |

## hh3cPosaTerminalTable

**OID: 1.3.6.1.4.1.25506.2.92.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaTerminalID (1.3.6.1.4.1.25506.2.92.2.2.1.1) | not-accessible | Current | As per MIB |
| hh3cPosaTerminalAccessType (1.3.6.1.4.1.25506.2.92.2.2.1.2) | read-create | Current | Not support write operation |
| hh3cPosaTerminalIfIndex (1.3.6.1.4.1.25506.2.92.2.2.1.3) | read-create | Current | Not support write operation |
| hh3cPosaTerminalTransAppID (1.3.6.1.4.1.25506.2.92.2.2.1.4) | read-create | Current | Not support write operation |
| hh3cPosaTerminalListenPort (1.3.6.1.4.1.25506.2.92.2.2.1.5) | read-create | Current | Not support write operation |
| hh3cPosaTerminalState (1.3.6.1.4.1.25506.2.92.2.2.1.6) | read-only | No | The current running status of a POS terminal.  down(2) The interface connecting with the peer is down.  up(3) The interface connecting with the peer is up.  kept(4) The connection between router and the peer is not established.  linked(6) The connection between router and the peer is established.  multilink(7) There are multiple connections between router and the peer.  error(9) Enable failed.  The status of down(2) and up(3) appear only when hh3cPosaTerminalAccessType is flow(2) or fcm(1).  The status of kept(4), linked(6) and multilink(7) appear only when hh3cPosaTerminalAccessType is tcp(3). |
| hh3cPosaTerminalRowStatus (1.3.6.1.4.1.25506.2.92.2.2.1.7) | read-create | No | Now support three state: CreateAndGo, Active, Destroy. |
| hh3cPosaTerminalName  (1.3.6.1.4.1.25506.2.92.2.2.1.8) | read-create | No | As per MIB |
| hh3cPosaTerminalCfgIfIndex  (1.3.6.1.4.1.25506.2.92.2.2.1.9) | read-only | No | As per MIB |

## hh3cPosaMapTable

**OID: 1.3.6.1.4.1.25506.2.92.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaMapDestCode (1.3.6.1.4.1.25506.2.92.2.3.1.1) | not-accessible | Current | As per MIB |
| hh3cPosaMapAppID (1.3.6.1.4.1.25506.2.92.2.3.1.2) | read-create | Current | Not support write operation |
| hh3cPosaMapRowStatus (1.3.6.1.4.1.25506.2.92.2.3.1.3) | read-create | No | Now support three state: CreateAndGo, Active, Destroy. |
| hh3cPosaMapSrcCode  (1.3.6.1.4.1.25506.2.92.2.3.1.4) | not-accessible | Current | As per MIB |

## hh3cPosaFcmStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaFcmStatIfIndex (1.3.6.1.4.1.25506.2.92.2.4.1.1) | not-accessible | No | As per MIB |
| hh3cPosaFcmStatTimeoutCnts (1.3.6.1.4.1.25506.2.92.2.4.1.2) | read-only | No | As per MIB |
| hh3cPosaFcmStatConnectFailCnts (1.3.6.1.4.1.25506.2.92.2.4.1.3) | read-only | No | As per MIB |
| hh3cPosaFcmStatTransCnts(1.3.6.1.4.1.25506.2.92.2.4.1.4) | read-only | No | As per MIB |
| hh3cPosaFcmStatTransSuccessCnts(1.3.6.1.4.1.25506.2.92.2.4.1.5) | read-only | No | As per MIB |
| hh3cPosaFcmStatTransCntsClear(1.3.6.1.4.1.25506.2.92.2.4.1.6) | read-write | No | As per MIB |

## hh3cPosaAppStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaAppRecvPkts (1.3.6.1.4.1.25506.2.92.2.5.1.1) | read-only | No | As per MIB |
| hh3cPosaAppSendPkts (1.3.6.1.4.1.25506.2.92.2.5.1.2) | read-only | No | As per MIB |
| hh3cPosaAppErrPkts (1.3.6.1.4.1.25506.2.92.2.5.1.3) | read-only | No | As per MIB |
| hh3cPosaAppDistributeErrCnts (1.3.6.1.4.1.25506.2.92.2.5.1.4) | read-only | No | As per MIB |
| hh3cPosaAppInDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.5.1.5) | read-only | No | As per MIB |
| hh3cPosaAppOutDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.5.1.6) | read-only | No | As per MIB |

## hh3cPosaTerminalStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaTerminalRecvPkts (1.3.6.1.4.1.25506.2.92.2.6.1.1) | read-only | No | As per MIB |
| hh3cPosaTerminalSendPkts (1.3.6.1.4.1.25506.2.92.2.6.1.2) | read-only | No | As per MIB |
| hh3cPosaTerminalErrPkts (1.3.6.1.4.1.25506.2.92.2.6.1.3) | read-only | No | As per MIB |
| hh3cPosaTerminalMapErrCnts (1.3.6.1.4.1.25506.2.92.2.6.1.4) | read-only | No | As per MIB |
| hh3cPosaTerminalInDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.6.1.5) | read-only | No | As per MIB |
| hh3cPosaTerminalOutDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.6.1.6) | read-only | No | As per MIB |
| hh3cPosaTermianlTcpConnectionNumber  (1.3.6.1.4.1.25506.2.92.2.6.1.7) | read-only | No | As per MIB |

## hh3cPosaBatchTerminalTable

**OID: 1.3.6.1.4.1.25506.2.92.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaBatchTerminalFirstID  (1.3.6.1.4.1.25506.2.92.2.7.1.1) | read-create | Current | It is not configured now. |
| hh3cPosaBatchTerminalRowStatus  (1.3.6.1.4.1.25506.2.92.2.7.1.2) | read-create | Current | It is not configured now. |

## hh3cPosaTcpTermStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaTcpTermStatIndex  (1.3.6.1.4.1.25506.2.92.2.8.1.1) | not-accessible | Current | As per MIB |
| hh3cPosaTcpTermStatIPType  (1.3.6.1.4.1.25506.2.92.2.8.1.2) | read-create | Current | Not support write operation |
| hh3cPosaTcpTermStatIP  (1.3.6.1.4.1.25506.2.92.2.8.1.3) | read-create | Current | Not support write operation |
| hh3cPosaTcpTermStatIPMask  (1.3.6.1.4.1.25506.2.92.2.8.1.4) | read-create | Current | Not support write operation |
| hh3cPosaTcpTermRecvPkts  (1.3.6.1.4.1.25506.2.92.2.8.1.5) | read-only | No | As per MIB |
| hh3cPosaTcpTermSendPkts  (1.3.6.1.4.1.25506.2.92.2.8.1.6) | read-only | No | As per MIB |
| hh3cPosaTcpTermErrPkts  (1.3.6.1.4.1.25506.2.92.2.8.1.7) | read-only | No | As per MIB |
| hh3cPosaTcpTermMapErrCnts  (1.3.6.1.4.1.25506.2.92.2.8.1.8) | read-only | No | As per MIB |
| hh3cPosaTcpTermInDiscardedPkts  (1.3.6.1.4.1.25506.2.92.2.8.1.9) | read-only | No | As per MIB |
| hh3cPosaTcpTermOutDiscardedPkts  (1.3.6.1.4.1.25506.2.92.2.8.1.10) | read-only | No | As per MIB |
| hh3cPosaTcpTermStatRowStatus  (1.3.6.1.4.1.25506.2.92.2.8.1.11) | read-create | No | As per MIB, only support CreateAndGo, Active, Destroy |

## hh3cPosaFcmConfTable

**OID: 1.3.6.1.4.1.25506.2.92.2.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaFcmNegoHookOff  (1.3.6.1.4.1.25506.2.92.2.9.1.1) | read-write | Current | As per MIB |
| hh3cPosaFcmNegoSilence  (1.3.6.1.4.1.25506.2.92.2.9.1.2) | read-write | Current | As per MIB |
| hh3cPosaFcmNegoScrmbBinary1  (1.3.6.1.4.1.25506.2.92.2.9.1.3) | read-write | Current | As per MIB |
| hh3cPosaFcmNegoUnscrmbBinary1  (1.3.6.1.4.1.25506.2.92.2.9.1.4) | read-write | Current | As per MIB |
| hh3cPosaFcmThresholdRlsdOff  (1.3.6.1.4.1.25506.2.92.2.9.1.5) | read-write | Current | As per MIB |
| hh3cPosaFcmThresholdRlsdOn  (1.3.6.1.4.1.25506.2.92.2.9.1.6) | read-write | Current | As per MIB |
| hh3cPosaFcmThresholdTxPower  (1.3.6.1.4.1.25506.2.92.2.9.1.7) | read-write | Current | As per MIB |
| hh3cPosaFcmThresholdAnswerTone  (1.3.6.1.4.1.25506.2.92.2.9.1.8) | read-write | Current | As per MIB |

## hh3cPosaCallerStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaCallerStatCallerID (1.3.6.1.4.1.25506.2.92.210.3.1.2) | not-accessible | Current | As per MIB |
| hh3cPosaCallerRecvPkts (1.3.6.1.4.1.25506.2.92.210.3.1.4) | read-only | No | As per MIB |
| hh3cPosaCallerSendPkts (1.3.6.1.4.1.25506.2.92.210.3.1.5) | read-only | No | As per MIB |
| hh3cPosaCallerErrPkts (1.3.6.1.4.1.25506.2.92.210.3.1.6) | read-only | No | As per MIB |
| hh3cPosaCallerMapErrCnts  (1.3.6.1.4.1.25506.2.92.210.3.1.7) | read-only | No | As per MIB |
| hh3cPosaCallerInDiscardedPkts  (1.3.6.1.4.1.25506.2.92.210.3.1.8) | read-only | No | As per MIB |
| hh3cPosaCallerOutDiscardedPkts  (1.3.6.1.4.1.25506.2.92.210.3.1.9) | read-only | No | As per MIB |
| hh3cPosaCallerStatRowStatus  (1.3.6.1.4.1.25506.2.92.210.3.1.10) | read-create | No | Now support three state: CreateAndGo, Active, Destroy. |

## hh3cPosaNiiStatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaNiiStatIndex (1.3.6.1.4.1.25506.2.92.2.11.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cPosaNiiRecvPkts (1.3.6.1.4.1.25506.2.92.2.11.1.2) | read-only | No | As per MIB |
| hh3cPosaNiiSendPkts (1.3.6.1.4.1.25506.2.92.2.11.1.3) | read-only | No | As per MIB |
| hh3cPosaNiiSuccessTradeCnt (1.3.6.1.4.1.25506.2.92.2.11.1.4) | read-only | No | As per MIB |
| hh3cPosaNiiTradeCnt (1.3.6.1.4.1.25506.2.92.2.11.1.5) | read-only | No | As per MIB |

## hh3cPosaE1StatTable

**OID: 1.3.6.1.4.1.25506.2.92.2.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosaE1StatIndex (1.3.6.1.4.1.25506.2.92.2.12.1.1) | not-accessible | Current | As per MIB |
| hh3cPosaE1DialCnt (1.3.6.1.4.1.25506.2.92.2.12.1.2) | read-only | No | As per MIB |
| hh3cPosaE1DialSuccess (1.3.6.1.4.1.25506.2.92.2.12.1.3) | read-only | No | As per MIB |
| hh3cPosaE1RecvPkts (1.3.6.1.4.1.25506.2.92.2.12.1.4) | read-only | No | As per MIB |
| hh3cPosaE1SendPkts (1.3.6.1.4.1.25506.2.92.2.12.1.5) | read-only | No | As per MIB |
| hh3cPosaE1ErrPkts (1.3.6.1.4.1.25506.2.92.2.12.1.6) | read-only | No | As per MIB |
| hh3cPosaE1MapErrCnts (1.3.6.1.4.1.25506.2.92.2.12.1.7) | read-only | No | As per MIB |
| hh3cPosaE1InDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.12.1.8) | read-only | No | As per MIB |
| hh3cPosaE1OutDiscardedPkts (1.3.6.1.4.1.25506.2.92.2.12.1.9) | read-only | No | As per MIB |

# HH3C-POWER-ETH-EXT-MIB

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPseAutoDetectActive (1.3.6.1.4.1.25506.2.14.3) | read-write | Current | Not supported |
| hh3cPsePowerMaxValue (1.3.6.1.4.1.25506.2.14.5) | read-write | Current | Not supported |
| hh3cPOEThresholdACMimimum (1.3.6.1.4.1.25506.2.14.8.1.1) | read-write | Current | Not supported |
| hh3cPOEThresholdACMaximum (1.3.6.1.4.1.25506.2.14.8.1.2) | read-write | Current | Not supported |
| hh3cPOEThresholdDCMinimum (1.3.6.1.4.1.25506.2.14.8.1.3) | read-write | Current | Not supported |
| hh3cPOEThresholdDCMaximum (1.3.6.1.4.1.25506.2.14.8.1.4) | read-write | Current | Not supported |
| hh3cPOEPowerType (1.3.6.1.4.1.25506.2.14.8.2.1) | read-only | No | Not supported |
| hh3cPOEPowerModuleNum (1.3.6.1.4.1.25506.2.14.8.2.2) | read-only | No | Not supported |
| hh3cPOESupervisionModuleName (1.3.6.1.4.1.25506.2.14.8.2.3) | read-only | No | Not supported |
| hh3cPOESMMajorVersion (1.3.6.1.4.1.25506.2.14.8.2.4) | read-only | No | Not supported |
| hh3cPOESMMinorVersion (1.3.6.1.4.1.25506.2.14.8.2.5) | read-only | No | Not supported |
| hh3cPOESMFactorName (1.3.6.1.4.1.25506.2.14.8.2.6) | read-only | No | Not supported |
| hh3cPOEDCOutStateModuleNum (1.3.6.1.4.1.25506.2.14.8.3.1) | read-only | No | Not supported |
| hh3cPOEDCOutCurNum (1.3.6.1.4.1.25506.2.14.8.4.1) | read-only | No | Not supported |
| hh3cPOEACSwitchStateModuleNum (1.3.6.1.4.1.25506.2.14.8.5.1) | read-only | No | Not supported |
| hh3cPOEInCurStateModuleNum (1.3.6.1.4.1.25506.2.14.8.6.1) | read-only | No | Not supported |
| hh3cPOEInCurAState (1.3.6.1.4.1.25506.2.14.8.6.2) | read-only | No | Not supported |
| hh3cPOEInCurBState (1.3.6.1.4.1.25506.2.14.8.6.3) | read-only | No | Not supported |
| hh3cPOEInCurCState (1.3.6.1.4.1.25506.2.14.8.6.4) | read-only | No | Not supported |
| hh3cPOEAlarmStateModuleNum (1.3.6.1.4.1.25506.2.14.8.7.1) | read-only | No | Not supported |
| hh3cPsePolicyMode (1.3.6.1.4.1.25506.2.14.9) | read-write | Current | As per MIB |
| hh3cPDPolicyMode (1.3.6.1.4.1.25506.2.14.10) | read-write | Current | As per MIB |

## hh3cPsePortTable

**OID: 1.3.6.1.4.1.25506.2.14.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPsePortFaultDescription (1.3.6.1.4.1.25506.2.14.1.1.2) | read-write | No | Not supported |
| hh3cPsePortPeakPower (1.3.6.1.4.1.25506.2.14.1.1.3) | read-write | No | As per MIB |
| hh3cPsePortAveragePower (1.3.6.1.4.1.25506.2.14.1.1.4) | read-write | No | As per MIB |
| hh3cPsePortCurrentPower (1.3.6.1.4.1.25506.2.14.1.1.5) | read-only | No | As per MIB |
| hh3cPsePortPowerLimit (1.3.6.1.4.1.25506.2.14.1.1.6) | read-write | Current | As per MIB |
| hh3cPsePortProfileIndex (1.3.6.1.4.1.25506.2.14.1.1.7) | read-write | Current | As per MIB |

## hh3cMainPseTable

**OID: 1.3.6.1.4.1.25506.2.14.2**

This table is not supported in MDC.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cMainPsePowerLimit (1.3.6.1.4.1.25506.2.14.2.1.1 | read-write | Current | As per MIB |
| hh3cMainPseAveragePower (1.3.6.1.4.1.25506.2.14.2.1.2) | read-write | No | As per MIB |
| hh3cMainPsePeakPower (1.3.6.1.4.1.25506.2.14.2.1.3) | read-write | No | As per MIB |
| hh3cMainGuaranteedPowerRemaining (1.3.6.1.4.1.25506.2.14.2.1.4) | read-only | No | As per MIB |
| hh3cMainPsePriorityMode (1.3.6.1.4.1.25506.2.14.2.1.5) | read-write | Current | Not supported |
| hh3cMainPseLegacy (1.3.6.1.4.1.25506.2.14.2.1.6) | read-write | Current | As per MIB |
| hh3cMainPsePowerPriority (1.3.6.1.4.1.25506.2.14.2.1.7) | read-write | Current | As per MIB |

## hh3cPseProfilesTable

**OID: 1.3.6.1.4.1.25506.2.14.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPseProfileIndex (1.3.6.1.4.1.25506.2.14.7.1.1) | not-accessible | No | As per MIB |
| hh3cPseProfileName (1.3.6.1.4.1.25506.2.14.7.1.2) | read-create | Current | As per MIB |
| hh3cPseProfilePowerMode (1.3.6.1.4.1.25506.2.14.7.1.3) | read-create | Current | As per MIB |
| hh3cPseProfilePowerLimit (1.3.6.1.4.1.25506.2.14.7.1.4) | read-create | Current | As per MIB |
| hh3cPseProfilePriority (1.3.6.1.4.1.25506.2.14.7.1.5) | read-create | Current | As per MIB |
| hh3cPseProfilePairs (1.3.6.1.4.1.25506.2.14.7.1.6) | read-only | Current | As per MIB |
| hh3cPseProfileApplyNum (1.3.6.1.4.1.25506.2.14.7.1.7) | read-only | No | As per MIB |
| hh3cPseProfileRowStatus (1.3.6.1.4.1.25506.2.14.7.1.8) | read-create | Current | Only used to create poe-profile or delete poe-profile. |

## hh3cPOEModuleInfoTable

**OID: 1.3.6.1.4.1.25506.2.14.8.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOEModuleIndex (1.3.6.1.4.1.25506.2.14.8.2.7.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOEModuleID (1.3.6.1.4.1.25506.2.14.8.2.7.1.2) | read-only | No | Not supported |
| hh3cPOEModuleInfoPower (1.3.6.1.4.1.25506.2.14.8.2.7.1.3) | read-only | No | Not supported |
| hh3cPOEModuleHardVerInfo (1.3.6.1.4.1.25506.2.14.8.2.7.1.4) | read-only | No | Not supported |

## hh3cPOEDCOutStateTable

**OID: 1.3.6.1.4.1.25506.2.14.8.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOEDCOutStateIndex (1.3.6.1.4.1.25506.2.14.8.3.2.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOEDCOutDCVolAlarm (1.3.6.1.4.1.25506.2.14.8.3.2.1.2) | read-only | No | Not supported |

## hh3cPOEDCOutInfoTable

**OID: 1.3.6.1.4.1.25506.2.14.8.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOEDCOutInfoIndex (1.3.6.1.4.1.25506.2.14.8.4.2.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOEDCOutVol (1.3.6.1.4.1.25506.2.14.8.4.2.1.2) | read-only | No | Not supported |
| hh3cPOEDCOutInfoLoadCur (1.3.6.1.4.1.25506.2.14.8.4.2.1.3) | read-only | No | Not supported |

## hh3cPOEACSwitchStateTable

**OID: 1.3.6.1.4.1.25506.2.14.8.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOEACSwitchStateIndex (1.3.6.1.4.1.25506.2.14.8.5.2.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOEACSwitchState (1.3.6.1.4.1.25506.2.14.8.5.2.1.2) | read-only | No | Not supported |

## hh3cPOESwitchStateVolExTable

**OID: 1.3.6.1.4.1.25506.2.14.8.6.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOESwitchStateVolExIndex (1.3.6.1.4.1.25506.2.14.8.6.5.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOESwitchStateInVolAB (1.3.6.1.4.1.25506.2.14.8.6.5.1.2) | read-only | No | Not supported |
| hh3cPOESwitchStateInVolBC (1.3.6.1.4.1.25506.2.14.8.6.5.1.3) | read-only | No | Not supported |
| hh3cPOESwitchStateInVolCA (1.3.6.1.4.1.25506.2.14.8.6.5.1.4) | read-only | No | Not supported |

## hh3cPOEAlarmStateInfoTable

**OID: 1.3.6.1.4.1.25506.2.14.8.7.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1) | accessible-for-notify | No | Not supported |
| hh3cPOEModuleDisconnect (1.3.6.1.4.1.25506.2.14.8.7.2.1.2) | read-only | No | Not supported |
| hh3cPOEModuleInputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.3) | read-only | No | Not supported |
| hh3cPOEModuleOutputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.4) | read-only | No | Not supported |
| hh3cPOEModuleOverVoltage (1.3.6.1.4.1.25506.2.14.8.7.2.1.5) | read-only | No | Not supported |
| hh3cPOEModuleOverTemp (1.3.6.1.4.1.25506.2.14.8.7.2.1.6) | read-only | No | Not supported |
| hh3cPOEModuleFanError (1.3.6.1.4.1.25506.2.14.8.7.2.1.7) | read-only | No | Not supported |
| hh3cPOEModuleShutdown (1.3.6.1.4.1.25506.2.14.8.7.2.1.8) | read-only | No | Not supported |
| hh3cPOEModuleCurRestricted (1.3.6.1.4.1.25506.2.14.8.7.2.1.9) | read-only | No | Not supported |

# HH3C-PPP-OVER-SONET-MIB

## hh3cPosParamTable

The table only supports POS physical port and POS subchannel.

**OID: 1.3.6.1.4.1.25506.2.19.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPosCRC  (1.3.6.1.4.1.25506.2.19.1.1.1.1) | read-write | Current | As per MIB |
| hh3cPosMTU  (1.3.6.1.4.1.25506.2.19.1.1.1.2) | read-write | Current | As per MIB.  The range is from 128 to 1650. |
| hh3cPosScramble  (1.3.6.1.4.1.25506.2.19.1.1.1.3) | read-write | Current | As per MIB |
| hh3cPosClockSource  (1.3.6.1.4.1.25506.2.19.1.1.1.4) | read-write | Current | As per MIB |
| hh3cPosSdhFlagJ0  (1.3.6.1.4.1.25506.2.19.1.1.1.5) | read-write | Current | As per MIB |
| hh3cPosSdhFlagJ1  (1.3.6.1.4.1.25506.2.19.1.1.1.6) | read-write | Current | As per MIB. |
| hh3cPosSonetFlagJ0  (1.3.6.1.4.1.25506.2.19.1.1.1.7) | read-write | Current | The default value is 1 |
| hh3cPosSonetFlagJ1  (1.3.6.1.4.1.25506.2.19.1.1.1.8) | read-write | Current | As per MIB |
| hh3cPosFlagC2  (1.3.6.1.4.1.25506.2.19.1.1.1.9) | read-write | Current | As per MIB |
| hh3cPosFrameType  (1.3.6.1.4.1.25506.2.19.1.1.1.10) | read-write | Current | Change hh3cPosSdhFlagJ0/ hh3cPosSonetFlagJ0/ hh3cPosSdhFlagJ1/ hh3cPosSonetFlagJ1 to default value when this object changes, and only support POS physical port. |
| hh3cPosBindVlanId  (1.3.6.1.4.1.25506.2.19.1.1.1.11) | read-write | Current | Not supported. The value is always 0. |
| hh3cPosEncapsulation  (1.3.6.1.4.1.25506.2.19.1.1.1.12) | read-write | Current | As per MIB |
| hh3cPoskeepaliveTimeout  (1.3.6.1.4.1.25506.2.19.1.1.1.13) | read-write | Current | The default value is 10. |
| hh3cPosBERthresholdSF  (1.3.6.1.4.1.25506.2.19.1.1.1.14) | read-write | Current | Not supported |
| hh3cPosBERthresholdSD  (1.3.6.1.4.1.25506.2.19.1.1.1.15) | read-write | Current | Not supported |
| hh3cPosB1Error  (1.3.6.1.4.1.25506.2.19.1.1.1.16) | read-only | No | Not supported. The value is always 0. |
| hh3cPosB2Error  (1.3.6.1.4.1.25506.2.19.1.1.1.17) | read-only | No | Not supported. The value is always 0. |
| hh3cPosB3Error  (1.3.6.1.4.1.25506.2.19.1.1.1.18) | read-only | No | Not supported. The value is always 0. |
| hh3cPosM1Error  (1.3.6.1.4.1.25506.2.19.1.1.1.19) | read-only | No | Not supported. The value is always 0. |
| hh3cPosG1Error  (1.3.6.1.4.1.25506.2.19.1.1.1.20) | read-only | No | Not supported. Ther value is always 0. |
| hh3cPosFlagJ0Type  (1.3.6.1.4.1.25506.2.19.1.1.1.21) | read-write | Current | hh3cPosFrameType. |
| hh3cPosFlagJ1Type  (1.3.6.1.4.1.25506.2.19.1.1.1.22) | read-write | Current | hh3cPosFrameType. |
| hh3cPosB1TCAThreshold  (1.3.6.1.4.1.25506.2.19.1.1.1.23) | read-write | Current | Not supported. |
| hh3cPosB2TCAThreshold  (1.3.6.1.4.1.25506.2.19.1.1.1.24) | read-write | Current | Not supported. |
| hh3cPosB3TCAThreshold  (1.3.6.1.4.1.25506.2.19.1.1.1.25) | read-write | Current | Not supported. |
| hh3cPosB1TCAEnable  (1.3.6.1.4.1.25506.2.19.1.1.1.26) | read-write | Current | Not supported. |
| hh3cPosB2TCAEnable  (1.3.6.1.4.1.25506.2.19.1.1.1.27) | read-write | Current | Not supported. |
| hh3cPosB3TCAEnable  (1.3.6.1.4.1.25506.2.19.1.1.1.28) | read-write | Current | Not supported. |

# HH3C-PVST-MIB

This MIB module is used for managing devices that support Per-VLAN Spanning Tree (PVST).

## hh3cPvstVlanConfigTable

**OID: 1.3.6.1.4.1.25506.2.131.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPvstVlanID (1.3.6.1.4.1.25506.2.131.1.1.1.1) | read-only | Current | Not supported. |

## hh3cPvstVlanPortConfigTable

**OID: 1.3.6.1.4.1.25506.2.131.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cPvstPortVlanID (1.3.6.1.4.1.25506.2.131.1.2.1.1) | read-only | Current | Not supported. |
| hh3cPvstPortIndex (1.3.6.1.4.1.25506.2.131.1.2.1.2) | read-only | Current | Not supported. |

# HH3C-QINQV2-MIB

This mib is used for devices which support QINQ feature.

## hh3cQinQv2ScalarObjects

**OID: 1.3.6.1.4.1.25506.2.137.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cQinQv2ServiceTPID (1.3.6.1.4.1.25506.2.137.1.1.1) | read-write | Current | Only supported read operation |
| hh3cQinQv2CustomerTPID (1.3.6.1.4.1.25506.2.137.1.1.2) | read-write | Current | As per MIB |

## hh3cQinQv2IfConfigTable

**OID: 1.3.6.1.4.1.25506.2.137.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cQinQv2IfState (1.3.6.1.4.1.25506.2.137.1.2.1.1) | read-write | Current | As per MIB |
| hh3cQinQv2IfServiceTPID (1.3.6.1.4.1.25506.2.137.1.2.1.2) | read-write | Current | As per MIB |
| hh3cQinQv2IfCustomerTPID (1.3.6.1.4.1.25506.2.137.1.2.1.3) | read-write | Current | Only supported read operation |
| hh3cQinQv2IfTransVlanList (1.3.6.1.4.1.25506.2.137.1.2.1.4) | read-only | Current | As per MIB |

# HH3C-QOS-CAPABILITY-MIB

## hh3cQoSSysCapabilityTable

**OID: 1.3.6.1.4.1.25506.7.1.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cQoSSysCapModuleIndex (1.3.6.1.4.1.25506. 7.1.1.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cQoSSysCapCharacteristicsIndex (1.3.6.1.4.1.25506. 7.1.1.1.2.1.2) | not-accessible | No | As per MIB |
| hh3cQoSSysCapCharacteristicsValue (1.3.6.1.4.1.25506. 7.1.1.1.2.1.3) | read-only | Yes | As per MIB |

## hh3cQoSIfCapabilityTable

**OID: 1.3.6.1.4.1.25506.7.1.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cQoSIfCapIfIndex (1.3.6.1.4.1.25506. 7.1.1.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cQoSIfCapModuleIndex (1.3.6.1.4.1.25506. 7.1.1.1.3.1.2) | not-accessible | No | As per MIB |
| hh3cQoSIfCapCharacteristicsIndex (1.3.6.1.4.1.25506. 7.1.1.1.3.1.3) | not-accessible | No | As per MIB |
| hh3cQoSIfCapCharacteristicsValue (1.3.6.1.4.1.25506. 7.1.1.1.3.1.4) | read-only | Yes | As per MIB |

# HH3C-RADIUS-MIB

The HH3C-RADIUS-MIB is a configuration management and statistical MIB, includes configuration of RADIUS Server, and statistics about Accounting Server which complements the IETF standard MIB. In addition, there are two traps supported to notify the RADIUS Server’s down state.

Note: Creating and deleting a row in either hh3cRdInfoTable or hh3cRdAccInfoTable will work on another table. That is, to create a new row in hh3cRdInfoTable, a row with the same group name will appear in hh3cRdAccInfoTable. To delete a row from hh3cRdInfoTable, corresponding row in hh3cRdAccInfoTable will be cleared away and vice versa.

Server parameters in hh3cRdInfoTable and hh3cRdAccInfoTable can not be set unless server ip has been set first.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRadiusAuthErrThreshold (1.3.6.1.4.1.25506.2.13.1.3.1) | read-write | Current | As per MIB |

## hh3cRdInfoTable

**OID: 1.3.6.1.4.1.25506.2.13.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRdGroupName (1.3.6.1.4.1.25506.2.13.1.1.1.1) | not-accessible | No | The length of this object is range from 1 to 32 |
| hh3cRdPrimAuthIp (1.3.6.1.4.1.25506.2.13.1.1.1.2) | read-create | Current | Not supported |
| hh3cRdPrimUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.3) | read-create | Current | The range of primary UDP port is from 1 to 65535. |
| hh3cRdPrimState (1.3.6.1.4.1.25506.2.13.1.1.1.4) | read-create | No | As per MIB |
| hh3cRdSecAuthIp (1.3.6.1.4.1.25506.2.13.1.1.1.5) | read-create | Current | Not supported |
| hh3cRdSecUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.6) | read-create | Current | The range of secondary UDP port is from 1 to 65535 |
| hh3cRdSecState (1.3.6.1.4.1.25506.2.13.1.1.1.7) | read-create | No | As per MIB |
| hh3cRdKey (1.3.6.1.4.1.25506.2.13.1.1.1.8) | read-create | Current | The length of this object is range from 0 to 64，get operation will return null string |
| hh3cRdRetry (1.3.6.1.4.1.25506.2.13.1.1.1.9) | read-create | Current | The range of retry times is from 1 to 20 |
| hh3cRdTimeout (1.3.6.1.4.1.25506.2.13.1.1.1.10) | read-create | Current | The range is from 1 to 10 |
| hh3cRdPrimAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.11) | read-create | Current | hh3cRdPrimAuthIpAddrType and hh3cRdPrimAuthIpAddr must be set together |
| hh3cRdPrimAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.12) | read-create | Current | As per MIB |
| hh3cRdSecAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.13) | read-create | Current | hh3cRdSecAuthIpAddrType and hh3cRdSecAuthIpAddr must be set together |
| hh3cRdSecAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.14) | read-create | Current | As per MIB |
| hh3cRdServerType (1.3.6.1.4.1.25506.2.13.1.1.1.15) | read-create | Current | Not supported |
| hh3cRdQuietTime (1.3.6.1.4.1.25506.2.13.1.1.1.16) | read-create | Current | The range is from 1 to 255 |
| hh3cRdUserNameFormat (1.3.6.1.4.1.25506.2.13.1.1.1.17) | read-create | Current | As per MIB |
| hh3cRdRowStatus (1.3.6.1.4.1.25506.2.13.1.1.1.18) | read-create | Current | As per MIB |
| hh3cRdSecKey (1.3.6.1.4.1.25506.2.13.1.1.1.19) | read-create | Current | The length of this object is range from 0 to 64, get operation will return null string |
| hh3cRdPrimVpnName (1.3.6.1.4.1.25506.2.13.1.1.1.20) | read-create | Current | The length of this object is range from 0 to 31 |
| hh3cRdSecVpnName (1.3.6.1.4.1.25506.2.13.1.1.1.21) | read-create | Current | The length of this object is range from 0 to 31 |
| hh3cRdAuthNasIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.22) | read-create | Current | Not supported |
| hh3cRdAuthNasIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.23) | read-create | Current | As per MIB |
| hh3cRdAuthNasIpv6Addr  (1.3.6.1.4.1.25506.2.13.1.1.1.24) | read-create | Current | As per MIB |

## hh3cRdAccInfoTable

**OID: 1.3.6.1.4.1.25506.2.13.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRdAccGroupName (1.3.6.1.4.1.25506.2.13.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cRdPrimAccIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.2) | read-create | Current | hh3cRdPrimAccIpAddrType and hh3cRdPrimAccIpAddr must be set together |
| hh3cRdPrimAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.3) | read-create | Current | As per MIB |
| hh3cRdPrimAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.4) | read-create | Current | The range of primary UDP port is from 1 to 65535 |
| hh3cRdPrimAccState (1.3.6.1.4.1.25506.2.13.1.2.1.5) | read-create | No | As per MIB |
| hh3cRdSecAccIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.6) | read-create | Current | hh3cRdSecAccIpAddrType and hh3cRdSecAccIpAddr must be set together |
| hh3cRdSecAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.7) | read-create | Current | As per MIB |
| hh3cRdSecAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.8) | read-create | Current | The range of secondary UDP port is from 1 to 65535 |
| hh3cRdSecAccState (1.3.6.1.4.1.25506.2.13.1.2.1.9) | read-create | No | As per MIB |
| hh3cRdAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.10) | read-create | Current | The length of this object is range from 0 to 64, get operation will return null string |
| hh3cRdAccRetry (1.3.6.1.4.1.25506.2.13.1.2.1.11) | read-create | Current | The range of retry times is from 1 to 20 |
| hh3cRdAccTimeout (1.3.6.1.4.1.25506.2.13.1.2.1.12) | read-create | Current | Range from 1 to 10 |
| hh3cRdAccServerType (1.3.6.1.4.1.25506.2.13.1.2.1.13) | read-create | Current | Not supported |
| hh3cRdAccQuietTime (1.3.6.1.4.1.25506.2.13.1.2.1.14) | read-create | Current | The range is from 1 to 255 |
| hh3cRdAccFailureAction (1.3.6.1.4.1.25506.2.13.1.2.1.15) | read-create | Current | Not supported |
| hh3cRdAccRealTime (1.3.6.1.4.1.25506.2.13.1.2.1.16) | read-create | Current | As per MIB |
| hh3cRdAccRealTimeRetry (1.3.6.1.4.1.25506.2.13.1.2.1.17) | read-create | Current | As per MIB |
| hh3cRdAccSaveStopPktEnable (1.3.6.1.4.1.25506.2.13.1.2.1.18) | read-create | Current | Not supported |
| hh3cRdAccStopRetry (1.3.6.1.4.1.25506.2.13.1.2.1.19) | read-create | Current | Not supported |
| hh3cRdAccDataFlowUnit (1.3.6.1.4.1.25506.2.13.1.2.1.20) | read-create | Current | As per MIB |
| hh3cRdAccPacketUnit (1.3.6.1.4.1.25506.2.13.1.2.1.21) | read-create | Current | As per MIB |
| hh3cRdAccRowStatus (1.3.6.1.4.1.25506.2.13.1.2.1.22) | read-create | Current | As per MIB |
| hh3cRdAcctOnEnable (1.3.6.1.4.1.25506.2.13.1.2.1.23) | read-create | Current | As per MIB |
| hh3cRdAcctOnSendTimes (1.3.6.1.4.1.25506.2.13.1.2.1.24) | read-create | Current | As per MIB |
| hh3cRdAcctOnSendInterval (1.3.6.1.4.1.25506.2.13.1.2.1.25) | read-create | Current | As per MIB |
| hh3cRdSecAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.26) | read-create | Current | The length of this object is range from 0 to 64, get operation will return null string |
| hh3cRdPrimAccVpnName (1.3.6.1.4.1.25506.2.13.1.2.1.27) | read-create | Current | The length of this object is range from 0 to 31, get operation will return null string |
| hh3cRdSecAccVpnName  (1.3.6.1.4.1.25506.2.13.1.2.1.28) | read-create | Current | The length of this object is range from 0 to 31 |
| hh3cRdAccNasIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.29) | read-create | Current | Not supported |
| hh3cRdAccNasIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.30) | read-create | Current | As per MIB |
| hh3cRdAccNasIpv6Addr (1.3.6.1.4.1.25506.2.13.1.2.1.31) | read-create | Current | As per MIB |

## hh3cRdSecondaryAuthServerTable

**OID : 1.3.6.1.4.1.25506.2.13.1.4**

The table listing RADIUS secondary authentication servers.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRdSecondaryAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.4.1.1) | not-accessible | Current | As per MIB |
| hh3cRdSecondaryAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.4.1.2) | not-accessible | Current | As per MIB |
| hh3cRdSecondaryAuthVpnName (1.3.6.1.4.1.25506.2.13.1.4.1.3) | not-accessible | Current | The length of this object is range from 0 to 31 |
| hh3cRdSecondaryAuthUdpPort (1.3.6.1.4.1.25506.2.13.1.4.1.4) | not-accessible | Current | The range of primary UDP port is from 1 to 65535 |
| hh3cRdSecondaryAuthState (1.3.6.1.4.1.25506.2.13.1.4.1.5) | read-create | No | As per MIB |
| hh3cRdSecondaryAuthKey (1.3.6.1.4.1.25506.2.13.1.4.1.6) | read-create | Current | The length of this object is range from 0 to 64, get operation will return null string |
| hh3cRdSecondaryAuthRowStatus  (1.3.6.1.4.1.25506.2.13.1.4.1.7) | read-create | Current | As per MIB |

## hh3cRdSecondaryAccServerTable

**OID : 1.3.6.1.4.1.25506.2.13.1.5**

The table listing RADIUS secondary accounting servers.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRdSecondaryAccIpAddrType (1.3.6.1.4.1.25506.2.13.1.5.1.1) | not-accessible | Current | As per MIB |
| hh3cRdSecondaryAccIpAddr (1.3.6.1.4.1.25506.2.13.1.5.1.2) | not-accessible | Current | As per MIB |
| hh3cRdSecondaryAccVpnName (1.3.6.1.4.1.25506.2.13.1.5.1.3) | not-accessible | Current | The length of this object is range from 0 to 31 |
| hh3cRdSecondaryAccUdpPort (1.3.6.1.4.1.25506.2.13.1.5.1.4) | not-accessible | Current | The range of primary UDP port is from 1 to 65535 |
| hh3cRdSecondaryAccState (1.3.6.1.4.1.25506.2.13.1.5.1.5) | read-create | No | As per MIB |
| hh3cRdSecondaryAccKey (1.3.6.1.4.1.25506.2.13.1.5.1.6) | read-create | Current | The length of this object is range from 0 to 64, get operation will return null string |
| hh3cRdSecondaryAccRowStatus  (1.3.6.1.4.1.25506.2.13.1.5.1.7) | read-create | Current | As per MIB |

## hh3cRadiusAccServerTable

**OID: 1.3.6.1.4.1.25506.2.13.2.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRadiusAccClientStartRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.1) | read-only | No | As per MIB |
| hh3cRadiusAccClientStartResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.2) | read-only | No | As per MIB |
| hh3cRadiusAccClientInterimRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.3) | read-only | No | As per MIB |
| hh3cRadiusAccClientInterimResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.4) | read-only | No | As per MIB |
| hh3cRadiusAccClientStopRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.5) | read-only | No | As per MIB |
| hh3cRadiusAccClientStopResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.6) | read-only | No | As per MIB |

## hh3cRadiusAuthServerTable

**OID: 1.3.6.1.4.1.25506.2.13.4.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRadiusAuthFailureTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.1) | read-only | No | As per MIB |
| hh3cRadiusAuthTimeoutTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.2) | read-only | No | As per MIB |
| hh3cRadiusAuthRejectTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.3) | read-only | No | As per MIB |

## hh3cRadiusStatistic

**OID: 1.3.6.1.4.1.25506.2.13.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRadiusStatAccReq  (1.3.6.1.4.1.25506.2.13.6.1) | read-only | Current | As per MIB |
| hh3cRadiusStatAccAck  (1.3.6.1.4.1.25506.2.13.6.2) | read-only | Current | As per MIB |
| hh3cRadiusStatLogoutReq  (1.3.6.1.4.1.25506.2.13.6.3) | read-only | Current | As per MIB |
| hh3cRadiusStatLogoutAck  (1.3.6.1.4.1.25506.2.13.6.4) | read-only | Current | As per MIB |

# HH3C-RMON-EXT2-MIB

The HH3C-RMON-EXT2-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

## hh3cRmonExtAlarmTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: hh3cRmonExtAlarmVariable, hh3cRmonExtAlarmSympol, hh3cRmonExtAlarmStatus.

2) Configuring will be failed, if the length of command string build from current configuration is greater than max length of CLI.

**OID: 1.3.6.1.4.1.25506.2.125.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cRmonExtAlarmIndex  (1.3.6.1.4.1.25506.2.125.1.1.1) | read-only | Current | As per MIB |
| hh3cRmonExtAlarmInterval  (1.3.6.1.4.1.25506.2.125.1.1.2) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmVariable  (1.3.6.1.4.1.25506.2.125.1.1.3) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmSympol  (1.3.6.1.4.1.25506.2.125.1.1.4) | read-create | Current | The length of value is from 1 to 127.  Not support non-printable characters and ‘？’. |
| hh3cRmonExtAlarmSampleType  (1.3.6.1.4.1.25506.2.125.1.1.5) | read-create | Current | Only support absoluteValue(1) anddeltaValue(2). |
| hh3cRmonExtAlarmValue  (1.3.6.1.4.1.25506.2.125.1.1.6) | read-only | No | If out of the positive range of hh3cprialarmValue, the value will be a negative. |
| hh3cRmonExtAlarmStartupAlarm  (1.3.6.1.4.1.25506.2.125.1.1.7) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmRisingThreshold  (1.3.6.1.4.1.25506.2.125.1.1.8) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmFallingThreshold  (1.3.6.1.4.1.25506.2.125.1.1.9) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmRisingEvtIndex  (1.3.6.1.4.1.25506.2.125.1.1.10) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmFallingEvtIndex  (1.3.6.1.4.1.25506.2.125.1.1.11) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmStatCycle  (1.3.6.1.4.1.25506.2.125.1.1.12) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmStatType  (1.3.6.1.4.1.25506.2.125.1.1.13) | read-create | Current | As per MIB |
| hh3cRmonExtAlarmOwner  (1.3.6.1.4.1.25506.2.125.1.1.14) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘？’. |
| hh3cRmonExtAlarmStatus  (1.3.6.1.4.1.25506.2.125.1.1.15) | read-create | Current | As per MIB |

# HH3C-SNMP-EXT-MIB

The HH3C-SNMP-EXT-MIB is to provide the object definition of the SNMP extended information.

## Scalar objects

**OID: 1.3.6.1.4.1.25506.2.104.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSnmpExtMaxContextNum (1.3.6.1.4.1.25506.2.104.1.4) | read-only | No | As per MIB |
| hh3cSnmpExtVersion (1.3.6.1.4.1.25506.2.104.1.5) | read-write | Current | As per MIB |
| hh3cSnmpExtTrapSource (1.3.6.1.4.1.25506.2.104.1.6) | read-only | Current | As per MIB |
| hh3cSnmpExtInformSource (1.3.6.1.4.1.25506.2.104.1.7) | read-only | Current | As per MIB |

## hh3cSnmpExtCommunityTable

**OID: 1.3.6.1.4.1.25506.2.104.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSnmpExtCommunitySecurityLevel (1.3.6.1.4.1.25506.2.104.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cSnmpExtCommunitySecurityName (1.3.6.1.4.1.25506.2.104.2.1.1.2) | not-accessible | Current | As per MIB |
| hh3cSnmpExtCommunityName (1.3.6.1.4.1.25506.2.104.2.1.1.3) | read-only | Current | As per MIB |
| hh3cSnmpExtCommunityAclNum (1.3.6.1.4.1.25506.2.104.2.1.1.4) | read-write | Current | As per MIB |
| hh3cSnmpExtCommunityIPv6AclNum (1.3.6.1.4.1.25506.2.104.2.1.1.5) | read-write | Current | As per MIB |

## hh3cSnmpExtContextTable

**OID: 1.3.6.1.4.1.25506.2.104.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSnmpExtContextName (1.3.6.1.4.1.25506.2.104.2.3.1) | not-accessible | Current | As per MIB |
| hh3cSnmpExtContextRowStatus (1.3.6.1.4.1.25506.2.104.2.3.2 | read-create | Current | As per MIB |

# HH3C-SSH-MIB

Secure Shell (SSH) is a network security protocol. Using encryption and authentication, SSH can implement secure remote access and file transfer over an insecure network. Adopting the typical client/server model, SSH can establish a channel to protect data transfer based on TCP. SSH includes two versions: SSH1.x and SSH2.0 (hereinafter referred to as SSH1 and SSH2), which are not compatible. SSH2 is better than SSH1 in performance and security.

The HH3C SSH MIB is used to define that managed for SSH Service。

## hh3cSSHServerGlobalConfig

**OID: 1.3.6.1.4.1.25506.2.22.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSSHServerVersion (1.3.6.1.4.1.25506.2.22.1.1.1.1) | read-only | No | The default value is 1.99, meaning that it is compatible with SSH versions 1.x. |
| hh3cSSHServerCompatibleSSH1x (1.3.6.1.4.1.25506.2.22.1.1.1.2) | read-write | Current | The default value is enableCompatibleSSH1x(1). |
| hh3cSSHServerRekeyInterval (1.3.6.1.4.1.25506.2.22.1.1.1.3) | read-write | Current | Range from 0 to 24.  The default value is 0, meaning that the key will not be refreshed. |
| hh3cSSHServerAuthRetries (1.3.6.1.4.1.25506.2.22.1.1.1.4) | read-write | Current | Range from 1 to 5.  The default value is 3. |
| hh3cSSHServerAuthTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.5) | read-write | Current | Range from 1 to 120.  The default value is 60. |
| hh3cSFTPServerIdleTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.6) | read-write | Current | Range from 1 to 35791.  The default value is 10. |
| hh3cSSHServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.7) | read-write | Current | The default value is disableSSHServer(2). |
| hh3cSFTPServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.8) | read-write | Current | The default value is disableSFTPService(2). |
| hh3cSTelnetServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.1.9) | read-write | Current | As per MIB |
| hh3cSCPServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.1.10) | read-write | Current | As per MIB |

## hh3cSSHUserConfigTable

**OID: 1.3.6.1.4.1.25506.2.22.1.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSSHUserName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.1) | not-accessible | Current | The length of value is from 1 to 80. |
| hh3cSSHUserServiceType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.2) | read-create | Current | The default value is invalid(1). |
| hh3cSSHUserAuthType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.3) | read-create | Current | The default value is invalid(1).  When this object is set to password, means that this user uses password authentication in AAA(Authentication, Authorization, Accounting) module.  When this object is set to publicKey, means that this user uses public key authentication in PKEY(Public Key) module.  When this object is set to any, means that this user uses either password authentication or publickey authentication.  When this object is set to publicKeyPassword, means that this user uses both publickey authentication and password authentication. |
| hh3cSSHUserPublicKeyName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.4) | read-create | Current | The length of value is from 1 to 64.  The default value is null string.  This object only can get value from an existent public key, which is managed in PKEY (Public Key) module. |
| hh3cSSHUserWorkDirectory (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.5) | read-create | Current | Not supported. |
| hh3cSSHUserRowStatus (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.6) | read-create | No | Four actions are used: active(1), notInService(2), createAndGo(4), destroy(6).  When `hh3cSSHUserRowStatus' is set to active(1), no object in the conceptual row can be modified.  In particular, a newly created user row which uses public key authentication cannot be made active(1) until the corresponding instance of `hh3cSSHUserAuthType' is 'publicKey' or 'publicKeyPassword', and the 'hh3cSSHUserPublicKeyName' is configured appropriately. |

## hh3cSSHSessionInfoTable

**OID: 1.3.6.1.4.1.25506.2.22.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSSHSessionID (1.3.6.1.4.1.25506.2.22.1.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cSSHSessionUserName (1.3.6.1.4.1.25506.2.22.1.1.3.1.2) | read-only | No | The length of value is from 1 to 80. |
| hh3cSSHSessionUserIpAddrType (1.3.6.1.4.1.25506.2.22.1.1.3.1.3) | read-only | No | As per MIB |
| hh3cSSHSessionUserIpAddr (1.3.6.1.4.1.25506.2.22.1.1.3.1.4) | read-only | No | As per MIB |
| hh3cSSHSessionClientVersion (1.3.6.1.4.1.25506.2.22.1.1.3.1.5) | read-only | No | As per MIB |
| hh3cSSHSessionServiceType (1.3.6.1.4.1.25506.2.22.1.1.3.1.6) | read-only | No | As per MIB |
| hh3cSSHSessionEncry (1.3.6.1.4.1.25506.2.22.1.1.3.1.7) | read-only | No | As per MIB |
| hh3cSSHSessionState (1.3.6.1.4.1.25506.2.22.1.1.3.1.8) | read-only | No | As per MIB |

## Scalar objects for notify

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSSHAttemptUserName (1.3.6.1.4.1.25506.2.22.1.2.1) | accessible-for-notify | No | The length of value is from 1 to 80. |
| hh3cSSHAttemptIpAddrType (1.3.6.1.4.1.25506.2.22.1.2.2) | accessible-for-notify | No | As per MIB |
| hh3cSSHAttemptIpAddr (1.3.6.1.4.1.25506.2.22.1.2.3) | accessible-for-notify | No | As per MIB |
| hh3cSSHUserAuthFailureReason (1.3.6.1.4.1.25506.2.22.1.2.4) | accessible-for-notify | No | As per MIB |

# HH3C-STACK-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cStackMaxMember (1.3.6.1.4.1.25506.2.91.1.1) | read-only | No | The maximum number of members in a stack. |
| hh3cStackMemberNum (1.3.6.1.4.1.25506.2.91.1.2) | read-only | No | The number of members currently in a stack. |
| hh3cStackMaxConfigPriority (1.3.6.1.4.1.25506.2.91.1.3) | read-only | No | The highest priority that can be configured for a member in a stack. |
| hh3cStackAutoUpdate (1.3.6.1.4.1.25506.2.91.1.4) | read-write | Current | The function for automatically updating the image from master to slave. When a new device tries to join a stack, the image version is checked. When this function is enabled, if the image version of the new device is different from that of the master, the image of the new device will be updated to be consistent with that of the master. When this function is disabled, the new device can not join the stack if the image version of the new device is different from that of the master.  disabled: disable auto update function  enabled: enable auto update function |
| hh3cStackMacPersistence (1.3.6.1.4.1.25506.2.91.1.5) | read-write | Current | The modes of bridge MAC address persistence. When a stack starts, the bridge MAC address of master board will be used as that of the stack. If the master board leaves the stack, the bridge MAC address of the stack will change based on the mode of bridge MAC address persistence.  notPersist: The bridge MAC address of the new master board will be used as that of the stack immediately.  persistForSixMin: The bridge MAC address will be reserved for six minutes. In this period, if the master board which has left the stack rejoins the stack, the bridge MAC address of the stack will not change. Otherwise, the bridge MAC address of the new master board will be used as that of the stack.  persistForever: Whether the master leaves or not, the bridge MAC address of the stack will never change. |
| hh3cStackLinkDelayInterval (1.3.6.1.4.1.25506.2.91.1.6) | read-write | Current | The delay time for a device in a stack to report the change of stack port link status. If the delay time is configured, a device in a stack will not report the change immediately when the stack port link status changes to down. During the delay period, if the stack port link status is resumed, the device will ignore the current change of the stack port link status. If the stack port link status is not resumed after the delay time, the device will report the change.  0 means no delay, namely, the device will report the change as soon as the stack port link status changes to down.  0: no delay  1-10000(ms): delay time |
| hh3cStackTopology (1.3.6.1.4.1.25506.2.91.1.7) | read-only | No | The topology of the stack.  chainConn: chain connection |
| hh3cStackDomainId (1.3.6.1.4.1.25506.2.91.1.8) | read-write | Current | Domain ID of the IRF fabric which used to uniquely identify IRF fabrics and prevent IRF fabrics from interfering with one another. |

## hh3cStackDeviceConfigTable

**OID: 1.3.6.1.4.1.25506.2.91.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cStackMemberID (1.3.6.1.4.1.25506.2.91.2.1.1) | read-only | No | The member ID of the device in a stack. |
| hh3cStackConfigMemberID (1.3.6.1.4.1.25506.2.91.2.1.2) | read-write | Yes | The configured member ID of the device. The valid value ranges from 1 to the value of hh3cStackMaxMember. After the member ID is configured for a device, if this ID is not the same with that of another device, the ID will be used as the member ID of the device when the device reboots. If a same ID exists, the member ID of the device will be set as another exclusive ID automatically. |
| hh3cStackPriority (1.3.6.1.4.1.25506.2.91.2.1.3) | read-write | Yes | The priority of a device in a stack. The valid value ranges from 1 to the value of hh3cStackMaxConfigPriority. |
| hh3cStackPortNum (1.3.6.1.4.1.25506.2.91.2.1.4) | read-only | No | The number of stack ports which is enabled in a device. |
| hh3cStackPortMaxNum (1.3.6.1.4.1.25506.2.91.2.1.5) | read-only | No | The maximum number of stack ports in a device. |

## hh3cStackBoardConfigTable

**OID: 1.3.6.1.4.1.25506.2.91.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cStackBoardRole (1.3.6.1.4.1.25506.2.91.3.1.1) | read-only | No | The role of the board in a stack.  slave: slave board  master: master board  loading: slave board whose image version is different from that of the master board.  other: other |
| hh3cStackBoardBelongtoMember (1.3.6.1.4.1.25506.2.91.3.1.2) | read-only | No | The member ID of the device where the current board resides in a stack. |

## hh3cStackPortInfoTable

**OID: 1.3.6.1.4.1.25506.2.91.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cStackPortIndex (1.3.6.1.4.1.25506.2.91.4.1.1) | not-accessible | No | The index of a stack port of the device in a stack. |
| hh3cStackPortEnable (1.3.6.1.4.1.25506.2.91.4.1.2) | read-only | No | The status of the stack port of the device in a stack. If no physical port is added to the stack port, its status is 'disabled'; otherwise, its status is 'enabled'.  disabled: The stack port is disabled.  enabled: The stack port is enabled. |
| hh3cStackPortStatus (1.3.6.1.4.1.25506.2.91.4.1.3) | read-only | No | The link status of the stack port of the device in a stack.  up: The link status of a stack port with reasonable physical connection is up.  down: The link status of a stack port without physical connection is down.  silent: The link status of a stack port which can not be used normally is silent.  disabled: The link status of a stack port in disabled status is disabled. |
| hh3cStackNeighbor (1.3.6.1.4.1.25506.2.91.4.1.4) | read-only | No | The member ID of the stack port's neighbor in a stack. 0 means no neighbor exists. |
| hh3cStackPortForwardingPath(1.3.6.1.4.1.25506.2.91.4.1.5) | read-only | No | As per MIB |

## hh3cStackPhyPortInfoTable

**OID: 1.3.6.1.4.1.25506.2.91.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cStackBelongtoPort (1.3.6.1.4.1.25506.2.91.5.1.1) | read-write | Yes | The index of the stack port to which the physical port is added. 0 means the physical port is not added to any stack port. The value will be valid after the device in the stack reboots. |

# HH3C-SYS-MAN-MIB

## Scalar objects

Note: The values of these two objects are restricted by each other. The rule will be identical with CLI. If the values of these two objects are all set to zero together, that means the user want to abolish summer time, and all the value in this group will be initialization.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysLocalClock (1.3.6.1.4.1.25506.2.3.1.1.1) | read-write | Current | As per MIB |
| hh3cSysLocalClockString (1.3.6.1.4.1.25506.2.3.1.1.3) | read-write | Current | As per MIB |
| hh3cSysClockProtocol (1.3.6.1.4.1.25506.2.3.1.1.4.1) | read-write | Current | As per MIB |
| hh3cSysClockProtocolSrcMdc  (1.3.6.1.4.1.25506.2.3.1.1.4.2) | read-write | Current | As per MIB |
| hh3cSysClockProtocolSrcContext  (1.3.6.1.4.1.25506.2.3.1.1.4.3) | read-write | Current | As per MIB |
| hh3cSysReloadSchedule (1.3.6.1.4.1.25506.2.3.1.3.1) | read-write | No | In a reload action, if the entity index of hh3cSysReloadSchedule is 1, the whole device will be reloaded. |
| hh3cSysReloadAction (1.3.6.1.4.1.25506.2.3.1.3.2) | read-write | No | As per MIB |
| hh3cSysReloadTag (1.3.6.1.4.1.25506.2.3.1.3.4) | read-write | No | As per MIB |
| hh3cSysImageNum (1.3.6.1.4.1.25506.2.3.1.4.1) | read-only | No | Not Supported |
| hh3cSysCFGFileNum (1.3.6.1.4.1.25506.2.3.1.5.1) | read-only | No | As per MIB |
| hh3cSysBtmLoadMaxNumber (1.3.6.1.4.1.25506.2.3.1.6.1.1) | read-only | No | As per MIB |
| hh3cSysSummerTimeEnable (1.3.6.1.4.1.25506.2.3.1.1.2.1) | read-only | Current | As per MIB |
| hh3cSysSummerTimeZone (1.3.6.1.4.1.25506.2.3.1.1.2.2) | read-write | Current | As per MIB |
| hh3cSysSummerTimeMethod (1.3.6.1.4.1.25506.2.3.1.1.2.3) | read-write | Current | Only “repeating” method is supported. |
| hh3cSysSummerTimeStart (1.3.6.1.4.1.25506.2.3.1.1.2.4) | read-write | Current | As per MIB |
| hh3cSysSummerTimeEnd (1.3.6.1.4.1.25506.2.3.1.1.2.5) | read-write | Current | As per MIB |
| hh3cSysSummerTimeOffset (1.3.6.1.4.1.25506.2.3.1.1.2.6) | read-write | Current | As per MIB |
| hh3cSysPackageNum  (1.3.6.1.4.1.25506.2.3.1.7.1) | read-only | No | It is the sum of all the package files. |
| hh3cSysPackageOperateEntryLimit (1.3.6.1.4.1.25506.2.3.1.7.3) | read-write | No | The maximum of the hh3cSysPackageOperateEntry can be created. The default value is 32,the value range is 1-128.If the number of the hh3cSysPackageOperateTable has reached the maximum,the oldest PackageOperEntry will be deleted when creating a new entry. |
| hh3cSysIpeFileNum  (1.3.6.1.4.1.25506.2.3.1.8.1) | read-only | No | It is the sum of all the ipe files. |

## hh3cSysCurTable

**OID: 1.3.6.1.4.1.25506.2.3.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysCurEntPhysicalIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.1) | not-accessible | No | As per MIB |
| hh3cSysCurCFGFileIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.2) | read-only | Current | As per MIB |
| hh3cSysCurImageIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.3) | read-only | Current | Not supported |
| hh3cSysCurBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.4) | read-only | No | Not supported |
| hh3cSysCurUpdateBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.5) | read-only | No | Not supported |

## hh3cSysReloadScheduleTable

**OID: 1.3.6.1.4.1.25506.2.3.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysReloadScheduleIndex (1.3.6.1.4.1.25506.2.3.1.3.3.1.1) | not-accessible | No | As per MIB |
| hh3cSysReloadEntity (1.3.6.1.4.1.25506.2.3.1.3.3.1.2) | read-create | No | As per MIB |
| hh3cSysReloadCfgFile (1.3.6.1.4.1.25506.2.3.1.3.3.1.3) | read-create | No | The zero value means no configuration file has been set for this entry, and no configuration file is used during system reloading. In fact, which configuration file will be used during system reloading also depends on the configuration file manage module. |
| hh3cSysReloadImage (1.3.6.1.4.1.25506.2.3.1.3.3.1.4) | read-create | No | Not supported |
| hh3cSysReloadReason (1.3.6.1.4.1.25506.2.3.1.3.3.1.5) | read-create | No | As per MIB |
| hh3cSysReloadScheduleTime (1.3.6.1.4.1.25506.2.3.1.3.3.1.6) | read-create | No | As per MIB |
| hh3cSysReloadRowStatus (1.3.6.1.4.1.25506.2.3.1.3.3.1.7) | read-create | No | As per MIB |
| hh3cSysReloadScheduleTagList (1.3.6.1.4.1.25506.2.3.1.3.3.1.8) | read-create | No | If the value of hh3cSysReloadSchedule is not 0, the hh3cSysReloadScheduleTagList will be ignored. |

## hh3cSysCFGFileTable

**OID: 1.3.6.1.4.1.25506.2.3.1.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysCFGFileIndex (1.3.6.1.4.1.25506.2.3.1.5.2.1.1) | not-accessible | No | As per MIB |
| hh3cSysCFGFileName (1.3.6.1.4.1.25506.2.3.1.5.2.1.2) | read-only | Yes | As per MIB |
| hh3cSysCFGFileSize (1.3.6.1.4.1.25506.2.3.1.5.2.1.3) | read-only | Yes | As per MIB |
| hh3cSysCFGFileLocation (1.3.6.1.4.1.25506.2.3.1.5.2.1.4) | read-only | Yes | As per MIB |

## hh3cSysBtmLoadTable

**OID: 1.3.6.1.4.1.25506.2.3.1.6.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysBtmLoadIndex (1.3.6.1.4.1.25506.2.3.1.6.2.1.1) | not-accessible | No | As per MIB |
| hh3cSysBtmFileName (1.3.6.1.4.1.25506.2.3.1.6.2.1.2) | read-create | No | As per MIB |
| hh3cSysBtmFileType (1.3.6.1.4.1.25506.2.3.1.6.2.1.3) | read-create | No | As per MIB |
| hh3cSysBtmRowStatus (1.3.6.1.4.1.25506.2.3.1.6.2.1.4) | read-create | No | As per MIB |
| hh3cSysBtmErrorStatus (1.3.6.1.4.1.25506.2.3.1.6.2.1.5) | read-only | No | As per MIB |
| hh3cSysBtmLoadTime (1.3.6.1.4.1.25506.2.3.1.6.2.1.6) | read-only | No | As per MIB |

* Terms

(The terms listed below are just used in the range of this section.)

BootRom: a special program which is used to boot the system on system startup.

BOOT ROM: a specific zone in system in which a BootRom is stored.

Bootrom file: a file which exists in file system. The content of such file is BootRom.

* Function

The responsibility of this table is to update BootRom from a BootRom file in file system to BOOT ROM.

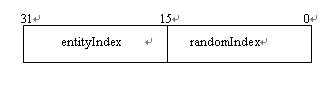
It assumes that the source Bootrom file already exists in the file system of the device before doing operation. On system startup, this table is empty.

* Notes

1) Be careful that the operation on BOOT ROM updating is risky. Other operations may halt during updating BOOT ROM. Such operation may take a long time as well.

2) The value of hh3cSysCurUpdateBtmFileName will not be updated until updating operation completed.

3) The value of hh3cSysBtmLoadIndex is divided into two parts as follows:



The entityIndex is the same as entPhysicalIndex as defined in the entPhysicalTable, and must be the entPhysicalIndex of the entity whose entPhysicalClass is ‘module‘. The randomIndex is determined by users. Algorithm of hh3cSysBtmLoadIndex:

hh3cSysBtmLoadIndex = (entityIndex << 16) | randomIndex

4) It is strongly recommended that the name of a Bootrom file ends with valid filename extention, but this table will not check the filename. The verification of validity of a Bootrom file will be performed after the hh3cSysBtmRowStatus of this instance turns into ‘active’.

5) hh3cSysBtmFileName must include a path.

6) At present, hh3cSysBtmFileType must be set to ‘main’.

7) All necessary objects, which are hh3cSysBtmFileName and hh3cSysBtmFileType, should be provided with hh3cSysBtmRowStatus simultaneously in creation.

8) hh3cSysBtmErrorStatus can be used to get current progress or result of the updating operation. At any time, there is only one instance of which the hh3cSysBtmErrorStatus is ‘inProgress’ in the same device. Creating a new instance will fall into fail if there is an instance of which hh3cSysBtmErrorStatus is ‘inProcess’.

9) If there is an attempt to remove the instance of which the hh3cSysBtmErrorStatus is ‘inProgress’, such attempt may fail.

The Boot Rom in BOOT ROM cannot be removed through hh3cSysBtmLoadTable, but it can be updated through this table.

When removing an instance from this table, there is no any deletion of the corresponding file in file system.

After updating a Bootrom file into BOOT ROM, the corresponding file can be removed from the file system, but it is not the responsibility of this table to remove a Bootrom file from the file system.

10）Please refer to the product guideline to make sure that the module supports updating.

* Examples

Creating a new instance.

A valid Bootrom file named with “flash:/boot.bin” is supposed existing in file system.

The entPhysicalIndex of the entity (the entPhysicalClass of this entity is ‘module‘) is 2 (Here the value 2 is used just as illustration, the actual value must be got from entPhysicalIndex in entPhysicalTable of ENTITY-MIB), the customized randomIndex is 1. Then the value of hh3cSysBtmLoadIndex is 131073, and the value of the necessary objects should be set to:

hh3cSysBtmFileName.131073 = “flash:/boot.bin”

hh3cSysBtmFileType.131073 = ‘main’

hh3cSysBtmRowStatus.131073 = ‘createAndGo’

## hh3cSysPackageTable

**OID: 1.3.6.1.4.1.25506.2.3.1.7.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysPackageIndex  (1.3.6.1.4.1.25506.2.3.1.7.2.1.1) | not-accessible | No | This index of the h3cSysPackageTable. |
| hh3cSysPackageName  (1.3.6.1.4.1.25506.2.3.1.7.2.1.2) | read-only | Yes | The name of package which doesn’t contain the location. |
| hh3cSysPackageSize  (1.3.6.1.4.1.25506.2.3.1.7.2.1.3) | read-only | Yes | It identify the size of a package in bytes. |
| hh3cSysPackageLocation  (1.3.6.1.4.1.25506.2.3.1.7.2.1.4) | read-only | Yes | The location of the package be saved, it doesn’t contain the package name. |
| hh3cSysPackageType  (1.3.6.1.4.1.25506.2.3.1.7.2.1.5) | read-only | Yes | the type of the package file, such as boot, system, feature, patch. |
| hh3cSysPackageAttribute  (1.3.6.1.4.1.25506.2.3.1.7.2.1.6) | read-write | Yes | the attribute of the package file. |
| hh3cSysPackageStatus  (1.3.6.1.4.1.25506.2.3.1.7.2.1.7) | read-only | Yes | the status of the package file. |
| hh3cSysPackageDescription  (1.3.6.1.4.1.25506.2.3.1.7.2.1.8) | read-only | Yes | It is the description of the package. |
| hh3cSysPackageFeature  (1.3.6.1.4.1.25506.2.3.1.7.2.1.9) | read-only | Yes | Indicate the feature of the package. |
| hh3cSysPackageVersion  (1.3.6.1.4.1.25506.2.3.1.7.2.1.10) | read-only | Yes | The version of the package. |

## hh3cSysPackageOperateTable

**OID: 1.3.6.1.4.1.25506.2.3.1.7.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysPackageOperateIndex  (1.3.6.1.4.1.25506.2.3.1.7.4.1.1) | not-accessible | No | The index of the hh3cSysPackageOperateTable |
| hh3cSysPackageOperatePackIndex (1.3.6.1.4.1.25506.2.3.1.7.4.1.2) | read-create | No | The index points one row of package table. It identify which package file will be active/inactive. |
| hh3cSysPackageOperateStatus  (1.3.6.1.4.1.25506.2.3.1.7.4.1.3) | read-create | No | It specify which operation will be set to the package.(The are two operate status 1.active 2.inactive) |
| hh3cSysPackageOperateRowStatu  (1.3.6.1.4.1.25506.2.3.1.7.4.1.4) | read-create | No | As per MIB |
| hh3cSysPackageOperateResult  (1.3.6.1.4.1.25506.2.3.1.7.4.1.5) | read-only | No | It specify the operate result. |

## hh3cSysIpeFileTable

**OID: 1.3.6.1.4.1.25506.2.3.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysIpeFileIndex  (1.3.6.1.4.1.25506.2.3.1.8.2.1.1) | not-accessible | No | The index of the hh3cSysIpeFileTable. |
| hh3cSysIpeFileName  (1.3.6.1.4.1.25506.2.3.1.8.2.1.2) | read-only | Yes | The name of the ipe file |
| hh3cSysIpeFileSize  (1.3.6.1.4.1.25506.2.3.1.8.2.1.3) | read-only | Yes | It identify the size of a ipe file in bytes. |
| hh3cSysIpeFileLocation  (1.3.6.1.4.1.25506.2.3.1.8.2.1.4) | read-only | Yes | The location of the ipe be saved, it doesn’t contain the ipe file name. |

## hh3cSysIpePackageTable

**OID: 1.3.6.1.4.1.25506.2.3.1.8.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysIpePackageIndex  (1.3.6.1.4.1.25506.2.3.1.8.3.1.1) | not-accessible | No | The index of hh3csysIpePackageTable. |
| hh3cSysIpePackageName  (1.3.6.1.4.1.25506.2.3.1.8.3.1.2) | read-only | Yes | The name of the ipe package file which composes the ipe file. |
| hh3cSysIpePackageSize  (1.3.6.1.4.1.25506.2.3.1.8.3.1.3) | read-only | Yes | It identify the size of an ipe package file in bytes. |
| hh3cSysIpePackageType  (1.3.6.1.4.1.25506.2.3.1.8.3.1.4) | read-only | Yes | The type of the package file,such as boot, system, feature, patch. |
| hh3cSysPackageDescription  (1.3.6.1.4.1.25506.2.3.1.8.3.1.5) | read-only | Yes | It is the description of the package |
| hh3cSysIpePackageFeature  (1.3.6.1.4.1.25506.2.3.1.8.3.1.6) | read-only | Yes | Indicate the feature of the package. |
| hh3cSysIpePackageVersion  (1.3.6.1.4.1.25506.2.3.1.8.3.1.7) | read-only | Yes | The version of the package. |

## hh3cSysIpeFileOperateTable

**OID: 1.3.6.1.4.1.25506.2.3.1.8.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cSysIpeFileOperateIndex  (1.3.6.1.4.1.25506.2.3.1.8.4.1.1) | not-accessible | No | The index of hh3cSysIpeFileOperateTable.If the entity index of the hh3cSysIpeFileOperateTable is 1, the ipe file will be decompressed to all the main board. |
| hh3cSysIpeFileOperateFileIndex(1.3.6.1.4.1.25506.2.3.1.8.4.1.2) | read-create | No | It is the index of ipe file. It identifies which ipe file will be operated. The index points  one row of h3cSysIpeFileTable. |
| hh3cSysIpeFileOperateAttribute(1.3.6.1.4.1.25506.2.3.1.8.4.1.3) | read-create | No | It specifies the attribute of the ipe file .If the ipe file is set primary, the system will be reload by the ipe file next time . |
| hh3cSysIpeFileOperateRowStatus  (1.3.6.1.4.1.25506.2.3.1.8.4.1.4) | read-create | No | As per MIB |
| hh3cSysIpeFileOperateResult  (1.3.6.1.4.1.25506.2.3.1.8.4.1.5) | read-only | No | It specify the operate result. |

# HH3C-T1-MIB

The HH3C-T1-MIB provides T1 interface information that are excluded by RFC 1213 and RFC 2863.

## hh3ct1InterfaceStatusTable

**OID: 1.3.6.1.4.1.25506.2.29.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ct1InterfaceInErrs (1.3.6.1.4.1.25506.2.29.1.1.1) | read-only | No | As per MIB |
| hh3ct1InterfaceInRuntsErrs (1.3.6.1.4.1.25506.2.29.1.1.2) | read-only | No | As per MIB |
| hh3ct1InterfaceInGiantsErrs  (1.3.6.1.4.1.25506.2.29.1.1.3) | read-only | No | As per MIB |
| hh3ct1InterfaceInCrcErrs  (1.3.6.1.4.1.25506.2.29.1.1.4) | read-only | No | As per MIB |
| hh3ct1InterfaceInAlignErrs  (1.3.6.1.4.1.25506.2.29.1.1.5) | read-only | No | As per MIB |
| hh3ct1InterfaceInOverRunsErrs  (1.3.6.1.4.1.25506.2.29.1.1.6) | read-only | No | As per MIB |
| hh3ct1InterfaceInDribblesErrs(1.3.6.1.4.1.25506.2.29.1.1.7) | read-only | No | As per MIB |
| hh3ct1InterfaceInAbortedSeqErrs  (1.3.6.1.4.1.25506.2.29.1.1.8) | read-only | No | As per MIB |
| hh3ct1InterfaceInNoBufferErrs  (1.3.6.1.4.1.25506.2.29.1.1.9) | read-only | No | As per MIB |
| hh3ct1InterfaceInFramingErrs  (1.3.6.1.4.1.25506.2.29.1.1.10) | read-only | No | As per MIB |
| hh3ct1InterfaceOutputErrs  (1.3.6.1.4.1.25506.2.29.1.1.11) | read-only | No | As per MIB |
| hh3ct1InterfaceOutUnderRunErrs  (1.3.6.1.4.1.25506.2.29.1.1.12) | read-only | No | As per MIB |
| hh3ct1InterfaceOutCollisonsErrs  (1.3.6.1.4.1.25506.2.29.1.1.13) | read-only | No | As per MIB |
| hh3ct1InterfaceOutDeferedErrs (1.3.6.1.4.1.25506.2.29.1.1.14) | read-only | No | As per MIB |

## hh3ct1Table

**OID: 1.3.6.1.4.1.25506.2.29.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ct1Type  (1.3.6.1.4.1.25506.2.29.2.1.1) | read-only | No | As per MIB |
| hh3ct1Clock  (1.3.6.1.4.1.25506.2.29.2.1.2) | read-write | Current | As per MIB |
| hh3ct1FrameFormat  (1.3.6.1.4.1.25506.2.29.2.1.3) | read-write | Current | As per MIB |
| hh3ct1LineCode  (1.3.6.1.4.1.25506.2.29.2.1.4) | read-write | Current | As per MIB |
| hh3ct1PriSetTimeSlot  (1.3.6.1.4.1.25506.2.29.2.1.5) | read-write | Current | As per MIB |
| hh3ct1DChannelIndex  (1.3.6.1.4.1.25506.2.29.2.1.6) | read-only | No | As per MIB |
| hh3ct1SubScribLineChannelIndex  (1.3.6.1.4.1.25506.2.29.2.1.7) | read-only | No | As per MIB |

## hh3ct1InterfaceTable

**OID: 1.3.6.1.4.1.25506.2.29.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3ct1ControllerIndex (1.3.6.1.4.1.25506.2.29.3.1.1 ) | read-only | No | As per MIB |

# HH3C-TRANSCEIVER-INFO-MIB

## hh3cTransceiverInfoTable

**OID: 1.3.6.1.4.1.25506.2.70.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTransceiverHardwareType (1.3.6.1.4.1.25506.2.70.1.1.1.1) | read-only | Yes | As per MIB |
| hh3cTransceiverType (1.3.6.1.4.1.25506.2.70.1.1.1.2) | read-only | Yes | As per MIB |
| hh3cTransceiverWaveLength (1.3.6.1.4.1.25506.2.70.1.1.1.3) | read-only | Yes | As per MIB |
| hh3cTransceiverVendorName (1.3.6.1.4.1.25506.2.70.1.1.1.4) | read-only | Yes | As per MIB |
| hh3cTransceiverSerialNumber (1.3.6.1.4.1.25506.2.70.1.1.1.5) | read-only | Yes | As per MIB |
| hh3cTransceiverFiberDiameterType (1.3.6.1.4.1.25506.2.70.1.1.1.6) | read-only | Yes | As per MIB |
| hh3cTransceiverTransferDistance (1.3.6.1.4.1.25506.2.70.1.1.1.7) | read-only | Yes | As per MIB |
| hh3cTransceiverDiagnostic (1.3.6.1.4.1.25506.2.70.1.1.1.8) | read-only | Yes | As per MIB |
| hh3cTransceiverCurTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.9) | read-only | Yes | As per MIB  "2147483647" means invalid value |
| hh3cTransceiverMaxTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.10) | read-only | Yes | As per MIB |
| hh3cTransceiverMinTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.11) | read-only | Yes | As per MIB |
| hh3cTransceiverCurRXPower (1.3.6.1.4.1.25506.2.70.1.1.1.12) | read-only | Yes | As per MIB  "2147483647" means invalid value |
| hh3cTransceiverMaxRXPower (1.3.6.1.4.1.25506.2.70.1.1.1.13) | read-only | Yes | As per MIB |
| hh3cTransceiverMinRXPower (1.3.6.1.4.1.25506.2.70.1.1.1.14) | read-only | Yes | As per MIB |
| hh3cTransceiverTemperature (1.3.6.1.4.1.25506.2.70.1.1.1.15) | read-only | Yes | As per MIB |
| hh3cTransceiverVoltage (1.3.6.1.4.1.25506.2.70.1.1.1.16) | read-only | Yes | As per MIB |
| hh3cTransceiverBiasCurrent (1.3.6.1.4.1.25506.2.70.1.1.1.17) | read-only | Yes | As per MIB |
| hh3cTransceiverTempHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.18) | read-only | Yes | As per MIB |
| hh3cTransceiverTempLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.19) | read-only | Yes | As per MIB |
| hh3cTransceiverTempHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.20) | read-only | Yes | As per MIB |
| hh3cTransceiverTempLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.21) | read-only | Yes | As per MIB |
| hh3cTransceiverVccHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.22) | read-only | Yes | As per MIB |
| hh3cTransceiverVccLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.23) | read-only | Yes | As per MIB |
| hh3cTransceiverVccHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.24) | read-only | Yes | As per MIB |
| hh3cTransceiverVccLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.25) | read-only | Yes | As per MIB |
| hh3cTransceiverBiasHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.26) | read-only | Yes | As per MIB |
| hh3cTransceiverBiasLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.27) | read-only | Yes | As per MIB |
| hh3cTransceiverBiasHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.28) | read-only | Yes | As per MIB |
| hh3cTransceiverBiasLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.29) | read-only | Yes | As per MIB |
| hh3cTransceiverPwrOutHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.30) | read-only | Yes | As per MIB |
| hh3cTransceiverPwrOutLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.31) | read-only | Yes | As per MIB |
| hh3cTransceiverPwrOutHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.32) | read-only | Yes | As per MIB |
| hh3cTransceiverPwrOutLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.33) | read-only | Yes | As per MIB |
| hh3cTransceiverRcvPwrHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.34) | read-only | Yes | As per MIB |
| hh3cTransceiverRcvPwrLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.35) | read-only | Yes | As per MIB |
| hh3cTransceiverRcvPwrHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.36) | read-only | Yes | As per MIB |
| hh3cTransceiverRcvPwrLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.37) | read-only | Yes | As per MIB |
| hh3cTransceiverErrors (1.3.6.1.4.1.25506.2.70.1.1.1.38) | read-only | Yes | As per MIB |
| hh3cTransceiverVendorOUI (1.3.6.1.4.1.25506.2.70.1.1.1.39) | read-only | Yes | As per MIB |
| hh3cTransceiverRevisionNumber (1.3.6.1.4.1.25506.2.70.1.1.1.40) | read-only | Yes | As per MIB |

# HH3C-TRAP-MIB

## hh3cTrapDesInfoTable

**OID: 1.3.6.1.4.1.25506.2.38.1.7.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTrapDesInfoIndex  (1.3.6.1.4.1.25506.2.38.1.7.1.1.1) | not-accessible | Current | As per MIB |
| hh3cTrapDesIPAddress  (1.3.6.1.4.1.25506.2.38.1.7.1.1.2) | read-create | Current | As per MIB |
| hh3cTrapDesPort (1.3.6.1.4.1.25506.2.38.1.7.1.1.3) | read-create | Current | As per MIB |
| hh3cTrapDesRowStatus (1.3.6.1.4.1.25506.2.38.1.7.1.1.4) | read-create | Current | As per MIB |
| hh3cTrapDesAddrTAddress(1.3.6.1.4.1.25506.2.38.1.7.1.1.5) | read-create | Current | As per MIB |

## hh3cTrapConfigTable

**OID: 1.3.6.1.4.1.25506.2.38.1.8.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTrapConfigIndex (1.3.6.1.4.1.25506.2.38.1.8.1.1.1) | not-accessible | No | Not supported |
| hh3cTrapConfigName (1.3.6.1.4.1.25506.2.38.1.8.1.1.2) | read-only | No | Not supported |
| hh3cTrapConfigDescr (1.3.6.1.4.1.25506.2.38.1.8.1.1.3) | read-write | No | Not supported |
| hh3cTrapConfigSwitch(1.3.6.1.4.1.25506.2.38.1.8.1.1.4) | read-write | No | Not supported |
| hh3cTrapConfigSwitch2(1.3.6.1.4.1.25506.2.38.1.8.1.1.5) | read-write | No | Not supported |

# HH3C-TRNG2-MIB

This MIB is used to manage time-range.

When creating an absolute time-range, configure hh3cTrangeCreateTimerangeTable firstly, then use the value of hh3cTrangeIndex as the value of hh3cTrangeAbsoluteNameIndex to create hh3cTrangeAbsoluteTable. When creating a periodic time-range, configure hh3cTrangeCreateTimerangeTable firstly, then use the value of hh3cTrangeIndex as the value of hh3cTrangePeriodicNameIndex to create hh3cTrangePeriodicTable.

If hh3cTrangeCreateTimerangeTable is configured, hh3cTrangeAbsoluteTable and hh3cTrangePeriodicTable are not configured, time-range does not actually exist, and the configuration of hh3cTrangeCreateTimerangeTable may be lost after saving and rebooting.

## hh3cTrangeCreateTimerangeTable

**OID: 1.3.6.1.4.1.25506.2.121.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTrangeIndex (1.3.6.1.4.1.25506.2.121.1.1.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTrangeName (1.3.6.1.4.1.25506.2.121.1.1.1.2) | read-create | Current | As per MIB |
| hh3cTrangeValidFlag (1.3.6.1.4.1.25506.2.121.1.1.1.3) | read-only | Current | As per MIB |
| hh3cTrangeCreateRowStatus (1.3.6.1.4.1.25506.2.121.1.1.1.4) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

## hh3cTrangeAbsoluteTable

**OID: 1.3.6.1.4.1.25506.2.121.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTarngeAbsoluteNameIndex (1.3.6.1.4.1.25506.2.121.1.2.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTarngeAbsoluteSubIndex (1.3.6.1.4.1.25506.2.121.1.2.1.2) | not-accessible | No | Range from 1 to 12. |
| hh3cTrangeAbsoluteStartTime (1.3.6.1.4.1.25506.2.121.1.2.1.3) | read-create | Current | As per MIB |
| hh3cTrangeAbsoluteEndTime (1.3.6.1.4.1.25506.2.121.1.2.1.4) | read-create | Current | As per MIB |
| hh3cTrangeAbsolueRowStatus (1.3.6.1.4.1.25506.2.121.1.2.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

## hh3cTrangePeriodicTable

**OID: 1.3.6.1.4.1.25506.2.121.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTrangePeriodicNameIndex (1.3.6.1.4.1.25506.2.121.1.3.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTrangePeriodicSubIndex (1.3.6.1.4.1.25506.2.121.1.3.1.2) | not-accessible | No | Range from 1 to 32. |
| hh3cTrangePeriodicDayOfWeek (1.3.6.1.4.1.25506.2.121.1.3.1.3) | read-create | Current | As per MIB |
| hh3cTrangePeriodicStartTime (1.3.6.1.4.1.25506.2.121.1.3.1.4) | read-create | Current | As per MIB |
| hh3cTrangePeriodicEndTime (1.3.6.1.4.1.25506.2121.1.3.1.5) | read-create | Current | As per MIB |
| hh3cTrangePeriodicRowStatus (1.3.6.1.4.1.25506.2.121.1.3.1.6) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

# HH3C-TUNNEL-MIB

A configuration management MIB, configuration of tunnel.

All the configuration change events can be managed by the mib. The configuration may be changed by CLI, SNMP or other ways defined as the MIB.

## hh3cTunnelEviTable

**OID: 1.3.6.1.4.1.25506.2.53.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTunnelEviTunnNum  (1.3.6.1.4.1.25506.2.53.1.1.4.1.1) | not-accessible | Current | As per MIB |
| hh3cTunnelEviIfIndex  (1.3.6.1.4.1.25506.2.53.1.1.4.1.2) | read-only | Current | As per MIB |
| hh3cTunnelEviStatus  (1.3.6.1.4.1.25506.2.53.1.1.4.1.3) | read-create | Current | As per MIB |
| hh3cTunnelEviAddressType  (1.3.6.1.4.1.25506.2.53.1.1.4.1.4) | read-create | Current | Only support IPv4 type |
| hh3cTunnelEviLocalAddr (1.3.6.1.4.1.25506.2.53.1.1.4.1.5) | read-create | Current | As per MIB |
| hh3cTunnelEviNetworkID  (1.3.6.1.4.1.25506.2.53.1.1.4.1.6) | read-create | Current | As per MIB |
| hh3cTunnelEviKeepaliveInterval  ((1.3.6.1.4.1.25506.2.53.1.1.4.1.7) | read-create | Current | As per MIB |
| hh3cTunnelEviKeepaliveTimes  ((1.3.6.1.4.1.25506.2.53.1.1.4.1.8) | read-create | Current | As per MIB |

## hh3cTunnelEviLinkTable

**OID: 1.3.6.1.4.1.25506.2.53.1.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTunnelEviLinkNum  (1.3.6.1.4.1.25506.2.53.1.1.5.1.1) | not-accessible | Current | As per MIB |
| hh3cTunnelEviLinkIfIndex  (1.3.6.1.4.1.25506.2.53.1.1.5.1.2) | read-only | Current | As per MIB |
| hh3cTunnelEviLinkAddressType  (1.3.6.1.4.1.25506.2.53.1.1.5.1.3) | read-only | Current | As per MIB |
| hh3cTunnelEviLinkRemoteAddr  (1.3.6.1.4.1.25506.2.53.1.1.5.1.4) | read-only | Current | As per MIB |

# HH3C-UI-MAN-MIB

This MIB is used to manage user interfaces.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1) | accessible-for-notify | Current | As per MIB |
| hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2) | accessible-for-notify | Current | As per MIB |
| hh3cTerminalUserAuthFailureReason (1.3.6.1.4.1.25506.2.2.1.1.2.3) | accessible-for-notify | Current | Not supported |

# HH3C-USER-MIB

The HH3C-USER-MIB is used to manage local users of network class.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cUserMaxNum (1.3.6.1.4.1.25506.2.12.1.3) | read-only | No | As per MIB |
| hh3cUserCurrNum (1.3.6.1.4.1.25506.2.12.1.4) | read-only | Current | As per MIB |
| hh3cUserIndexIndicator (1.3.6.1.4.1.25506.2.12.1.5) | read-only | Current | As per MIB |

## hh3cUserInfoTable

**OID: 1.3.6.1.4.1.25506.2.12.1.1**

If hh3cUserPassword and hh3cAuthMode would be set, they must be set simultaneously.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cUserName (1.3.6.1.4.1.25506.2.12.1.1.1.1) | read-create | Current | The value could not be null, and could not be “a”, “al” and “all”.  The value could not contain some characters, such as ‘\’, ‘/’, ‘:’, ‘\*’, ‘?’, ‘<’, ‘>’ ,‘|’ and’@’ etc.  The length of the value must no more than 55.  The user name which will be created must not be existed, and it is case sensitive.  Can not be modified after creation. |
| hh3cUserPassword (1.3.6.1.4.1.25506.2.12.1.1.1.2) | read-create | Current | A cipher password is a case-sensitive string of 1 to 117 characters. A plaintext password is a case-sensitive string of 1 to 63 characters.  Get operation will return null string |
| hh3cAuthMode (1.3.6.1.4.1.25506.2.12.1.1.1.3) | read-create | Current | The value must be 0 or 7. |
| hh3cUserLevel (1.3.6.1.4.1.25506.2.12.1.1.1.4) | read-create | Current | Not supported |
| hh3cUserState (1.3.6.1.4.1.25506.2.12.1.1.1.5) | read-create | Current | As per MIB |
| hh3cUserInfoRowStatus (1.3.6.1.4.1.25506.2.12.1.1.1.6) | read-create | Current | As per MIB |
| hh3cUserIndex (1.3.6.1.4.1.25506.2.12.1.1.1.7) | not-accessible | Current | Range from 1 to 1024.  The value can’t be saved. |

## hh3cUserAttributeTable

**OID: 1.3.6.1.4.1.25506.2.12.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cAccessLimit (1.3.6.1.4.1.25506.2.12.1.2.1.1) | read-write | Current | The maximum user number of current user who can access devices. Default is 0, means no limit. Range from 0 to 1024. |
| hh3cIdleCut (1.3.6.1.4.1.25506.2.12.1.2.1.2) | read-write | Current | As per MIB |
| hh3cIPAddress (1.3.6.1.4.1.25506.2.12.1.2.1.3) | read-write | Current | Set local user's ip address.  The default value is 0.0.0.0. |
| hh3cNasIPAddress (1.3.6.1.4.1.25506.2.12.1.2.1.4) | read-write | Current | Not supported |
| hh3cSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.5) | read-write | Current | Not supported |
| hh3cSubSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.6) | read-write | Current | Not supported |
| hh3cPortNum (1.3.6.1.4.1.25506.2.12.1.2.1.7) | read-write | Current | Not supported |
| hh3cMacAddress (1.3.6.1.4.1.25506.2.12.1.2.1.8) | read-write | Current | As per MIB |
| hh3cVlan (1.3.6.1.4.1.25506.2.12.1.2.1.9) | read-write | Current | As per MIB |
| hh3cFtpService (1.3.6.1.4.1.25506.2.12.1.2.1.10) | read-write | Current | Not supported |
| hh3cFtpDirectory (1.3.6.1.4.1.25506.2.12.1.2.1.11) | read-write | Current | Not supported |
| hh3cLanAccessService (1.3.6.1.4.1.25506.2.12.1.2.1.12) | read-write | Current | As per MIB |
| hh3cSshService (1.3.6.1.4.1.25506.2.12.1.2.1.13) | read-write | Current | Not supported |
| hh3cTelnetService (1.3.6.1.4.1.25506.2.12.1.2.1.14) | read-write | Current | Not supported |
| hh3cTerminalService (1.3.6.1.4.1.25506.2.12.1.2.1.15) | read-write | Current | Not supported |
| hh3cExpirationDate (1.3.6.1.4.1.25506.2.12.1.2.1.16) | read-write | Current | Not supported |
| hh3cUserGroup (1.3.6.1.4.1.25506.2.12.1.2.1.17) | read-write | Current | The maximum length of the group name is 32. |
| hh3cPortalService (1.3.6.1.4.1.25506.2.12.1.2.1.18) | read-write | Current | As per MIB |
| hh3cPPPService (1.3.6.1.4.1.25506.2.12.1.2.1.19) | read-write | Current | As per MIB |
| hh3cHttpService (1.3.6.1.4.1.25506.2.12.1.2.1.20) | read-write | Current | Not supported |
| hh3cHttpsService (1.3.6.1.4.1.25506.2.12.1.2.1.21) | read-write | Current | Not supported |
| hh3cUserIfIndex (1.3.6.1.4.1.25506.2.12.1.2.1.22) | read-write | Current | As per MIB |

## hh3cUserRoleTable

**OID: 1.3.6.1.4.1.25506.2.12.1.6**

hh3cUserRoleTable is local user role table. If there are data in hh3cUserInfoTable, this table should have the relevant data.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cUserRole (1.3.6.1.4.1.25506.2.12.1.6.1.1) | not-accessable | Current | The default role is network-operater or mdc-operator. The maximum length of the role name is 63 |
| hh3cUserRoleStatus (1.3.6.1.4.1.25506.2.12.1.6.1.2) | read-create | Current | This object is responsible for managing the creation, deletion and modification of rows, which support active status and CreateAndGo, Destroy operation. To create a new row, hh3cUserIndex must be specified. The number of rows with same hh3cUserIndex cann't be more than 64. If the the number of rows with a hh3cUserIndex is 1, this row cann't be destroied. |

## hh3cUserGroupInfoTable

**OID: 1.3.6.1.4.1.25506.2.12.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cUserGroupName (1.3.6.1.4.1.25506.2.12.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cUserGroupInfoRowStatus (1.3.6.1.4.1.25506.2.12.2.1.1.2) | read-create | Current | As per MIB |

# HH3C-VSI-MIB

## hh3cVsiScalarGroup

**OID: 1.3.6.1.4.1.25506.2.105.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiNextAvailableVsiIndex (1.3.6.1.4.1.25506.2.105.1.1.1) | read-only | Current | As per MIB |
| hh3cVsiL2vpnStatus (1.3.6.1.4.1.25506.2.105.1.1.2) | read-write | Current | As per MIB |

## hh3cVsiTable

**OID: 1.3.6.1.4.1.25506.2.105.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiIndex (1.3.6.1.4.1.25506.2.105.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cVsiName (1.3.6.1.4.1.25506.2.105.1.2.1.2) | read-create | Current | Can not be modified after creation |
| hh3cVsiMode (1.3.6.1.4.1.25506.2.105.1.2.1.3) | read-create | Current | Not supported. The value is always 0. The variable value of set operation is ignored. |
| hh3cMinmIsid (1.3.6.1.4.1.25506.2.105.1.2.1.4) | read-create | Current | Not supported |
| hh3cVsiId (1.3.6.1.4.1.25506.2.105.1.2.1.5) | read-create | Current | Can not be modified after creation |
| hh3cVsiTransMode (1.3.6.1.4.1.25506.2.105.1.2.1.6) | read-create | Current | Not supported. The value is always vlan(1). The variable value of set operation is ignored. |
| hh3cVsiEnableHubSpoke (1.3.6.1.4.1.25506.2.105.1.2.1.7) | read-create | Current | Can not be modified after creation |
| hh3cVsiAdminState (1.3.6.1.4.1.25506.2.105.1.2.1.8) | read-create | Current | The default value is adminUp(1) |
| hh3cVsiRowStatus (1.3.6.1.4.1.25506.2.105.1.2.1.9) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). Active(1) is only used to change the value of hh3cVsiAdminState, hh3cVsiArpSuppression, hh3cVsiFlooding. |
| hh3cVsiSpbIsid (1.3.6.1.4.1.25506.2.105.1.2.1.10) | read-create | Current | Not supported |
| hh3cVsiVxlanID (1.3.6.1.4.1.25506.2.105.1.2.1.11) | read-only | Current | As per MIB |
| hh3cVsiArpSuppression (1.3.6.1.4.1.25506.2.105.1.2.1.12) | read-create | Current | As per MIB |
| hh3cVsiFlooding (1.3.6.1.4.1.25506.2.105.1.2.1.13) | read-create | Current | As per MIB |
| hh3cVsiLocalMacCount (1.3.6.1.4.1.25506.2.105.1.2.1.14) | read-only | Current | The value is always zero when the value of hh3cVsiVxlanID is invalid. The value may be not zero when the value of hh3cVsiVxlanID is valid. |
| hh3cVsiInterfaceID (1.3.6.1.4.1.25506.2.105.1.2.1.15) | read-create | Current | As per MIB |

## hh3cVsiPwBindTable

**OID: 1.3.6.1.4.1.25506.2.105.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiPwIndex (1.3.6.1.4.1.25506.2.105.1.4.1.1) | not-accessible | No | As per MIB |
| hh3cVsiPwBindAttributes (1.3.6.1.4.1.25506.2.105.1.4.1.2) | read-create | Current | As per MIB |
| hh3cVsiPwBindRowStatus (1.3.6.1.4.1.25506.2.105.1.4.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## hh3cVsiFloodMacTable

**OID: 1.3.6.1.4.1.25506.2.105.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiFloodMac (1.3.6.1.4.1.25506.2.105.1.5.1.1) | not-accessible | No | As per MIB |
| hh3cVsiFloodMacRowStatus (1.3.6.1.4.1.25506.2.105.1.5.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cVsiLocalMacTable

**OID: 1.3.6.1.4.1.25506.2.105.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiLocalMacAddr (1.3.6.1.4.1.25506.2.105.1.6.1.1) | not-accessible | No | As per MIB |
| hh3cVsiLocalMacIfIndex (1.3.6.1.4.1.25506.2.105.1.6.1.2) | read-only | Current | As per MIB |
| hh3cVsiLocalMacSrvID (1.3.6.1.4.1.25506.2.105.1.6.1.3) | read-only | Current | As per MIB |

## hh3cVsiNextAvailableVsiIfID

**OID: 1.3.6.1.4.1.25506.2.105.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiNextAvailableVsiIfID (1.3.6.1.4.1.25506.2.105.1.8) | read-only | No | As per MIB |

## hh3cVsiIfTable

**OID: 1.3.6.1.4.1.25506.2.105.1.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVsiIfID (1.3.6.1.4.1.25506.2.105.1.9.1.1) | not-accessible | Current | As per MIB |
| hh3cVsiIfIndex (1.3.6.1.4.1.25506.2.105.1.9.1.2) | read-only | Current | As per MIB |
| hh3cVsiIfRowStatus (1.3.6.1.4.1.25506.2.105.1.9.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

# HH3C-VXLAN-MIB

## hh3cVxlanScalarGroup

**OID: 1.3.6.1.4.1.25506.2.150.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanLocalMacNotify (1.3.6.1.4.1.25506.2.150.1.1.1) | read-write | Current | As per MIB |
| hh3cVxlanRemoteMacLearn (1.3.6.1.4.1.25506.2.150.1.1.2) | read-write | Current | As per MIB |
| hh3cVxlanNextVxlanID (1.3.6.1.4.1.25506.2.150.1.1.3) | read-only | Current | As per MIB |
| hh3cVxlanConfigured (1.3.6.1.4.1.25506.2.150.1.1.4) | read-only | Current | As per MIB |

## hh3cVxlanTable

**OID: 1.3.6.1.4.1.25506.2.150.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanID (1.3.6.1.4.1.25506.2.150.1.2.1.1) | not-accessible | No | As per MIB |
| hh3cVxlanAddrType (1.3.6.1.4.1.25506.2.150.1.2.1.2) | read-create | Current | Only support ipv4(1) |
| hh3cVxlanGroupAddr (1.3.6.1.4.1.25506.2.150.1.2.1.3) | read-create | Current | As per MIB |
| hh3cVxlanSourceAddr (1.3.6.1.4.1.25506.2.150.1.2.1.4) | read-create | Current | As per MIB |
| hh3cVxlanVsiIndex (1.3.6.1.4.1.25506.2.150.1.2.1.5) | read-create | Current | Can not be modified after creation |
| hh3cVxlanRemoteMacCount (1.3.6.1.4.1.25506.2.150.1.2.1.6) | read-only | No | As per MIB |
| hh3cVxlanRowStatus (1.3.6.1.4.1.25506.2.150.1.2.1.7) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). Active(1) is only used to change the value of hh3cVxlanGroupAddr, hh3cVxlanSourceAddr |

## hh3cVxlanTunnelTable

**OID: 1.3.6.1.4.1.25506.2.150.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanTunnelID (1.3.6.1.4.1.25506.2.150.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cVxlanTunnelRowStatus (1.3.6.1.4.1.25506.2.150.1.3.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |
| hh3cVxlanTunnelOctets (1.3.6.1.4.1.25506.2.150.1.3.1.3) | read-only | No | As per MIB |
| hh3cVxlanTunnelPackets (1.3.6.1.4.1.25506.2.150.1.3.1.4) | read-only | No | As per MIB |

## hh3cVxlanTunnelBoundTable

**OID: 1.3.6.1.4.1.25506.2.150.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanTunnelBoundVxlanNum (1.3.6.1.4.1.25506.2.150.1.4.1.1) | read-only | Current | As per MIB |

## hh3cVxlanMacTable

**OID: 1.3.6.1.4.1.25506.2.150.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanMacAddr (1.3.6.1.4.1.25506.2.150.1.5.1.1) | not-accessible | No | As per MIB |
| hh3cVxlanTunnelID (1.3.6.1.4.1.25506.2.150.1.5.1.2) | read-only | Current | As per MIB |
| hh3cVxlanMacType (1.3.6.1.4.1.25506.2.150.1.5.1.3) | read-only | Current | As per MIB |

## hh3cVxlanStaticMacTable

**OID: 1.3.6.1.4.1.25506.2.150.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| hh3cVxlanStaticMacAddr (1.3.6.1.4.1.25506.2.150.1.6.1.1) | not-accessible | No | As per MIB |
| hh3cVxlanStaticMacTunnelID (1.3.6.1.4.1.25506.2.150.1.6.1.2) | read-create | Current | Can not be modified after creation |
| hh3cVxlanStaticMacRowStatus (1.3.6.1.4.1.25506.2.150.1.6.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

# IEEE8023-LAG-MIB

Management Information Base module for LAGG configuration, statistics, local system data, and remote systems data components.

## Scalar objects

**OID: 1.0.8802.1.1.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adTablesLastChanged (1.2.840.10006.300.43.1.3) | Read-only | No | Not supported |

## dot3adAggTable

**OID: 1.2.840.10006.300.43.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adAggIndex (1.2.840.10006.300.43.1.1.1.1.1) | not-accessible | No | As per MIB |
| dot3adAggMACAddress (1.2.840.10006.300.43.1.1.1.1.2) | read-only | No | As per MIB |
| dot3adAggActorSystemPriority (1.2.840.10006.300.43.1.1.1.1.3) | read-write | Current | As per MIB |
| dot3adAggActorSystemID (1.2.840.10006.300.43.1.1.1.1.4) | read-only | No | As per MIB |
| dot3adAggAggregateOrIndividual (1.2.840.10006.300.43.1.1.1.1.5) | read-only | No | As per MIB |
| dot3adAggActorAdminKey (1.2.840.10006.300.43.1.1.1.1.6) | read-write | Current | Only support read operation |
| dot3adAggActorOperKey (1.2.840.10006.300.43.1.1.1.1.7) | read-only | No | As per MIB |
| dot3adAggPartnerSystemID (1.2.840.10006.300.43.1.1.1.1.8) | read-only | No | As per MIB |
| dot3adAggPartnerSystemPriority (1.2.840.10006.300.43.1.1.1.1.9) | read-only | No | As per MIB |
| dot3adAggPartnerOperKey (1.2.840.10006.300.43.1.1.1.1.10) | read-only | No | As per MIB |
| dot3adAggCollectorMaxDelay (1.2.840.10006.300.43.1.1.1.1.11) | read-write | Current | Only support read operation. The value is always zero. |

## dot3adAggPortListTable

**OID: 1.2.840.10006.300.43.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adAggPortListPorts (1.2.840.10006.300.43.1.1.2.1.1) | read-only | No | As per MIB |

## dot3adAggPortTable

**OID: 1.2.840.10006.300.43.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adAggPortIndex (1.2.840.10006.300.43.1.2.1.1.1) | not-accessible | No | As per MIB |
| dot3adAggPortActorSystemPriority (1.2.840.10006.300.43.1.2.1.1.2) | read-write | Current | As per MIB |
| dot3adAggPortActorSystemID (1.2.840.10006.300.43.1.2.1.1.3) | read-only | No | As per MIB |
| dot3adAggPortActorAdminKey (1.2.840.10006.300.43.1.2.1.1.4) | read-write | Current | As per MIB |
| dot3adAggPortActorOperKey (1.2.840.10006.300.43.1.2.1.1.5) | read-write | no | Only support read operation |
| dot3adAggPortPartnerAdminSystemPriority (1.2.840.10006.300.43.1.2.1.1.6) | read-write | Current | Only support read operation. The value is always 32768. |
| dot3adAggPortPartnerOperSystemPriority (1.2.840.10006.300.43.1.2.1.1.7) | read-only | No | As per MIB |
| dot3adAggPortPartnerAdminSystemID (1.2.840.10006.300.43.1.2.1.1.8) | read-write | Current | Only support read operation. The value is always zero. |
| dot3adAggPortPartnerOperSystemID (1.2.840.10006.300.43.1.2.1.1.9) | read-only | No | As per MIB |
| dot3adAggPortPartnerAdminKey (1.2.840.10006.300.43.1.2.1.1.10) | read-write | Current | Only support read operation. The value is always zero. |
| dot3adAggPortPartnerOperKey (1.2.840.10006.300.43.1.2.1.1.11) | read-only | No | As per MIB |
| dot3adAggPortSelectedAggID (1.2.840.10006.300.43.1.2.1.1.12) | read-only | No | As per MIB |
| dot3adAggPortAttachedAggID (1.2.840.10006.300.43.1.2.1.1.13) | read-only | No | As per MIB |
| dot3adAggPortActorPort (1.2.840.10006.300.43.1.2.1.1.14) | read-only | No | As per MIB |
| dot3adAggPortActorPortPriority (1.2.840.10006.300.43.1.2.1.1.15) | read-write | Current | As per MIB |
| dot3adAggPortPartnerAdminPort (1.2.840.10006.300.43.1.2.1.1.16) | read-write | Current | Only support read operation. The value is always zero. |
| dot3adAggPortPartnerOperPort (1.2.840.10006.300.43.1.2.1.1.17) | read-only | No | As per MIB |
| dot3adAggPortPartnerAdminPortPriority (1.2.840.10006.300.43.1.2.1.1.18) | read-write | current | Only support read operation. The value is always 32768. |
| dot3adAggPortPartnerOperPortPriority (1.2.840.10006.300.43.1.2.1.1.19) | read-only | No | As per MIB |
| dot3adAggPortActorAdminState (1.2.840.10006.300.43.1.2.1.1.20) | read-write | Current | Only the LACP\_Timeout bit supports write operation. The value is always A2 or E2 (hex) if the port is a member of dynamic link aggregation group, otherwise 00 (hex). |
| dot3adAggPortActorOperState (1.2.840.10006.300.43.1.2.1.1.21) | read-only | No | As per MIB |
| dot3adAggPortPartnerAdminState (1.2.840.10006.300.43.1.2.1.1.22) | read-write | Current | Only support read operation. The value is always 1C hex if the port is a member of dynamic link aggregation group, otherwise 00 hex. |
| dot3adAggPortPartnerOperState (1.2.840.10006.300.43.1.2.1.1.23) | read-only | No | As per MIB |
| dot3adAggPortAggregateOrIndividual (1.2.840.10006.300.43.1.2.1.1.24) | read-only | No | As per MIB |

## dot3adAggPortStatsTable

**OID: 1.2.840.10006.300.43.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adAggPortStatsLACPDUsRx (1.2.840.10006.300.43.1.2.2.1.1) | read-only | No | As per MIB |
| dot3adAggPortStatsMarkerPDUsRx (1.2.840.10006.300.43.1.2.2.1.2) | read-only | No | As per MIB |
| dot3adAggPortStatsMarkerResponsePDUsRx (1.2.840.10006.300.43.1.2.2.1.3) | read-only | No | As per MIB |
| dot3adAggPortStatsUnknownRx (1.2.840.10006.300.43.1.2.2.1.4) | read-only | No | As per MIB |
| dot3adAggPortStatsIllegalRx (1.2.840.10006.300.43.1.2.2.1.5) | read-only | No | As per MIB |
| dot3adAggPortStatsLACPDUsTx (1.2.840.10006.300.43.1.2.2.1.6) | read-only | No | As per MIB |
| dot3adAggPortStatsMarkerPDUsTx (1.2.840.10006.300.43.1.2.2.1.7) | read-only | No | As per MIB |
| dot3adAggPortStatsMarkerResponsePDUsTx (1.2.840.10006.300.43.1.2.2.1.8) | read-only | No | As per MIB |

## dot3adAggPortDebugTable

**OID: 1.2.840.10006.300.43.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot3adAggPortDebugRxState (1.2.840.10006.300.43.1.2.3.1.1) | read-only | No | As per MIB |
| dot3adAggPortDebugLastRxTime (1.2.840.10006.300.43.1.2.3.1.2) | read-only | No | As per MIB |
| dot3adAggPortDebugMuxState (1.2.840.10006.300.43.1.2.3.1.3) | read-only | No | As per MIB |
| dot3adAggPortDebugMuxReason (1.2.840.10006.300.43.1.2.3.1.4) | read-only | No | As per MIB |
| dot3adAggPortDebugActorChurnState (1.2.840.10006.300.43.1.2.3.1.5) | read-only | No | As per MIB |
| dot3adAggPortDebugPartnerChurnState (1.2.840.10006.300.43.1.2.3.1.6) | read-only | No | As per MIB |
| dot3adAggPortDebugActorChurnCount (1.2.840.10006.300.43.1.2.3.1.7) | read-only | No | As per MIB |
| dot3adAggPortDebugPartnerChurnCount (1.2.840.10006.300.43.1.2.3.1.8) | read-only | No | As per MIB |
| dot3adAggPortDebugActorSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.9) | read-only | No | Not supported |
| dot3adAggPortDebugPartnerSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.10) | read-only | No | Not supported |
| dot3adAggPortDebugActorChangeCount (1.2.840.10006.300.43.1.2.3.1.11) | read-only | No | As per MIB |
| dot3adAggPortDebugPartnerChangeCount (1.2.840.10006.300.43.1.2.3.1.12) | read-only | No | As per MIB |

# IF-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifNumber(1.3.6.1.2.1.2.1) | read-only | No | As per MIB |
| ifTableLastChange (1.3.6.1.2.1.31.1.5) | read-only | No | As per MIB |
| ifStackLastChange (1.3.6.1.2.1.31.1.6) | read-only | No | Not supported |

## ifTable

**OID: 1.3.6.1.2.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifIndex (1.3.6.1.2.1.2.2.1.1) | read-only | Current | As per MIB |
| ifDescr (1.3.6.1.2.1.2.2.1.2) | read-only | No | A textual string containing information about the interface. Such as null0, Vlan-interface2, Gigabitethernet1/0/1,  Ten-Gigabitethernet2/0/1 |
| ifType (1.3.6.1.2.1.2.2.1.3) | read-only | Current | The type of interface, distinguished according to the physical/link protocol(s) immediately `below' the network layer in the protocol stack.  other(1), regular1822(2), hdh1822(3), ddn-x25(4), rfc877-x25(5), ethernet-csmacd(6), iso88023-csmacd(7), iso88024-tokenBus(8),  iso88025-tokenRing(9),  iso88026-man(10),  starLan(11),  proteon-10Mbit(12),  proteon-80Mbit(13),  hyperchannel(14),  fddi(15),  lapb(16),  sdlc(17),  ds1(18), e1(19),  basicISDN(20),  primaryISDN(21), propPointToPointSerial(22),  ppp(23),  softwareLoopback(24),  eon(25), -ethernet-3Mbit(26),  nsip(27), slip(28), ultra(29), ds3(30), sip(31), frame-relay(32),  l3ipvlan(136). |
| ifMtu (1.3.6.1.2.1.2.2.1.4) | read-only | Current | The size of the largest datagram which can be sent/received by interface in octets. If this port is stack port, the value is invalid. |
| ifSpeed (1.3.6.1.2.1.2.2.1.5) | read-only | Current | An estimate of the interface's current bandwidth in bits per second. |
| ifPhysAddress (1.3.6.1.2.1.2.2.1.6) | read-only | Current | MAC address  For switches, the following type of interfaces support mac address:  M-Ethernet(Management Ethernet) port  Vlan interface  Ethernet port  GigabitEthernet port  XGigabitEthernet port  Forty-GigabitEthernet port  Hundred-GigabitEthernet port  Other type of interfaces don’t support mac address |
| ifAdminStatus (1.3.6.1.2.1.2.2.1.7) | read- write | Current | enable or disable an interface, ”testing” is not supported |
| ifOperStatus (1.3.6.1.2.1.2.2.1.8) | read-only | Current | The current operational state (link status) of the interface. |
| ifLastChange (1.3.6.1.2.1.2.2.1.9) | read-only | No | The value of sysUpTime at the time the interface entered its current operational state. If the current state was entered prior to the last re-initialization of the local network management subsystem, then this object contains a zero value. |
| ifInOctets (1.3.6.1.2.1.2.2.1.10) | read-only | No | As per MIB |
| ifInUcastPkts (1.3.6.1.2.1.2.2.1.11) | read-only | No | As per MIB |
| ifInNUcastPkts (1.3.6.1.2.1.2.2.1.12) | read-only | No | As per MIB |
| ifInDiscards (1.3.6.1.2.1.2.2.1.13) | read-only | No | As per MIB |
| ifInErrors (1.3.6.1.2.1.2.2.1.14) | read-only | No | As per MIB |
| ifInUnknownProtos (1.3.6.1.2.1.2.2.1.15) | read-only | No | As per MIB |
| ifOutOctets (1.3.6.1.2.1.2.2.1.16) | read-only | No | As per MIB |
| ifOutUcastPkts (1.3.6.1.2.1.2.2.1.17) | read-only | No | As per MIB |
| ifOutNUcastPkts (1.3.6.1.2.1.2.2.1.18) | read-only | No | As per MIB |
| ifOutDiscards (1.3.6.1.2.1.2.2.1.19) | read-only | No | As per MIB |
| ifOutErrors (1.3.6.1.2.1.2.2.1.20) | read-only | No | As per MIB |
| ifOutQLen (1.3.6.1.2.1.2.2.1.21) | read-only | No | As per MIB |
| ifSpecific (1.3.6.1.2.1.2.2.1.22) | read-only | No | As per MIB |

## ifXTable

**OID: 1.3.6.1.2.1.31.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifName (1.3.6.1.2.1.31.1.1.1.1) | read-only | No | interface name, same as ifDescr in ifTable |
| ifInMulticastPkts (1.3.6.1.2.1.31.1.1.1.2) | read-only | No | As per MIB |
| ifInBroadcastPkts (1.3.6.1.2.1.31.1.1.1.3) | read-only | No | As per MIB |
| ifOutMulticastPkts (1.3.6.1.2.1.31.1.1.1.4) | read-only | No | As per MIB |
| ifOutBroadcastPkts (1.3.6.1.2.1.31.1.1.1.5) | read-only | No | As per MIB |
| ifHCInOctets (1.3.6.1.2.1.31.1.1.1.6) | read-only | No | As per MIB |
| ifHCInUcastPkts (1.3.6.1.2.1.31.1.1.1.7) | read-only | No | As per MIB |
| ifHCInMulticastPkts (1.3.6.1.2.1.31.1.1.1.8) | read-only | No | As per MIB |
| ifHCInBroadcastPkts (1.3.6.1.2.1.31.1.1.1.9) | read-only | No | As per MIB |
| ifHCOutOctets (1.3.6.1.2.1.31.1.1.1.10) | read-only | No | As per MIB |
| ifHCOutUcastPkts (1.3.6.1.2.1.31.1.1.1.11) | read-only | No | As per MIB |
| ifHCOutMulticastPkts (1.3.6.1.2.1.31.1.1.1.12) | read-only | No | As per MIB |
| ifHCOutBroadcastPkts (1.3.6.1.2.1.31.1.1.1.13) | read-only | No | As per MIB |
| ifLinkUpDownTrapEnable (1.3.6.1.2.1.31.1.1.1.14) | read-write | Current | As per MIB |
| ifHighSpeed (1.3.6.1.2.1.31.1.1.1.15) | read-only | No | As per MIB |
| ifPromiscuousMode (1.3.6.1.2.1.31.1.1.1.16) | read-write | No | It is only available for Ethernet (GigabitEthernet, Ten-GigabitEthernet, Forty-GigabitEthernet, Hundred-GigabitEthernet) interface working at route mode. For others, only read is supported and the value is always false(2), which means not supported. |
| ifConnectorPresent (1.3.6.1.2.1.31.1.1.1.17) | read-only | No | As per MIB |
| ifAlias (1.3.6.1.2.1.31.1.1.1.18) | read-write | Current | Spaces at the beginning or at the end of the ifAlias are not supported and will be removed. A string fully composed with spaces is not supported either. A null string inputted as ifAlias will be replaced with the whole name of the interface which is the default value of the ifAlias.  The max length of ifAlias mib supports is 64, while the commandline supports 255. So if the length of ifAlias is larger than 64, only the former 64 letters are legal for MIB.  Default for each interface is “xxxx Interface”. xxxx is interface name. |
| ifCounterDiscontinuityTime (1.3.6.1.2.1.31.1.1.1.19) | read-only | No | As per MIB |

## ifStackTable

Not supported.

## ifTestTable

Not supported.

## ifRcvAddressTable

**OID: 1.3.6.1.2.1.31.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifRcvAddressAddress (1.3.6.1.2.1.31.1.4.1.1) | not-accessible | No | Only supported read operation. |
| ifRcvAddressStatus (1.3.6.1.2.1.31.1.4.1.2) | read-create | No | Only supported read operation. |
| ifRcvAddressType (1.3.6.1.2.1.31.1.4.1.3) | read-create | No | Only supported read operation. |

# IGMP-STD-MIB

The IGMP-STD-MIB contains two tables:

(1) the IGMP Interface Table which contains one row for each interface on which IGMP is enabled.

(2) the IGMP Cache Table which contains one row for each IP multicast group for which there are members on a particular interface.

Both tables are intended to be implemented by hosts and routers, but some columnar objects in each table apply only to routers.

## igmpInterfaceTable

**OID: 1.3.6.1.2.1.85.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| igmpInterfaceIfIndex  (1.3.6.1.2.1.85.1.1.1.1) | not-accessible | Current | As per MIB |
| igmpInterfaceQueryInterval  (1.3.6.1.2.1.85.1.1.1.2) | read-create | Current | Range from 1 to 31744 |
| igmpInterfaceStatus  (1.3.6.1.2.1.85.1.1.1.3) | read-create | Current | Only support active(1), createAndGo(4), destroy(6) |
| igmpInterfaceVersion  (1.3.6.1.2.1.85.1.1.1.4) | read-create | Current | Range from 1 to 2 |
| igmpInterfaceQuerier  (1.3.6.1.2.1.85.1.1.1.5) | read-only | No | As per MIB |
| igmpInterfaceQueryMaxResponseTime  (1.3.6.1.2.1.85.1.1.1.6) | read-create | Current | Range from 10 to 250 |
| igmpInterfaceQuerierUpTime  (1.3.6.1.2.1.85.1.1.1.7) | read-only | No | As per MIB |
| igmpInterfaceQuerierExpiryTime  (1.3.6.1.2.1.85.1.1.1.8) | read-only | No | As per MIB |
| igmpInterfaceVersion1QuerierTimer  (1.3.6.1.2.1.85.1.1.1.9) | read-only | No | Not supported |
| igmpInterfaceWrongVersionQueries  (1.3.6.1.2.1.85.1.1.1.10) | read-only | No | Not supported |
| igmpInterfaceJoins  (1.3.6.1.2.1.85.1.1.1.11) | read-only | No | As per MIB |
| igmpInterfaceProxyIfIndex  (1.3.6.1.2.1.85.1.1.1.12) | read-create | Current | Only support read operation |
| igmpInterfaceGroups  (1.3.6.1.2.1.85.1.1.1.13) | read-only | No | As per MIB |
| igmpInterfaceRobustness  (1.3.6.1.2.1.85.1.1.1.14) | read-create | Current | As per MIB |
| igmpInterfaceLastMembQueryIntvl  (1.3.6.1.2.1.85.1.1.1.15) | read-create | Current | Range from 10 to 250 |

## igmpCacheTable

**OID: 1.3.6.1.2.1.85.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| igmpCacheAddress  (1.3.6.1.2.1.85.1.2.1.1) | not-accessible | No | As per MIB |
| igmpCacheIfIndex  (1.3.6.1.2.1.85.1.2.1.2) | not-accessible | No | As per MIB |
| igmpCacheSelf  (1.3.6.1.2.1.85.1.2.1.3) | read-create | No | Only support read operation, and the default value is false(2) |
| igmpCacheLastReporter  (1.3.6.1.2.1.85.1.2.1.4) | read-only | No | As per MIB |
| igmpCacheUpTime  (1.3.6.1.2.1.85.1.2.1.5) | read-only | No | As per MIB |
| igmpCacheExpiryTime  (1.3.6.1.2.1.85.1.2.1.6) | read-only | No | As per MIB |
| igmpCacheStatus  (1.3.6.1.2.1.85.1.2.1.7) | read-create | No | Only support read operation |
| igmpCacheVersion1HostTimer  (1.3.6.1.2.1.85.1.2.1.8) | read-only | No | As per MIB |

# IP-FORWARD-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipCidrRouteNumber(1.3.6.1.2.1.4.24.3) | read-only | No | As per MIB |
| inetCidrRouteNumber (1.3.6.1.2.1.4.24.6) | read-only | No | As per MIB |
| inetCidrRouteDiscards (1.3.6.1.2.1.4.24.8) | read-only | No | As per MIB |

## ipCidrRouteTable

**OID: 1.3.6.1.2.1.4.24.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipCidrRouteDest(1.3.6.1.2.1.4.24.4.1.1) | read-only | No | As per MIB |
| ipCidrRouteMask(1.3.6.1.2.1.4.24.4.1.2) | read-only | No | As per MIB |
| ipCidrRouteTos(1.3.6.1.2.1.4.24.4.1.3) | read-only | No | As per MIB |
| ipCidrRouteNextHop(1.3.6.1.2.1.4.24.4.1.4) | read-only | No | As per MIB |
| ipCidrRouteIfIndex(1.3.6.1.2.1.4.24.4.1.5) | read-create | No | Only support read |
| ipCidrRouteType(1.3.6.1.2.1.4.24.4.1.6) | read-create | No | Only support read |
| ipCidrRouteProto(1.3.6.1.2.1.4.24.4.1.7) | read-only | No | As per MIB |
| ipCidrRouteAge(1.3.6.1.2.1.4.24.4.1.8) | read-only | No | As per MIB |
| ipCidrRouteInfo(1.3.6.1.2.1.4.24.4.1.9) | read-create | No | Only support read |
| ipCidrRouteNextHopAS(1.3.6.1.2.1.4.24.4.1.10) | read-create | No | Only support read |
| ipCidrRouteMetric1(1.3.6.1.2.1.4.24.4.1.11) | read-create | No | Only support read |
| ipCidrRouteMetric2(1.3.6.1.2.1.4.24.4.1.12) | read-create | No | Only support read |
| ipCidrRouteMetric3(1.3.6.1.2.1.4.24.4.1.13) | read-create | No | Only support read |
| ipCidrRouteMetric4(1.3.6.1.2.1.4.24.4.1.14) | read-create | No | Only support read |
| ipCidrRouteMetric5(1.3.6.1.2.1.4.24.4.1.15) | read-create | No | Only support read |
| ipCidrRouteStatus(1.3.6.1.2.1.4.24.4.1.16) | read-create | No | As per MIB |

## inetCidrRouteTable

**OID: 1.3.6.1.2.1.4.24.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| inetCidrRouteDestType  (1.3.6.1.2.1.4.24.7.1.1) | not-accessible | No | As per MIB |
| inetCidrRouteDest  (1.3.6.1.2.1.4.24.7.1.2) | not-accessible | No | As per MIB |
| inetCidrRoutePfxLen  (1.3.6.1.2.1.4.24.7.1.3) | not-accessible | No | As per MIB |
| inetCidrRoutePolicy  (1.3.6.1.2.1.4.24.7.1.4) | not-accessible | No | As per MIB |
| inetCidrRouteNextHopType  (1.3.6.1.2.1.4.24.7.1.5) | not-accessible | No | As per MIB |
| inetCidrRouteNextHop  (1.3.6.1.2.1.4.24.7.1.6) | not-accessible | No | As per MIB |
| inetCidrRouteIfIndex  (1.3.6.1.2.1.4.24.7.1.7) | read-create | No | Only support read operation |
| inetCidrRouteType  (1.3.6.1.2.1.4.24.7.1.8) | read-create | No | There are only three types: remote,local and blackhole  Only support read operation |
| inetCidrRouteProto  (1.3.6.1.2.1.4.24.7.1.9) | read-only | No | Support local, netmgmt, rip, ospf, is-is, bgp, other (means not specified). |
| inetCidrRouteAge  (1.3.6.1.2.1.4.24.7.1.10) | read-only | No | As per MIB |
| inetCidrRouteNextHopAS  (1.3.6.1.2.1.4.24.7.1.11) | read-create | No | The value is always 0,  Only support read operation |
| inetCidrRouteMetric1  (1.3.6.1.2.1.4.24.7.1.12) | read-create | No | Interior metric of this route, Only support read operation |
| inetCidrRouteMetric2  (1.3.6.1.2.1.4.24.7.1.13) | read-create | No | The value is always -1,  Only support read operation |
| inetCidrRouteMetric3  (1.3.6.1.2.1.4.24.7.1.14) | read-create | No | The value is always -1,  Only support read operation |
| inetCidrRouteMetric4  (1.3.6.1.2.1.4.24.7.1.15) | read-create | No | The value is always -1,  Only support read operation |
| inetCidrRouteMetric5  (1.3.6.1.2.1.4.24.7.1.16) | read-create | No | The value is always -1,  Only support read operation |
| inetCidrRouteStatus  (1.3.6.1.2.1.4.24.7.1.17) | read-create | No | Only support read operation |

# IPMCAST-MIB

The IPMCAST-MIB is used for managing IP multicast function, including IP multicast routing.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastEnabled (1.3.6.1.2.1.168.1.1) | read-write | Current | As per MIB |
| ipMcastRouteEntryCount (1.3.6.1.2.1.168.1.2) | read-only | No | As per MIB |
| ipMcastDeviceConfigStorageType (1.3.6.1.2.1.168.1.11) | read-write | No | Only support read operation. The value is always nonVolatile(3) |

## ipMcastInterfaceTable

**OID: 1.3.6.1.2.1.168.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastInterfaceIPVersion (1.3.6.1.2.1.168.1.3.1.1) | not-accessible | Current | As per MIB |
| ipMcastInterfaceIfIndex (1.3.6.1.2.1.168.1.3.1.2) | not-accessible | Current | As per MIB |
| ipMcastInterfaceTtl (1.3.6.1.2.1.168.1.3.1.3) | read-write | No | Only support read operation. The value is always 0 |
| ipMcastInterfaceRateLimit (1.3.6.1.2.1.168.1.3.1.4) | read-write | No | Only support read operation. The value is always 0 |
| ipMcastInterfaceStorageType(1.3.6.1.2.1.168.1.3.1.5) | read-write | No | Only support read operation. The value is always readOnly(5) |

## ipMcastSsmRangeTable

**OID: 1.3.6.1.2.1.168.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastSsmRangeAddressType (1.3.6.1.2.1.168.1.4.1.1) | not-accessible | Current | As per MIB |
| ipMcastSsmRangeAddress (1.3.6.1.2.1.168.1.4.1.2) | not-accessible | Current | As per MIB |
| ipMcastSsmRangePrefixLength (1.3.6.1.2.1.168.1.4.1.3) | not-accessible | Current | As per MIB |
| ipMcastSsmRangeRowStatus (1.3.6.1.2.1.168.1.4.1.4) | read-create | No | Only support read operation. The value is always active(1) |
| ipMcastInterfaceStorageType(1.3.6.1.2.1.168.1.4.1.5) | read-create | No | Only support read operation. The value is always readOnly(5) |

## ipMcastRouteTable

**OID: 1.3.6.1.2.1.168.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastRouteGroupAddressType (1.3.6.1.2.1.168.1.5.1.1) | not-accessible | Current | As per MIB |
| ipMcastRouteGroup (1.3.6.1.2.1.168.1.5.1.2) | not-accessible | Current | As per MIB |
| ipMcastRouteGroupPrefixLength (1.3.6.1.2.1.168.1.5.1.3) | not-accessible | Current | As per MIB |
| ipMcastRouteSourceAddressType (1.3.6.1.2.1.168.1.5.1.4) | not-accessible | Current | As per MIB |
| ipMcastRouteSource (1.3.6.1.2.1.168.1.5.1.5) | not-accessible | Current | As per MIB |
| ipMcastRouteSourcePrefixLength (1.3.6.1.2.1.168.1.5.1.6) | not-accessible | Current | As per MIB |
| ipMcastRouteUpstreamNeighborType (1.3.6.1.2.1.168.1.5.1.7) | read-only | No | As per MIB |
| ipMcastRouteUpstreamNeighbor (1.3.6.1.2.1.168.1.5.1.8) | read-only | No | As per MIB |
| ipMcastRouteInIfIndex (1.3.6.1.2.1.168.1.5.1.9) | read-only | No | As per MIB |
| ipMcastRouteTimeStamp (1.3.6.1.2.1.168.1.5.1.10) | read-only | No | As per MIB |
| ipMcastRouteExpiryTime (1.3.6.1.2.1.168.1.5.1.11) | read-only | No | As per MIB |
| ipMcastRouteProtocol (1.3.6.1.2.1.168.1.5.1.12) | read-only | No | As per MIB |
| ipMcastRouteRtProtocol (1.3.6.1.2.1.168.1.5.1.13) | read-only | No | As per MIB |
| ipMcastRouteRtAddressType (1.3.6.1.2.1.168.1.5.1.14) | read-only | No | As per MIB |
| ipMcastRouteRtAddress (1.3.6.1.2.1.168.1.5.1.15) | read-only | No | As per MIB |
| ipMcastRouteRtPrefixLength (1.3.6.1.2.1.168.1.5.1.16) | read-only | No | For ‘ipv4’, range from 0 to 32; For ‘ipv6’, range from 0 to 128 |
| ipMcastRouteRtType (1.3.6.1.2.1.168.1.5.1.17) | read-only | No | As per MIB |
| ipMcastRouteOctets (1.3.6.1.2.1.168.1.5.1.18) | read-only | No | As per MIB |
| ipMcastRoutePkts (1.3.6.1.2.1.168.1.5.1.19) | read-only | No | As per MIB |
| ipMcastRouteTtlDropOctets (1.3.6.1.2.1.168.1.5.1.20) | read-only | No | Not supported |
| ipMcastRouteTtlDropPackets (1.3.6.1.2.1.168.1.5.1.21) | read-only | No | Not supported |
| ipMcastRouteDifferentInIfOctets (1.3.6.1.2.1.168.1.5.1.22) | read-only | No | As per MIB |
| ipMcastRouteDifferentInIfPackets (1.3.6.1.2.1.168.1.5.1.23) | read-only | No | As per MIB |
| ipMcastRouteBps (1.3.6.1.2.1.168.1.5.1.24) | read-only | No | Not supported |

## ipMcastRouteNextHopTable

**OID: 1.3.6.1.2.1.168.1.6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastRouteNextHopGroupAddressType (1.3.6.1.2.1.168.1.6.1.1) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopGroup (1.3.6.1.2.1.168.1.6.1.2) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopGroupPrefixLength (1.3.6.1.2.1.168.1.6.1.3) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopSourceAddressType (1.3.6.1.2.1.168.1.6.1.4) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopSource (1.3.6.1.2.1.168.1.6.1.5) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopSourcePrefixLength (1.3.6.1.2.1.168.1.6.1.6) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopIfIndex (1.3.6.1.2.1.168.1.6.1.7) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopAddressType (1.3.6.1.2.1.168.1.6.1.8) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopAddress (1.3.6.1.2.1.168.1.6.1.9) | not-accessible | Current | As per MIB |
| ipMcastRouteNextHopState (1.3.6.1.2.1.168.1.6.1.10) | read-only | No | The value is always forwarding(2) |
| ipMcastRouteNextHopTimeStamp (1.3.6.1.2.1.168.1.6.1.11) | read-only | No | As per MIB |
| ipMcastRouteNextHopExpiryTime (1.3.6.1.2.1.168.1.6.1.12) | read-only | No | As per MIB |
| ipMcastRouteNextHopClosestMemberHops (1.3.6.1.2.1.168.1.6.1.13) | read-only | No | The value is always 0 |
| ipMcastRouteNextHopProtocol (1.3.6.1.2.1.168.1.6.1.14) | read-only | No | As per MIB |
| ipMcastRouteNextHopOctets (1.3.6.1.2.1.168.1.6.1.15) | read-only | No | Not supported |
| ipMcastRouteNextHopPkts (1.3.6.1.2.1.168.1.6.1.16) | read-only | No | Not supported |

## ipMcastBoundaryTable

**OID: 1.3.6.1.2.1.168.1.7.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipMcastBoundaryIfIndex (1.3.6.1.2.1.168.1.7.1.1) | not-accessible | Current | As per MIB |
| ipMcastBoundaryAddressType (1.3.6.1.2.1.168.1.7.1.2) | not-accessible | Current | As per MIB |
| ipMcastBoundaryAddress (1.3.6.1.2.1.168.1.7.1.3) | not-accessible | Current | As per MIB |
| ipMcastBoundaryAddressPrefixLength (1.3.6.1.2.1.168.1.7.1.4) | not-accessible | Current | As per MIB |
| ipMcastBoundaryTimeStamp (1.3.6.1.2.1.168.1.7.1.5) | read-only | No | As per MIB |
| ipMcastBoundaryDroppedMcastOctets (1.3.6.1.2.1.168.1.7.1.6) | read-only | No | Not supported |
| ipMcastBoundaryDroppedMcastPkts (1.3.6.1.2.1.168.1.7.1.7) | read-only | No | Not supported |
| ipMcastBoundaryStatus (1.3.6.1.2.1.168.1.7.1.8) | read-create | No | Only support read operation. The value is always active(1) |
| ipMcastBoundaryStorageType (1.3.6.1.2.1.168.1.7.1.9) | read-create | No | Only support read operation. The value is always readOnly(5) |

# IPV6-ICMP-MIB

## ipv6IfIcmpTable

**OID: 1.3.6.1.2.1.56.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6IfIcmpInMsgs (1.3.6.1.2.1.56.1.1.1.1) | read-only | No | As per MIB |
| ipv6IfIcmpInErrors (1.3.6.1.2.1.56.1.1.1.2) | read-only | No | As per MIB |
| ipv6IfIcmpInDestUnreachs (1.3.6.1.2.1.56.1.1.1.3) | read-only | No | As per MIB |
| ipv6IfIcmpInAdminProhibs (1.3.6.1.2.1.56.1.1.1.4) | read-only | No | The value is always 0. |
| ipv6IfIcmpInTimeExcds (1.3.6.1.2.1.56.1.1.1.5) | read-only | No | As per MIB |
| ipv6IfIcmpInParmProblems (1.3.6.1.2.1.56.1.1.1.6) | read-only | No | As per MIB |
| ipv6IfIcmpInPktTooBigs (1.3.6.1.2.1.56.1.1.1.7) | read-only | No | As per MIB |
| ipv6IfIcmpInEchos (1.3.6.1.2.1.56.1.1.1.8) | read-only | No | As per MIB |
| ipv6IfIcmpInEchoReplies (1.3.6.1.2.1.56.1.1.1.9) | read-only | No | As per MIB |
| ipv6IfIcmpInRouterSolicits (1.3.6.1.2.1.56.1.1.1.10) | read-only | No | As per MIB |
| ipv6IfIcmpInRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.11) | read-only | No | As per MIB |
| ipv6IfIcmpInNeighborSolicits (1.3.6.1.2.1.56.1.1.1.12) | read-only | No | As per MIB |
| ipv6IfIcmpInNeighborAdvertisements (1.3.6.1.2.1.56.1.1.1.13) | read-only | No | As per MIB |
| ipv6IfIcmpInRedirects (1.3.6.1.2.1.56.1.1.1.14) | read-only | No | As per MIB |
| ipv6IfIcmpInGroupMembQueries (1.3.6.1.2.1.56.1.1.1.15) | read-only | No | As per MIB |
| ipv6IfIcmpInGroupMembResponses (1.3.6.1.2.1.56.1.1.1.16) | read-only | No | As per MIB |
| ipv6IfIcmpInGroupMembReductions (1.3.6.1.2.1.56.1.1.1.17) | read-only | No | As per MIB |
| ipv6IfIcmpOutMsgs (1.3.6.1.2.1.56.1.1.1.18) | read-only | No | As per MIB |
| ipv6IfIcmpOutErrors (1.3.6.1.2.1.56.1.1.1.19) | read-only | No | The value is always 0. |
| ipv6IfIcmpOutDestUnreachs (1.3.6.1.2.1.56.1.1.1.20) | read-only | No | As per MIB |
| ipv6IfIcmpOutAdminProhibs (1.3.6.1.2.1.56.1.1.1.21) | read-only | No | The value is always 0. |
| ipv6IfIcmpOutTimeExcds (1.3.6.1.2.1.56.1.1.1.22) | read-only | No | As per MIB |
| ipv6IfIcmpOutParmProblems (1.3.6.1.2.1.56.1.1.1.23) | read-only | No | As per MIB |
| ipv6IfIcmpOutPktTooBigs (1.3.6.1.2.1.56.1.1.1.24) | read-only | No | As per MIB |
| ipv6IfIcmpOutEchos (1.3.6.1.2.1.56.1.1.1.25) | read-only | No | As per MIB |
| ipv6IfIcmpOutEchoReplies (1.3.6.1.2.1.56.1.1.1.26) | read-only | No | As per MIB |
| ipv6IfIcmpOutRouterSolicits (1.3.6.1.2.1.56.1.1.1.27) | read-only | No | As per MIB |
| ipv6IfIcmpOutRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.28) | read-only | No | As per MIB |
| ipv6IfIcmpOutNeighborSolicits (1.3.6.1.2.1.56.1.1.1.29) | read-only | No | As per MIB |
| ipv6IfIcmpOutNeighborAdvertisements (1.3.6.1.2.1.56.1.1.1.30) | read-only | No | As per MIB |
| ipv6IfIcmpOutRedirects (1.3.6.1.2.1.56.1.1.1.31) | read-only | No | As per MIB |
| ipv6IfIcmpOutGroupMembQueries (1.3.6.1.2.1.56.1.1.1.32) | read-only | No | As per MIB |
| ipv6IfIcmpOutGroupMembResponses (1.3.6.1.2.1.56.1.1.1.33) | read-only | No | As per MIB |
| ipv6IfIcmpOutGroupMembReductions (1.3.6.1.2.1.56.1.1.1.34) | read-only | No | As per MIB |

# IPV6-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6Forwarding (1.3.6.1.2.1.55.1.1) | read-write | Current | Only support read operation |
| ipv6DefaultHopLimit (1.3.6.1.2.1.55.1.2) | read-write | Current | Only support read operation |
| ipv6Interfaces (1.3.6.1.2.1.55.1.3) | read-only | Current | As per MIB |
| ipv6IfTableLastChange (1.3.6.1.2.1.55.1.4) | read-only | No | Not supported, the value is always 0. |
| ipv6RouteNumber  (1.3.6.1.2.1.55.1.9) | read-only | No | As per MIB |
| ipv6DiscardedRoutes  (1.3.6.1.2.1.55.1.10) | read-only | No | As per MIB |

## ipv6IfTable

**OID: 1.3.6.1.2.1.55.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6IfIndex (1.3.6.1.2.1.55.1.5.1.1) | not-accessible | No | As per MIB |
| ipv6IfDescr (1.3.6.1.2.1.55.1.5.1.2) | read-write | No | The string is no more than 255 characters. This variable is the same as ifAlias in ifXTable. |
| ipv6IfLowerLayer (1.3.6.1.2.1.55.1.5.1.3) | read-only | No | Not supported |
| ipv6IfEffectiveMtu (1.3.6.1.2.1.55.1.5.1.4) | read-only | Current | As per MIB |
| ipv6IfReasmMaxSize (1.3.6.1.2.1.55.1.5.1.5) | read-only | No | Not supported, the value is always 65535. |
| ipv6IfIdentifier (1.3.6.1.2.1.55.1.5.1.6) | read-write | No | Only support read operation |
| ipv6IfIdentifierLength (1.3.6.1.2.1.55.1.5.1.7) | read-write | No | Only support read operation |
| ipv6IfPhysicalAddress (1.3.6.1.2.1.55.1.5.1.8) | read-only | Current | As per MIB |
| ipv6IfAdminStatus (1.3.6.1.2.1.55.1.5.1.9) | read-write | Current | Only support read operation |
| ipv6IfOperStatus (1.3.6.1.2.1.55.1.5.1.10) | read-only | No | As per MIB |
| ipv6IfLastChange (1.3.6.1.2.1.55.1.5.1.11) | read-only | No | As per MIB |

## ipv6IfStatsTable

**OID: 1.3.6.1.2.1.55.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6IfStatsInReceives (1.3.6.1.2.1.55.1.6.1.1) | read-only | No | As per MIB |
| ipv6IfStatsInHdrErrors (1.3.6.1.2.1.55.1.6.1.2) | read-only | No | As per MIB |
| ipv6IfStatsInTooBigErrors (1.3.6.1.2.1.55.1.6.1.3) | read-only | No | As per MIB |
| ipv6IfStatsInNoRoutes (1.3.6.1.2.1.55.1.6.1.4) | read-only | No | As per MIB |
| ipv6IfStatsInAddrErrors (1.3.6.1.2.1.55.1.6.1.5) | read-only | No | As per MIB |
| ipv6IfStatsInUnknownProtos (1.3.6.1.2.1.55.1.6.1.6) | read-only | No | As per MIB |
| ipv6IfStatsInTruncatedPkts (1.3.6.1.2.1.55.1.6.1.7) | read-only | No | As per MIB |
| ipv6IfStatsInDiscards (1.3.6.1.2.1.55.1.6.1.8) | read-only | No | As per MIB |
| ipv6IfStatsInDelivers (1.3.6.1.2.1.55.1.6.1.9) | read-only | No | As per MIB |
| ipv6IfStatsOutForwDatagrams (1.3.6.1.2.1.55.1.6.1.10) | read-only | No | As per MIB |
| ipv6IfStatsOutRequests (1.3.6.1.2.1.55.1.6.1.11) | read-only | No | As per MIB |
| ipv6IfStatsOutDiscards (1.3.6.1.2.1.55.1.6.1.12) | read-only | No | As per MIB |
| ipv6IfStatsOutFragOKs (1.3.6.1.2.1.55.1.6.1.13) | read-only | No | As per MIB |
| ipv6IfStatsOutFragFails (1.3.6.1.2.1.55.1.6.1.14) | read-only | No | As per MIB |
| ipv6IfStatsOutFragCreates (1.3.6.1.2.1.55.1.6.1.15) | read-only | No | As per MIB |
| ipv6IfStatsReasmReqds (1.3.6.1.2.1.55.1.6.1.16) | read-only | No | As per MIB |
| ipv6IfStatsReasmOKs (1.3.6.1.2.1.55.1.6.1.17) | read-only | No | As per MIB |
| ipv6IfStatsReasmFails (1.3.6.1.2.1.55.1.6.1.18) | read-only | No | As per MIB |
| ipv6IfStatsInMcastPkts (1.3.6.1.2.1.55.1.6.1.19) | read-only | No | As per MIB |
| ipv6IfStatsOutMcastPkts (1.3.6.1.2.1.55.1.6.1.20) | read-only | No | As per MIB |

## ipv6AddrPrefixTable

**OID: 1.3.6.1.2.1.55.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6AddrPrefix (1.3.6.1.2.1.55.1.7.1.1) | not-accessible | Current | As per MIB |
| ipv6AddrPrefixLength (1.3.6.1.2.1.55.1.7.1.2) | not-accessible | Current | As per MIB |
| ipv6AddrPrefixOnLinkFlag (1.3.6.1.2.1.55.1.7.1.3) | read-only | No | As per MIB |
| ipv6AddrPrefixAutonomousFlag (1.3.6.1.2.1.55.1.7.1.4) | read-only | No | As per MIB |
| ipv6AddrPrefixAdvPreferredLifetime (1.3.6.1.2.1.55.1.7.1.5) | read-only | No | As per MIB |
| ipv6AddrPrefixAdvValidLifetime (1.3.6.1.2.1.55.1.7.1.6) | read-only | No | As per MIB |

## ipv6AddrTable

**OID: 1.3.6.1.2.1.55.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6AddrAddress (1.3.6.1.2.1.55.1.8.1.1) | not-accessible | Current | As per MIB |
| ipv6AddrPfxLength (1.3.6.1.2.1.55.1.8.1.2) | read-only | Current | As per MIB |
| ipv6AddrType (1.3.6.1.2.1.55.1.8.1.3) | read-only | Current | Unknow is not supported |
| ipv6AddrAnycastFlag (1.3.6.1.2.1.55.1.8.1.4) | read-only | Current | As per MIB |
| ipv6AddrStatus (1.3.6.1.2.1.55.1.8.1.5) | read-only | Current | As per MIB |

## ipv6RouteTable

**OID: 1.3.6.1.2.1.55.1.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6RouteDest (1.3.6.1.2.1.55.1.11.1.1) | not-accessible | No | As per MIB |
| ipv6RoutePfxLength (1.3.6.1.2.1.55.1.11.1.2) | not-accessible | No | As per MIB |
| ipv6RouteIndex  (1.3.6.1.2.1.55.1.11.1.3) | not-accessible | No | As per MIB |
| ipv6RouteIfIndex  (1.3.6.1.2.1.55.1.11.1.4) | read-only | No | As per MIB |
| ipv6RouteNextHop  (1.3.6.1.2.1.55.1.11.1.5) | read-only | No | As per MIB |
| ipv6RouteType  (1.3.6.1.2.1.55.1.11.1.6) | read-only | No | As per MIB |
| ipv6RouteProtocol  (1.3.6.1.2.1.55.1.11.1.7) | read-only | No | As per MIB |
| ipv6RoutePolicy  (1.3.6.1.2.1.55.1.11.1.8) | read-only | No | As per MIB |
| ipv6RouteAge  (1.3.6.1.2.1.55.1.11.1.9) | read-only | No | As per MIB |
| ipv6RouteNextHopRDI  (1.3.6.1.2.1.55.1.11.1.10) | read-only | No | As per MIB |
| ipv6RouteMetric  (1.3.6.1.2.1.55.1.11.1.11) | read-only | No | As per MIB |
| ipv6RouteWeight  (1.3.6.1.2.1.55.1.11.1.12) | read-only | No | As per MIB |
| ipv6RouteInfo  (1.3.6.1.2.1.55.1.11.1.13) | read-only | No | As per MIB |
| ipv6RouteValid  (1.3.6.1.2.1.55.1.11.1.14) | read-write | No | Only support read operation |

## ipv6NetToMediaTable

**OID: 1.3.6.1.2.1.55.1.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6NetToMediaNetAddress (1.3.6.1.2.1.55.1.12.1.1) | not-accessible | No | As per MIB |
| ipv6NetToMediaPhysAddress (1.3.6.1.2.1.55.1.12.1.2) | read-only | No | As per MIB |
| ipv6NetToMediaType (1.3.6.1.2.1.55.1.12.1.3) | read-only | No | As per MIB |
| ipv6IfNetToMediaState (1.3.6.1.2.1.55.1.12.1.4) | read-only | No | As per MIB |
| ipv6IfNetToMediaLastUpdated (1.3.6.1.2.1.55.1.12.1.5) | read-only | No | As per MIB |
| ipv6NetToMediaValid (1.3.6.1.2.1.55.1.12.1.6) | read-write | No | Only support read operation |

# IPV6-MLD-MIB

The IPV6-MLD-MIB contains two tables:

(1) The MLD Interface Table, which contains one row for each interface on which MLD is enabled.

(2) The MLD Cache Table which contains one row for each IPv6 Multicast group for which there are members on a particular interface.

Both tables are intended to be implemented by hosts and routers. Some objects in each table apply to routers only.

## mldInterfaceTable

**OID: 1.3.6.1.2.1.91.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mldInterfaceIfIndex  (1.3.6.1.2.1.91.1.1.1.1) | not-accessible | Current | As per MIB |
| mldInterfaceQueryInterval  (1.3.6.1.2.1.91.1.1.1.2) | read-create | Current | Range from 1 to 31744 |
| mldInterfaceStatus  (1.3.6.1.2.1.91.1.1.1.3) | read-create | Current | Only support active(1), createAndGo(4), destroy(6) |
| mldInterfaceVersion  (1.3.6.1.2.1.91.1.1.1.4) | read-create | Current | Only support 1 |
| mldInterfaceQuerier  (1.3.6.1.2.1.91.1.1.1.5) | read-only | No | As per MIB |
| mldInterfaceQueryMaxResponseDelay  (1.3.6.1.2.1.91.1.1.1.6) | read-create | Current | Range from 1 to 3174 |
| mldInterfaceJoins  (1.3.6.1.2.1.91.1.1.1.7) | read-only | No | As per MIB |
| mldInterfaceGroups  (1.3.6.1.2.1.91.1.1.1.8) | read-only | No | As per MIB |
| mldInterfaceRobustness  (1.3.6.1.2.1.91.1.1.1.9) | read-create | Current | Range from 1 to 255 |
| mldInterfaceLastListenQueryIntvl  (1.3.6.1.2.1.91.1.1.1.10) | read-create | Current | Range from 1 to 25 |
| mldInterfaceProxyIfIndex  (1.3.6.1.2.1.91.1.1.1.11) | read-create | Current | Only support read operation |
| mldInterfaceQuerierUpTime  (1.3.6.1.2.1.91.1.1.1.12) | read-only | No | As per MIB |
| mldInterfaceQuerierExpiryTime  (1.3.6.1.2.1.91.1.1.1.13) | read-only | No | As per MIB |

## mldCacheTable

**OID: 1.3.6.1.2.1.91.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mldCacheAddress  (1.3.6.1.2.1.91.1.2.1.1) | not-accessible | No | As per MIB |
| mldCacheIfIndex  (1.3.6.1.2.1.91.1.2.1.2) | not-accessible | No | As per MIB |
| mldCacheSelf  (1.3.6.1.2.1.91.1.2.1.3) | read-create | No | Only support read operation, and the default value is false(2) |
| mldCacheLastReporter  (1.3.6.1.2.1.91.1.2.1.4) | read-only | No | As per MIB |
| mldCacheUpTime  (1.3.6.1.2.1.91.1.2.1.5) | read-only | No | As per MIB |
| mldCacheExpiryTime  (1.3.6.1.2.1.91.1.2.1.6) | read-only | No | As per MIB |
| mldCacheStatus  (1.3.6.1.2.1.91.1.2.1.7) | read-create | Current | Only support read operation |

# IPV6-TCP-MIB

## ipv6TcpConnTable

**OID: 1.3.6.1.2.1.6.16**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6TcpConnLocalAddress (1.3.6.1.2.1.6.16.1.1) | Not-accessible | No | As per MIB |
| ipv6TcpConnLocalPort (1.3.6.1.2.1.6.16.1.2) | not-accessible | No | As per MIB |
| ipv6TcpConnRemAddress (1.3.6.1.2.1.6.16.1.3) | not-accessible | No | As per MIB |
| ipv6TcpConnRemPort (1.3.6.1.2.1.6.16.1.4) | not-accessible | No | As per MIB |
| ipv6TcpConnIfIndex (1.3.6.1.2.1.6.16.1.5) | not-accessible | No | As per MIB |
| ipv6TcpConnState (1.3.6.1.2.1.6.16.1.6) | read-write | No | Only support read operation |

# IPV6-UDP-MIB

## ipv6UdpTable

**OID: 1.3.6.1.2.1.7.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6UdpLocalAddress (1.3.6.1.2.1.7.6.1.1) | Not-accessible | No | As per MIB |
| ipv6UdpLocalPort (1.3.6.1.2.1.7.6.1.2) | not-accessible | No | As per MIB |
| ipv6UdpIfIndex (1.3.6.1.2.1.7.6.1.3) | read-only | No | As per MIB |

# ISIS-MIB

## isisSysObject

**OID: 1.3.6.1.2.1.138.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisSysVersion (1.3.6.1.2.1.138.1.1.1.1) | read-only | No | The value is always one(1) |
| isisSysLevelType  (1.3.6.1.2.1.138.1.1.1.2) | read-write | No | Only support read operation |
| isisSysID (1.3.6.1.2.1.138.1.1.1.3) | read-write | No | Only support read operation |
| isisSysMaxPathSplits (1.3.6.1.2.1.138.1.1.1.4) | read-write | Current | The range and the default value are product specific  This object can be modified whatever the value of isisSysAdminState is on(1) or not |
| isisSysMaxLSPGenInt (1.3.6.1.2.1.138.1.1.1.5) | read-write | Current | The value should be less than isisSysMaxAge  The value must be greater than any value configured for isisSysLevelMinLSPGenInt is not implemented  The value should be at least 300 seconds less than isisSysMaxAge is not implemented |
| isisSysPollESHelloRate (1.3.6.1.2.1.138.1.1.1.6) | read-write | No | Only support read operation  The value is always 50 |
| isisSysWaitTime (1.3.6.1.2.1.138.1.1.1.7) | read-write | No | Only support read operation  The value is always 60 |
| isisSysAdminState (1.3.6.1.2.1.138.1.1.1.8) | read-write | No | Only support read operation |
| isisSysL2toL1Leaking (1.3.6.1.2.1.138.1.1.1.9) | read-write | Current | As per MIB |
| isisSysMaxAge (1.3.6.1.2.1.138.1.1.1.10) | read-write | Current | The value should be greater than isisSysMaxLSPGenInt, but it should be at least 300 seconds greater than isisSysMaxLSPGenInt is not implemented |
| isisSysReceiveLSPBufferSize(1.3.6.1.2.1.138.1.1.1.11) | read-write | Current | The default value is 1497 |
| isisSysProtSupported (1.3.6.1.2.1.138.1.1.1.12) | read-only | No | Only support ipv4 (1), ipv6 (2)  When supporting IPv4 and IPv6, return the value of ipv6(2) |
| isisSysNotificationEnable (1.3.6.1.2.1.138.1.1.1.13) | read-write | Current | As per MIB |

## isisManAreaAddrTable

**OID: 1.3.6.1.2.1.138.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisManAreaAddr (1.3.6.1.2.1.138.1.1.2.1.1) | not-accessible | No | AS per MIB |
| isisManAreaAddrExistState （1.3.6.1.2.1.138.1.1.2.1.2） | read-create | No | Only support read operation  Only support active(1) |

## isisAreaAddrTable

**OID: 1.3.6.1.2.1.138.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisAreaAddr  （1.3.6.1.2.1.138.1.1.3.1.1） | read-only | No | Only can return value when the value of isisSysLevelType is level1and2(3) |

## isisSummAddrTable

**OID: 1.3.6.1.2.1.138.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisSummAddressType (1.3.6.1.2.1.138.1.1.4.1.1) | not-accessible | No | As per MIB |
| isisSummAddress (1.3.6.1.2.1.138.1.1.4.1.2) | not-accessible | No | As per MIB |
| isisSummAddrPrefixLen (1.3.6.1.2.1.138.1.1.4.1.3) | not-accessible | No | As per MIB |
| isisSummAddrExistState (1.3.6.1.2.1.138.1.1.4.1.4) | read-create | No | Only support read operation  Only support active(1) |
| isisSummAddrMetric (1.3.6.1.2.1.138.1.1.4.1.5) | read-create | No | Only support read operation  The value is always 20 |
| isisSummAddrFullMetric (1.3.6.1.2.1.138.1.1.4.1.6) | read-create | No | Only support read operation  The value is always 20 |

## isisRedistributeAddrTable

**OID: 1.3.6.1.2.1.138.1.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisRedistributeAddrType (1.3.6.1.2.1.138.1.1.5.1.1) | not-accessible | No | As per MIB |
| isisRedistributeAddrAddress (1.3.6.1.2.1.138.1.1.5.1.2) | not-accessible | No | As per MIB |
| isisRedistributeAddrPrefixLen (1.3.6.1.2.1.138.1.1.5.1.3) | not-accessible | No | As per MIB |
| isisRedistributeAddrExistState (1.3.6.1.2.1.138.1.1.5.1.4) | read-create | No | Only support read operation  Only support active(1) |

## isisRouterTable

**OID: 1.3.6.1.2.1.138.1.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisRouterSysID (1.3.6.1.2.1.138.1.1.6.1.1) | not-accessible | No | As per MIB |
| isisRouterLevel (1.3.6.1.2.1.138.1.1.6.1.2) | not-accessible | No | As per MIB |
| isisRouterHostName (1.3.6.1.2.1.138.1.1.6.1.3) | read-only | No | As per MIB |
| isisRouterID (1.3.6.1.2.1.138.1.1.6.1.4) | read-only | No | As per MIB |

## isisSysLevelTable

**OID: 1.3.6.1.2.1.138.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisSysLevelIndex (1.3.6.1.2.1.138.1.2.1.1.1) | not-accessible | No | As per MIB |
| isisSysLevelOrigLSPBuffSize (1.3.6.1.2.1.138.1.2.1.1.2) | read-write | Current | The default value is 1497.  The value should be less than isisSysReceiveLSPBufferSize.  This object can be modified whatever the value of isisSysAdminState is on(1) or not |
| isisSysLevelMinLSPGenInt (1.3.6.1.2.1.138.1.2.1.1.3) | read-write | Current | Range from 1 to 120  The default value is 1.  As configure intelligent timer,return 1 when the value is less than 1 and otherwise return integer part |
| isisSysLevelState (1.3.6.1.2.1.138.1.2.1.1.4) | read-only | No | Only support off(1), on(2) and overloaded(4) |
| isisSysLevelSetOverload (1.3.6.1.2.1.138.1.2.1.1.5) | read-write | Current | As per MIB |
| isisSysLevelSetOverloadUntil (1.3.6.1.2.1.138.1.2.1.1.6) | read-write | Current | If this object is non-zero, the overload bit is set at this level when the isisSysAdminState variable goes to state 'on' for this Intermediate System is not implemented |
| isisSysLevelMetricStyle (1.3.6.1.2.1.138.1.2.1.1.7) | read-write | Current | As per MIB |
| isisSysLevelSPFConsiders (1.3.6.1.2.1.138.1.2.1.1.8) | read-write | No | Only support read operation |
| isisSysLevelTEEnabled (1.3.6.1.2.1.138.1.2.1.1.9) | read-write | No | As per MIB |

## isisCirc

**OID: 1.3.6.1.2.1.138.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisNextCircIndex (1.3.6.1.2.1.138.1.3.1) | read-only | No | As per MIB |

## isisCircTable

**OID: 1.3.6.1.2.1.138.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisCircIndex (1.3.6.1.2.1.138.1.3.2.1.1) | not-accessible | No | As per MIB |
| isisCircIfIndex (1.3.6.1.2.1.138.1.3.2.1.2) | read-create | No | Only support read operation |
| isisCircAdminState (1.3.6.1.2.1.138.1.3.2.1.3) | read-create | No | Only support read operation |
| isisCircExistState (1.3.6.1.2.1.138.1.3.2.1.4) | read-create | No | Only support read operation  Only support active(1) |
| isisCircType (1.3.6.1.2.1.138.1.3.2.1.5) | read-create | No | Only support read operation  Only support broadcast(1) and ptToPt(2)  The value is broadcast(1) on broadcast circuit, and is ptToPt(2) on other circuit types |
| isisCircExtDomain (1.3.6.1.2.1.138.1.3.2.1.6) | read-create | No | Only support read operation  The value is always false（2） |
| isisCircLevelType (1.3.6.1.2.1.138.1.3.2.1.7) | read-create | Current | Only support read-write operation |
| isisCircPassiveCircuit (1.3.6.1.2.1.138.1.3.2.1.8) | read-create | Current | Only support read-write operation |
| isisCircMeshGroupEnabled (1.3.6.1.2.1.138.1.3.2.1.9) | read-create | No | Only support read operation |
| isisCircMeshGroup (1.3.6.1.2.1.138.1.3.2.1.10) | read-create | No | Only support read operation |
| isisCircSmallHellos (1.3.6.1.2.1.138.1.3.2.1.11) | read-create | Current | Only support read-write operation |
| isisCircLastUpTime (1.3.6.1.2.1.138.1.3.2.1.12) | read-only | No | As per MIB |
| isisCirc3WayEnabled (1.3.6.1.2.1.138.1.3.2.1.13) | read-create | No | Only support read operation. |
| isisCircExtendedCircID (1.3.6.1.2.1.138.1.3.2.1.14) | read-create | No | Only support read operation. |

## isisCircLevelTable

**OID: 1.3.6.1.2.1.138.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisCircLevelIndex (1.3.6.1.2.1.138.1.4.1.1.1) | not-accessible | No | As per MIB |
| isisCircLevelMetric (1.3.6.1.2.1.138.1.4.1.1.2) | read-write | Current | Range from 1 to 63 |
| isisCircLevelWideMetric (1.3.6.1.2.1.138.1.4.1.1.3) | read-write | Current | Range from 1 to 16777215 |
| isisCircLevelISPriority (1.3.6.1.2.1.138.1.4.1.1.4) | read-write | No | As per MIB |
| isisCircLevelIDOctet (1.3.6.1.2.1.138.1.4.1.1.5) | read-only | No | As per MIB |
| isisCircLevelID (1.3.6.1.2.1.138.1.4.1.1.6) | read-only | No | The value is isisSysID with one-byte isisCircLevelIDOctet for point to point circuit, and zero length octet string for broadcast circuit |
| isisCircLevelDesIS (1.3.6.1.2.1.138.1.4.1.1.7) | read-only | No | As per MIB |
| isisCircLevelHelloMultiplier (1.3.6.1.2.1.138.1.4.1.1.8) | read-write | Current | Range from 3 to 100  The default value is 3 |
| isisCircLevelHelloTimer (1.3.6.1.2.1.138.1.4.1.1.9) | read-write | Current | Range from 3000 to 255000  The default value is 10000  The residue of the set value divided by 1000 is ignored |
| isisCircLevelDRHelloTimer (1.3.6.1.2.1.138.1.4.1.1.10) | read-write | No | Only support read operation  Range from 1000 to 85000  The default value is 3000  The residue of the set value moded by 1000 is ignored |
| isisCircLevelLSPThrottle (1.3.6.1.2.1.138.1.4.1.1.11) | read-write | Current | Range from 1 to 1000  The default value is 33 |
| isisCircLevelMinLSPRetransInt (1.3.6.1.2.1.138.1.4.1.1.12) | read-write | Current | As per MIB |
| isisCircLevelCSNPInterval (1.3.6.1.2.1.138.1.4.1.1.13) | read-write | Current | As per MIB |
| isisCircLevelPartSNPInterval (1.3.6.1.2.1.138.1.4.1.1.14) | read-write | No | Only support read operation  The value is always 2 |

## isisSystemCounterTable

**OID: 1.3.6.1.2.1.138.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisSysStatLevel (1.3.6.1.2.1.138.1.5.1.1.1) | not-accessible | No | As per MIB |
| isisSysStatCorrLSPs (1.3.6.1.2.1.138.1.5.1.1.2) | read-only | No | The value is always 0 |
| isisSysStatAuthTypeFails (1.3.6.1.2.1.138.1.5.1.1.3) | read-only | No | As per MIB |
| isisSysStatAuthFails (1.3.6.1.2.1.138.1.5.1.1.4) | read-only | No | As per MIB |
| isisSysStatLSPDbaseOloads (1.3.6.1.2.1.138.1.5.1.1.5) | read-only | No | As per MIB |
| isisSysStatManAddrDropFromAreas (1.3.6.1.2.1.138.1.5.1.1.6) | read-only | No | As per MIB |
| isisSysStatAttmptToExMaxSeqNums (1.3.6.1.2.1.138.1.5.1.1.7) | read-only | No | As per MIB |
| isisSysStatSeqNumSkips (1.3.6.1.2.1.138.1.5.1.1.8) | read-only | No | As per MIB |
| isisSysStatOwnLSPPurges (1.3.6.1.2.1.138.1.5.1.1.9) | read-only | No | As per MIB |
| isisSysStatIDFieldLenMismatches (1.3.6.1.2.1.138.1.5.1.1.10) | read-only | No | As per MIB |
| isisSysStatPartChanges (1.3.6.1.2.1.138.1.5.1.1.11) | read-only | No | The value is always 0 |
| isisSysStatSPFRuns (1.3.6.1.2.1.138.1.5.1.1.12) | read-only | No | As per MIB |
| isisSysStatLSPErrors (1.3.6.1.2.1.138.1.5.1.1.13) | read-only | No | As per MIB |

## isisCircuitCounterTable

**OID: 1.3.6.1.2.1.138.1.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisCircuitType (1.3.6.1.2.1.138.1.5.2.1.1) | not-accessible | No | As per MIB |
| isisCircAdjChanges (1.3.6.1.2.1.138.1.5.2.1.2) | read-only | No | As per MIB |
| isisCircNumAdj (1.3.6.1.2.1.138.1.5.2.1.3) | read-only | No | As per MIB |
| isisCircInitFails (1.3.6.1.2.1.138.1.5.2.1.4) | read-only | No | The value is always 0 |
| isisCircRejAdjs (1.3.6.1.2.1.138.1.5.2.1.5) | read-only | No | As per MIB |
| isisCircIDFieldLenMismatches (1.3.6.1.2.1.138.1.5.2.1.6) | read-only | No | As per MIB |
| isisCircMaxAreaAddrMismatches (1.3.6.1.2.1.138.1.5.2.1.7) | read-only | No | As per MIB |
| isisCircAuthTypeFails (1.3.6.1.2.1.138.1.5.2.1.8) | read-only | No | As per MIB |
| isisCircAuthFails (1.3.6.1.2.1.138.1.5.2.1.9) | read-only | No | As per MIB |
| isisCircLANDesISChanges (1.3.6.1.2.1.138.1.5.2.1.10) | read-only | No | As per MIB |

## isisPacketCounterTable

**OID: 1.3.6.1.2.1.138.1.5.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisPacketCountLevel (1.3.6.1.2.1.138.1.5.3.1.1) | not-accessible | No | As per MIB |
| isisPacketCountDirection (1.3.6.1.2.1.138.1.5.3.1.2) | not-accessible | No | As per MIB |
| isisPacketCountIIHello (1.3.6.1.2.1.138.1.5.3.1.3) | read-only | No | As per MIB |
| isisPacketCountISHello (1.3.6.1.2.1.138.1.5.3.1.4) | read-only | No | The value is always 0 |
| isisPacketCountESHello (1.3.6.1.2.1.138.1.5.3.1.5) | read-only | No | The value is always 0 |
| isisPacketCountLSP (1.3.6.1.2.1.138.1.5.3.1.6) | read-only | No | As per MIB |
| isisPacketCountCSNP (1.3.6.1.2.1.138.1.5.3.1.7) | read-only | No | As per MIB |
| isisPacketCountPSNP (1.3.6.1.2.1.138.1.5.3.1.8) | read-only | No | As per MIB |
| isisPacketCountUnknown (1.3.6.1.2.1.138.1.5.3.1.9) | read-only | No | As per MIB |

## isisISAdjTable

**OID: 1.3.6.1.2.1.138.1.6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisISAdjIndex (1.3.6.1.2.1.138.1.6.1.1.1) | not-accessible | No | As per MIB |
| isisISAdjState (1.3.6.1.2.1.138.1.6.1.1.2) | read-only | No | Only support down(1), initializing(2) and up(3) |
| isisISAdj3WayState (1.3.6.1.2.1.138.1.6.1.1.3) | read-only | No | As per MIB |
| isisISAdjNeighSNPAAddress (1.3.6.1.2.1.138.1.6.1.1.4) | read-only | No | As per MIB |
| isisISAdjNeighSysType (1.3.6.1.2.1.138.1.6.1.1.5) | read-only | No | Only support l1IntermediateSystem(1), l2IntermediateSystem(2) and l1L2IntermediateSystem(3) |
| isisISAdjNeighSysID (1.3.6.1.2.1.138.1.6.1.1.6) | read-only | No | As per MIB |
| isisISAdjNbrExtendedCircID (1.3.6.1.2.1.138.1.6.1.1.7) | read-only | No | As per MIB |
| isisISAdjUsage (1.3.6.1.2.1.138.1.6.1.1.8) | read-only | No | As per MIB |
| isisISAdjHoldTimer (1.3.6.1.2.1.138.1.6.1.1.9) | read-only | No | As per MIB |
| isisISAdjNeighPriority (1.3.6.1.2.1.138.1.6.1.1.10) | read-only | No | As per MIB |
| isisISAdjLastUpTime (1.3.6.1.2.1.138.1.6.1.1.11) | read-only | No | As per MIB |

## isisISAdjAreaAddrTable

**OID: 1.3.6.1.2.1.138.1.6.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisISAdjAreaAddrIndex (1.3.6.1.2.1.138.1.6.2.1.1) | not-accessible | No | As per MIB |
| isisISAdjAreaAddress (1.3.6.1.2.1.138.1.6.2.1.2) | read-only | No | As per MIB |

## isisISAdjIPAddrTable

**OID: 1.3.6.1.2.1.138.1.6.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisISAdjIPAddrIndex (1.3.6.1.2.1.138.1.6.3.1.1) | not-accessible | No | As per MIB |
| isisISAdjIPAddrType (1.3.6.1.2.1.138.1.6.3.1.2) | read-only | No | Only support ipv4(1) and ipv6(2)  Support ipv6(2) only when the local IS has ipv6 capability |
| isisISAdjIPAddrAddress (1.3.6.1.2.1.138.1.6.3.1.3) | read-only | No | As per MIB |

## isisISAdjProtSuppTable

**OID: 1.3.6.1.2.1.138.1.6.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisISAdjProtSuppProtocol (1.3.6.1.2.1.138.1.6.4.1.1) | read-only | No | As per MIB |

## isisRATable

**OID: 1.3.6.1.2.1.138.1.7.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisRAIndex (1.3.6.1.2.1.138.1.7.1.1.1) | not-accessible | No | As per MIB |
| isisRAExistState (1.3.6.1.2.1.138.1.7.1.1.2) | read-create | No | The value is always active(1) |
| isisRAAdminState (1.3.6.1.2.1.138.1.7.1.1.3) | read-create | No | The default value is on(1) |
| isisRAAddrPrefix (1.3.6.1.2.1.138.1.7.1.1.4) | read-create | No | As per MIB |
| isisRAMapType (1.3.6.1.2.1.138.1.7.1.1.5) | read-create | No | The default value is none(1) |
| isisRAMetric (1.3.6.1.2.1.138.1.7.1.1.6) | read-create | No | As per MIB |
| isisRAMetricType (1.3.6.1.2.1.138.1.7.1.1.7) | read-create | No | As per MIB |
| isisRASNPAAddress (1.3.6.1.2.1.138.1.7.1.1.8) | read-create | No | As per MIB |
| isisRASNPAMask (1.3.6.1.2.1.138.1.7.1.1.9) | read-create | No | As per MIB |
| isisRASNPAPrefix (1.3.6.1.2.1.138.1.7.1.1.10) | read-create | No | As per MIB |
| isisRAType (1.3.6.1.2.1.138.1.7.1.1.11) | read-create | No | As per MIB |

## isisIPRATable

**OID: 1.3.6.1.2.1.138.1.8.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisIPRADestType (1.3.6.1.2.1.138.1.8.1.1.1) | not-accessible | No | As per MIB |
| isisIPRADest (1.3.6.1.2.1.138.1.8.1.1.2) | not-accessible | No | As per MIB |
| isisIPRADestPrefixLen (1.3.6.1.2.1.138.1.8.1.1.3) | not-accessible | No | As per MIB |
| isisIPRANextHopIndex (1.3.6.1.2.1.138.1.8.1.1.4) | not-accessible | No | As per MIB |
| isisIPRANextHopType (1.3.6.1.2.1.138.1.8.1.1.5) | read-create | No | Only support read operation  Only support ipv4(1) and ipv6(2) |
| isisIPRANextHop (1.3.6.1.2.1.138.1.8.1.1.6) | read-create | No | Only support read operation |
| isisIPRAType (1.3.6.1.2.1.138.1.8.1.1.7) | read-create | No | Only support read operation  The value is always automatic(2) |
| isisIPRAExistState (1.3.6.1.2.1.138.1.8.1.1.8) | read-create | No | Only support read operation  The value is always active(1) |
| isisIPRAAdminState (1.3.6.1.2.1.138.1.8.1.1.9) | read-create | No | Only support read operation  The value is always on(1) |
| isisIPRAMetric (1.3.6.1.2.1.138.1.8.1.1.10) | read-create | No | Only support read operation  The default value is 0 |
| isisIPRAMetricType (1.3.6.1.2.1.138.1.8.1.1.11) | read-create | No | Only support read operation |
| isisIPRAFullMetric (1.3.6.1.2.1.138.1.8.1.1.12) | read-create | No | Only support read operation  The default value is 0 |
| isisIPRASNPAAddress (1.3.6.1.2.1.138.1.8.1.1.13) | read-create | No | Only support read operation  The value is always zero length octet string |
| isisIPRASourceType (1.3.6.1.2.1.138.1.8.1.1.14) | read-only | No | Only support static(1), direct(2), ospfv2(3), ospfv3(4), isis(5), rip(6) and bgp(9) |

## isisLSPSummaryTable

**OID: 1.3.6.1.2.1.138.1.9.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisLSPLevel (1.3.6.1.2.1.138.1.9.1.1.1) | not-accessible | No | As per MIB |
| isisLSPID (1.3.6.1.2.1.138.1.9.1.1.2) | not-accessible | No | As per MIB |
| isisLSPSeq (1.3.6.1.2.1.138.1.9.1.1.3) | read-only | No | As per MIB |
| isisLSPZeroLife (1.3.6.1.2.1.138.1.9.1.1.4) | read-only | No | As per MIB |
| isisLSPChecksum (1.3.6.1.2.1.138.1.9.1.1.5) | read-only | No | As per MIB |
| isisLSPLifetimeRemain (1.3.6.1.2.1.138.1.9.1.1.6) | read-only | No | As per MIB |
| isisLSPPDULength (1.3.6.1.2.1.138.1.9.1.1.7) | read-only | No | As per MIB |
| isisLSPAttributes (1.3.6.1.2.1.138.1.9.1.1.8) | read-only | No | As per MIB |

## isisLSPTLVTable

**OID: 1.3.6.1.2.1.138.1.9.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisLSPTLVIndex (1.3.6.1.2.1.138.1.9.2.1.1) | not-accessible | No | As per MIB |
| isisLSPTLVSeq (1.3.6.1.2.1.138.1.9.2.1.2) | read-only | No | As per MIB |
| isisLSPTLVChecksum (1.3.6.1.2.1.138.1.9.2.1.3) | read-only | No | As per MIB |
| isisLSPTLVType (1.3.6.1.2.1.138.1.9.2.1.4) | read-only | No | As per MIB |
| isisLSPTLVLen (1.3.6.1.2.1.138.1.9.2.1.5) | read-only | No | As per MIB |
| isisLSPTLVValue (1.3.6.1.2.1.138.1.9.2.1.6) | read-only | No | As per MIB |

## isisNotificationEntry

**OID: 1.3.6.1.2.1.138.1.10.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1) | accessible-for-notify | No | As per MIB |
| isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2) | accessible-for-notify | No | As per MIB |
| isisPduLspId (1.3.6.1.2.1.138.1.10.1.3) | accessible-for-notify | No | As per MIB |
| isisPduFragment (1.3.6.1.2.1.138.1.10.1.4) | accessible-for-notify | No | As per MIB |
| isisPduFieldLen (1.3.6.1.2.1.138.1.10.1.5) | accessible-for-notify | No | As per MIB |
| isisPduMaxAreaAddress (1.3.6.1.2.1.138.1.10.1.6) | accessible-for-notify | No | As per MIB |
| isisPduProtocolVersion (1.3.6.1.2.1.138.1.10.1.7) | accessible-for-notify | No | As per MIB |
| isisPduLspSize (1.3.6.1.2.1.138.1.10.1.8) | accessible-for-notify | No | As per MIB |
| isisPduOriginatingBufferSize (1.3.6.1.2.1.138.1.10.1.9) | accessible-for-notify | No | As per MIB |
| isisPduBufferSize (1.3.6.1.2.1.138.1.10.1.10) | accessible-for-notify | No | As per MIB |
| isisPduProtocolsSupported (1.3.6.1.2.1.138.1.10.1.11) | accessible-for-notify | No | As per MIB |
| isisAdjState (1.3.6.1.2.1.138.1.10.1.12) | accessible-for-notify | No | As per MIB |
| isisErrorOffset (1.3.6.1.2.1.138.1.10.1.13) | accessible-for-notify | No | As per MIB |
| isisErrorTLVType (1.3.6.1.2.1.138.1.10.1.14) | accessible-for-notify | No | As per MIB |
| isisNotificationAreaAddress (1.3.6.1.2.1.138.1.10.1.15) | accessible-for-notify | No | As per MIB |

# LLDP-EXT-DOT1-V2-MIB

The LLDP Management Information Base extension module for IEEE 802.1 organizationally defined discovery information.

## lldpV2Xdot1ConfigPortVlanTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigPortVlanTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.1.1.1) | read-write | Current | The default value is True for  a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent mode and for a Layer 2 aggregate interface in nearest-customer agent mode. |

## lldpV2Xdot1ConfigVlanNameTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigVlanNameTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.2.1.1) | read-write | Current | The value 0 is added as the default, and the status is always "FALSE". When setting with the value "TRUE", the VLAN with the smallest VLAN ID is enabled; when setting with the value "FALSE", the enabled vlan is removed.Only one VLAN Object (OID) TLV is supported in LLDP packets |

## lldpV2Xdot1ConfigProtoVlanTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigProtoVlanTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.3.1.1) | read-write | Current | The value 0 is added as the default, and the status is always "FALSE". When setting with the value "TRUE", the VLAN with the smallest VLAN ID is enabled; when setting with the value "FALSE", the enabled vlan is removed.Only one PROTOVLAN TLV is supported in LLDP packets |

## lldpV2Xdot1ConfigProtocolTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigProtocolTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.4.1.1) | read-write | Current | Not supported |

## lldpV2Xdot1ConfigVidUsageDigestTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigVidUsageDigestTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.5.1.1) | read-write | Current | Not supported |

## lldpV2Xdot1ConfigManVidTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1ConfigManVidTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.6.1.1) | read-write | Current | As per MIB |

## lldpV2Xdot1LocTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocPortVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.1.1.1) | read-only | Current | As per MIB |

## lldpV2Xdot1LocProtoVlanTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.1) | not-accessible | Current | As per MIB |
| lldpV2Xdot1LocProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.2) | read-only | Yes | As per MIB |
| lldpV2Xdot1LocProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.3) | read-only | Yes | As per MIB |

## lldpV2Xdot1LocVlanNameTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1.1) | not-accessible | Current | As per MIB |
| lldpV2Xdot1LocVlanName (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1.2) | read-only | Current | As per MIB |

## lldpV2Xdot1LocProtocolTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1.1) | not-accessible | Current | Not supported |
| lldpV2Xdot1LocProtocolId (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1.2) | read-only | Yes | Not supported |

## lldpV2Xdot1LocVidUsageDigestTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocVidUsageDigest(1.3.111.2.802.1.1.13.1.5.32962.1.2.5.1.1) | read-only | Yes | Not supported |

## lldpV2Xdot1LocManVidTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocManVid (1.3.111.2.802.1.1.13.1.5.32962.1.2.6.1.1) | read-only | Current | As per MIB |

## lldpV2Xdot1LocLinkAggTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1LocLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962.1.2.7.1.1) | read-only | Current | As per MIB |
| lldpV2Xdot1LocLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962.1.2.7.1.2) | read-only | Current | As per MIB |

## lldpV2Xdot1RemTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemPortVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.1.1.1) | read-only | No | As per MIB |

## lldpV2Xdot1RemProtoVlanTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.1) | not-accessible | No | As per MIB |
| lldpV2Xdot1RemProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.2) | read-only | No | As per MIB |
| lldpV2Xdot1RemProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.3) | read-only | No | As per MIB |

## lldpV2Xdot1RemVlanNameTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.3.1.1) | not-accessible | No | As per MIB |
| lldpV2Xdot1RemVlanName (1.3.111.2.802.1.1.13.1.5.32962.1.3.3.1.2) | read-only | No | As per MIB |

## lldpV2Xdot1RemProtocolTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962.1.3.4.1.1) | not-accessible | No | As per MIB |
| lldpV2Xdot1RemProtocolId (1.3.111.2.802.1.1.13.1.5.32962.1.3.4.1.2) | read-only | No | As per MIB |

## lldpV2Xdot1RemVidUsageDigestTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemVidUsageDigest (1.3.111.2.802.1.1.13.1.5.32962.1.3.5.1.1) | read-only | No | As per MIB |

## lldpV2Xdot1RemManVidTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemManVid (1.3.111.2.802.1.1.13.1.5.32962.1.3.6.1.1) | read-only | No | As per MIB |

## lldpV2Xdot1RemLinkAggTable

**OID: 1.3.111.2.802.1.1.13.1.5.32962.1.3.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot1RemLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962.1.3.7.1.1) | read-only | No | As per MIB |
| lldpV2Xdot1RemLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962.1.3.7.1.2) | read-only | No | As per MIB |

# LLDP-EXT-DOT3-V2-MIB

The LLDP Management Information Base extension module for IEEE 802.3 organizationally defined discovery information.

## lldpV2Xdot3PortConfigTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3PortConfigTLVsTxEnable (1.3.111.2.802.1.1.13.1.5.4623.1.1.1.1.1) | read-write | Current | Every bit will be set to 1 by default for Layer 2 and Layer 3 Ethernet interfaces in nearest-bridge agent mode, which means all IEEE 802.3 organizationally defined TLVs will be transmitted on the given port.  The “Link Aggregation TLV” is no longer supported in the IEEE 802.3 new standard, so the bit “unused(2)” for this TLV is no longer used. |

## lldpV2Xdot3LocPortTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3LocPortAutoNegSupported (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.1) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPortAutoNegEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.2) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPortAutoNegAdvertisedCap (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.3) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPortOperMauType(1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.4) | read-only | Yes | As per MIB |

## lldpV2Xdot3LocPowerTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3LocPowerPortClass (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.1) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPowerMDISupported (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.2) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPowerMDIEnabled(1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.3) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPowerPairControlable (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.4) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPowerPairs (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.5) | read-only | Yes | As per MIB |
| lldpV2Xdot3LocPowerClass (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.6) | read-only | Yes | As per MIB |

## lldpV2Xdot3LocMaxFrameSizeTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3LocMaxFrameSize (1.3.111.2.802.1.1.13.1.5.4623.1.2.3.1.1) | read-only | Current | As per MIB |

## lldpV2Xdot3RemPortTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3RemPortAutoNegSupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.1) | read-only | No | As per MIB |
| lldpV2Xdot3RemPortAutoNegEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.2) | read-only | No | As per MIB |
| lldpV2Xdot3RemPortAutoNegAdvertisedCap (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.3) | read-only | No | As per MIB |
| lldpV2Xdot3RemPortOperMauType (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.4) | read-only | No | As per MIB |

## lldpV2Xdot3RemPowerTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3RemPowerPortClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.1) | read-only | No | As per MIB |
| lldpV2Xdot3RemPowerMDISupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.2) | read-only | No | As per MIB |
| lldpV2Xdot3RemPowerMDIEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.3) | read-only | No | As per MIB |
| lldpV2Xdot3RemPowerPairControlable (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.4) | read-only | No | As per MIB |
| lldpV2Xdot3RemPowerPairs (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.5) | read-only | No | As per MIB |
| lldpV2Xdot3RemPowerClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.6) | read-only | No | As per MIB |

## lldpV2Xdot3RemMaxFrameSizeTable

**OID: 1.3.111.2.802.1.1.13.1.5.4623.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2Xdot3RemMaxFrameSize (1.3.111.2.802.1.1.13.1.5.4623.1.3.3.1.1) | read-only | No | As per MIB |

# LLDP-EXT-MED-MIB

The LLDP Management Information Base extension module for TIA-TR41.4 Media Endpoint Discovery information.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedLocDeviceClass (1.0.8802.1.1.2.1.5.4795.1.1.1) | read-only | Current | As per MIB |
| lldpXMedFastStartRepeatCount (1.0.8802.1.1.2.1.5.4795.1.1.3) | read-write | Current | Range from 1 to 8.  The default value is 4. |
| lldpXMedLocHardwareRev (1.0.8802.1.1.2.1.5.4795.1.2.2) | read-only | Current | As per MIB |
| lldpXMedLocFirmwareRev (1.0.8802.1.1.2.1.5.4795.1.2.3) | read-only | Current | As per MIB |
| lldpXMedLocSoftwareRev (1.0.8802.1.1.2.1.5.4795.1.2.4) | read-only | Current | As per MIB |
| lldpXMedLocSerialNum (1.0.8802.1.1.2.1.5.4795.1.2.5) | read-only | Current | As per MIB |
| lldpXMedLocMfgName (1.0.8802.1.1.2.1.5.4795.1.2.6) | read-only | Current | As per MIB |
| lldpXMedLocModelName (1.0.8802.1.1.2.1.5.4795.1.2.7) | read-only | Current | As per MIB |
| lldpXMedLocAssetID (1.0.8802.1.1.2.1.5.4795.1.2.8) | read-only | Current | As per MIB |
| lldpxMedLocXPoEDeviceType (1.0.8802.1.1.2.1.5.4795.1.2.10) | read-only | Current | As per MIB |
| lldpXMedLocXPoEPSEPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.12) | read-only | Current | As per MIB |
| lldpXMedLocXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.2.13) | read-only | Current | As per MIB |
| lldpXMedLocXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.14) | read-only | Current | As per MIB |
| lldpXMedLocXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.2.15) | read-only | Current | As per MIB |

## lldpXMedPortConfigEntry

**OID: 1.0.8802.1.1.2.1.5.4795.1.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedPortCapSupported (1.0.8802.1.1.2.1.5.4795.1.1.2.1.1) | read-only | Current | As per MIB |
| lldpXMedPortConfigTLVsTxEnable (1.0.8802.1.1.2.1.5.4795.1.1.2.1.2) | read-write | Current | The networkPolicy bit will be set to '1' by default when interface works in bridge mode. Otherwise, it will be  set to '0' by default. The location and extendedPD bits will be set to '0' by default, and other bits will be set to '1' by default. If the extendedPSE bit is set but respective capability is not supported per port, the agent will not send the corresponding TLV. The location bit only support read operation. |
| lldpXMedPortConfigNotifEnable (1.0.8802.1.1.2.1.5.4795.1.1.2.1.3) | read-write | Current | As per MIB |

## lldpXMedLocMediaPolicyTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedLocMediaPolicyAppType (1.0.8802.1.1.2.1.5.4795.1.2.1.1.1) | not-accessible | Current | As per MIB |
| lldpXMedLocMediaPolicyVlanID (1.0.8802.1.1.2.1.5.4795.1.2.1.1.2) | read-only | Current | As per MIB |
| lldpXMedLocMediaPolicyPriority(1.0.8802.1.1.2.1.5.4795.1.2.1.1.3) | read-only | Current | As per MIB |
| lldpXMedLocMediaPolicyDscp (1.0.8802.1.1.2.1.5.4795.1.2.1.1.4) | read-only | Current | As per MIB |
| lldpXMedLocMediaPolicyUnknown (1.0.8802.1.1.2.1.5.4795.1.2.1.1.5) | read-only | Current | As per MIB |
| lldpXMedLocMediaPolicyTagged (1.0.8802.1.1.2.1.5.4795.1.2.1.1.6) | read-only | Current | As per MIB |

## lldpXMedLocLocationTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.2.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedLocLocationSubtype (1.0.8802.1.1.2.1.5.4795.1.2.9.1.1) | not-accessible | Current | Only civicAddress(3) and elin(4) are supported. |
| lldpXMedLocLocationInfo (1.0.8802.1.1.2.1.5.4795.1.2.9.1.2) | read-write | Current | The bit 'location(2)' of the lldpXMedPortConfigTLVsTxEnable object will be set to '1' when the location information is configured, and it will be set to '0' when the location information is deleted. |

## lldpXMedLocXPoEPSEPortTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.2.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedLocXPoEPSEPortPowerAv (1.0.8802.1.1.2.1.5.4795.1.2.11.1.1) | read-only | Current | As per MIB |
| lldpXMedLocXPoEPSEPortPDPriority (1.0.8802.1.1.2.1.5.4795.1.2.11.1.2) | read-only | Current | As per MIB |

## lldpXMedRemCapabilitiesTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemCapSupported (1.0.8802.1.1.2.1.5.4795.1.3.1.1.1) | read-only | No | As per MIB |
| lldpXMedRemCapCurrent (1.0.8802.1.1.2.1.5.4795.1.3.1.1.2) | read-only | No | As per MIB |
| lldpXMedRemDeviceClass (1.0.8802.1.1.2.1.5.4795.1.3.1.1.3) | read-only | No | As per MIB |

## lldpXMedRemMediaPolicyTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemMediaPolicyAppType (1.0.8802.1.1.2.1.5.4795.1.3.2.1.1) | not-accessible | No | As per MIB |
| lldpXMedRemMediaPolicyVlanID (1.0.8802.1.1.2.1.5.4795.1.3.2.1.2) | read-only | No | As per MIB |
| lldpXMedRemMediaPolicyPriority (1.0.8802.1.1.2.1.5.4795.1.3.2.1.3) | read-only | No | As per MIB |
| lldpXMedRemMediaPolicyDscp (1.0.8802.1.1.2.1.5.4795.1.3.2.1.4) | read-only | No | As per MIB |
| lldpXMedRemMediaPolicyUnknown (1.0.8802.1.1.2.1.5.4795.1.3.2.1.5) | read-only | No | As per MIB |
| lldpXMedRemMediaPolicyTagged (1.0.8802.1.1.2.1.5.4795.1.3.2.1.6) | read-only | No | As per MIB |

## lldpXMedRemInventoryTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemHardwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.1) | read-only | No | As per MIB |
| lldpXMedRemFirmwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.2) | read-only | No | As per MIB |
| lldpXMedRemSoftwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.3) | read-only | No | As per MIB |
| lldpXMedRemSerialNum (1.0.8802.1.1.2.1.5.4795.1.3.3.1.4) | read-only | No | As per MIB |
| lldpXMedRemMfgName (1.0.8802.1.1.2.1.5.4795.1.3.3.1.5) | read-only | No | As per MIB |
| lldpXMedRemModelName (1.0.8802.1.1.2.1.5.4795.1.3.3.1.6) | read-only | No | As per MIB |
| lldpXMedRemAssetID (1.0.8802.1.1.2.1.5.4795.1.3.3.1.7) | read-only | No | As per MIB |

## lldpXMedRemLocationTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemLocationSubtype(1.0.8802.1.1.2.1.5.4795.1.3.4.1.1) | not-accessible | No | As per MIB |
| lldpXMedRemLocationInfo (1.0.8802.1.1.2.1.5.4795.1.3.4.1.2) | read-only | No | As per MIB |

## lldpXMedRemXPoETable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemXPoEDeviceType (1.0.8802.1.1.2.1.5.4795.1.3.5.1.1) | read-only | No | As per MIB |

## lldpXMedRemXPoEPSETable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemXPoEPSEPowerAv (1.0.8802.1.1.2.1.5.4795.1.3.6.1.1) | read-only | No | As per MIB |
| lldpXMedRemXPoEPSEPowerSource (1.0.8802.1.1.2.1.5.4795.1.3.6.1.2) | read-only | No | As per MIB |
| lldpXMedRemXPoEPSEPowerPriority (1.0.8802.1.1.2.1.5.4795.1.3.6.1.3) | read-only | No | As per MIB |

## lldpXMedRemXPoEPDTable

**OID: 1.0.8802.1.1.2.1.5.4795.1.3.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpXMedRemXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.3.7.1.1) | read-only | No | As per MIB |
| lldpXMedRemXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.3.7.1.2) | read-only | No | As per MIB |
| lldpXMedRemXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.3.7.1.3) | read-only | No | As per MIB |

# LLDP-MIB

Management Information Base module for LLDP configuration statistics, local system data and remote systems data components.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpMessageTxInterval (1.0.8802.1.1.2.1.1.1) | read-write | Current | As per MIB |
| lldpMessageTxHoldMultiplier (1.0.8802.1.1.2.1.1.2) | read-write | Current | As per MIB |
| lldpReinitDelay (1.0.8802.1.1.2.1.1.3) | read-write | Current | As per MIB |
| lldpTxDelay (1.0.8802.1.1.2.1.1.4) | read-only | No | Not supported.The value is always 2. |
| lldpNotificationInterval (1.0.8802.1.1.2.1.1.5) | read-write | Current | The default value is 30. |
| lldpStatsRemTablesLastChangeTime (1.0.8802.1.1.2.1.2.1) | read-only | No | As per MIB |
| lldpStatsRemTablesInserts (1.0.8802.1.1.2.1.2.2) | read-only | No | As per MIB |
| lldpStatsRemTablesDeletes (1.0.8802.1.1.2.1.2.3) | read-only | No | As per MIB |
| lldpStatsRemTablesDrops (1.0.8802.1.1.2.1.2.4) | read-only | No | As per MIB |
| lldpStatsRemTablesAgeouts (1.0.8802.1.1.2.1.2.5) | read-only | No | As per MIB |
| lldpLocChassisIdSubtype (1.0.8802.1.1.2.1.3.1) | read-only | Current | As per MIB |
| lldpLocChassisId (1.0.8802.1.1.2.1.3.2) | read-only | Current | As per MIB |
| lldpLocSysName (1.0.8802.1.1.2.1.3.3) | read-only | Current | As per MIB |
| lldpLocSysDesc (1.0.8802.1.1.2.1.3.4) | read-only | Current | As per MIB |
| lldpLocSysCapSupported (1.0.8802.1.1.2.1.3.5) | read-only | Current | As per MIB |
| lldpLocSysCapEnabled (1.0.8802.1.1.2.1.3.6) | read-only | Current | As per MIB |

## lldpPortConfigTable

**OID: 1.0.8802.1.1.2.1.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpPortConfigPortNum (1.0.8802.1.1.2.1.1.6.1.1) | not-accessible | Current | As per MIB |
| lldpPortConfigAdminStatus (1.0.8802.1.1.2.1.1.6.1.2) | read-write | Current | As per MIB |
| lldpPortConfigNotificationEnable (1.0.8802.1.1.2.1.1.6.1.3) | read-write | Current | As per MIB |
| lldpPortConfigTLVsTxEnable (1.0.8802.1.1.2.1.1.6.1.4) | read-write | Current | Every bit will be set to ‘1’ by default, which means all LLDP basic operational TLVs will be transmitted on the given port. |

## lldpConfigManAddrTable

**OID: 1.0.8802.1.1.2.1.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpConfigManAddrPortsTxEnable (1.0.8802.1.1.2.1.1.7.1.1) | read-write | Current | Each port of the system is represented by a single bit within the value of this object. Every bit will be set to ‘1’ by default, which means all ports are specified for advertising indicated management address instance. |

## lldpStatsTxPortTable

**OID: 1.0.8802.1.1.2.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpStatsTxPortNum (1.0.8802.1.1.2.1.2.6.1.1) | not-accessible | Current | As per MIB |
| lldpStatsTxPortFramesTotal (1.0.8802.1.1.2.1.2.6.1.2) | read-only | No | As per MIB |

## lldpStatsRxPortTable

**OID: 1.0.8802.1.1.2.1.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpStatsRxPortNum (1.0.8802.1.1.2.1.2.7.1.1) | not-accessible | Current | As per MIB |
| lldpStatsRxPortFramesDiscardedTotal (1.0.8802.1.1.2.1.2.7.1.2) | read-only | No | As per MIB |
| lldpStatsRxPortFramesErrors (1.0.8802.1.1.2.1.2.7.1.3) | read-only | No | As per MIB |
| lldpStatsRxPortFramesTotal (1.0.8802.1.1.2.1.2.7.1.4) | read-only | No | As per MIB |
| lldpStatsRxPortTLVsDiscardedTotal (1.0.8802.1.1.2.1.2.7.1.5) | read-only | No | As per MIB |
| lldpStatsRxPortTLVsUnrecognizedTotal (1.0.8802.1.1.2.1.2.7.1.6) | read-only | No | As per MIB |
| lldpStatsRxPortAgeoutsTotal (1.0.8802.1.1.2.1.2.7.1.7) | read-only | No | As per MIB |

## lldpLocPortTable

**OID: 1.0.8802.1.1.2.1.3.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpLocPortNum (1.0.8802.1.1.2.1.3.7.1.1) | not-accessible | Current | As per MIB |
| lldpLocPortIdSubtype (1.0.8802.1.1.2.1.3.7.1.2) | read-only | Current | As per MIB |
| lldpLocPortId (1.0.8802.1.1.2.1.3.7.1.3) | read-only | Current | If the port has MED neighbor, the PortID will be MAC address; If it has no MED neighbor, the PortID will be interface name. |
| lldpLocPortDesc (1.0.8802.1.1.2.1.3.7.1.4) | read-only | Current | As per MIB |

## lldpLocManAddrTable

**OID: 1.0.8802.1.1.2.1.3.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpLocManAddrSubtype (1.0.8802.1.1.2.1.3.8.1.1) | not-accessible | Current | As per MIB |
| lldpLocManAddr (1.0.8802.1.1.2.1.3.8.1.2) | not-accessible | Current | As per MIB |
| lldpLocManAddrLen (1.0.8802.1.1.2.1.3.8.1.3) | read-only | Current | As per MIB |
| lldpLocManAddrIfSubtype (1.0.8802.1.1.2.1.3.8.1.4) | read-only | Current | The subtype is IfIndex. |
| lldpLocManAddrIfId (1.0.8802.1.1.2.1.3.8.1.5) | read-only | Current | IfIndex of the interface associated with the management address.  When the interface associated with the management address does not exist, this object will be zero. |
| lldpLocManAddrOID (1.0.8802.1.1.2.1.3.8.1.6) | read-only | Current | Not supported |

## lldpRemTable

**OID: 1.0.8802.1.1.2.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpRemTimeMark (1.0.8802.1.1.2.1.4.1.1.1) | not-accessible | No | This object identifies the time when the remote system information was created or updated.  Network management can look up the history of remote system information with this object. |
| lldpRemLocalPortNum (1.0.8802.1.1.2.1.4.1.1.2) | not-accessible | No | As per MIB |
| lldpRemIndex (1.0.8802.1.1.2.1.4.1.1.3) | not-accessible | No | As per MIB |
| lldpRemChassisIdSubtype (1.0.8802.1.1.2.1.4.1.1.4) | read-only | No | As per MIB |
| lldpRemChassisId (1.0.8802.1.1.2.1.4.1.1.5) | read-only | No | As per MIB |
| lldpRemPortIdSubtype (1.0.8802.1.1.2.1.4.1.1.6) | read-only | No | As per MIB |
| lldpRemPortId (1.0.8802.1.1.2.1.4.1.1.7) | read-only | No | As per MIB |
| lldpRemPortDesc (1.0.8802.1.1.2.1.4.1.1.8) | read-only | No | As per MIB |
| lldpRemSysName (1.0.8802.1.1.2.1.4.1.1.9) | read-only | No | As per MIB |
| lldpRemSysDesc (1.0.8802.1.1.2.1.4.1.1.10) | read-only | No | As per MIB |
| lldpRemSysCapSupported (1.0.8802.1.1.2.1.4.1.1.11) | read-only | No | As per MIB |
| lldpRemSysCapEnabled (1.0.8802.1.1.2.1.4.1.1.12) | read-only | No | As per MIB |

## lldpRemManAddrTable

**OID: 1.0.8802.1.1.2.1.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpRemManAddrSubtype (1.0.8802.1.1.2.1.4.2.1.1) | not-accessible | No | As per MIB |
| lldpRemManAddr (1.0.8802.1.1.2.1.4.2.1.2) | not-accessible | No | As per MIB |
| lldpRemManAddrIfSubtype (1.0.8802.1.1.2.1.4.2.1.3) | read-only | No | As per MIB |
| lldpRemManAddrIfId (1.0.8802.1.1.2.1.4.2.1.4) | read-only | No | As per MIB |
| lldpRemManAddrOID (1.0.8802.1.1.2.1.4.2.1.5) | read-only | No | Not supported |

## lldpRemUnknownTLVTable

**OID: 1.0.8802.1.1.2.1.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpRemUnknownTLVType (1.0.8802.1.1.2.1.4.3.1.1) | not-accessible | No | As per MIB |
| lldpRemUnknownTLVInfo (1.0.8802.1.1.2.1.4.3.1.2) | read-only | No | As per MIB |

## lldpRemOrgDefInfoTable

**OID: 1.0.8802.1.1.2.1.4.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpRemOrgDefInfoOUI (1.0.8802.1.1.2.1.4.4.1.1) | not-accessible | No | As per MIB |
| lldpRemOrgDefInfoSubtype (1.0.8802.1.1.2.1.4.4.1.2) | not-accessible | No | As per MIB |
| lldpRemOrgDefInfoIndex (1.0.8802.1.1.2.1.4.4.1.3) | not-accessible | No | As per MIB |
| lldpRemOrgDefInfo (1.0.8802.1.1.2.1.4.4.1.4) | read-only | No | As per MIB |

# LLDP-V2-MIB

Management Information Base module for LLDP configuration statistics, local system data and remote systems data components.

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2MessageTxInterval (1.3.111.2.802.1.1.13.1.1.1) | read-write | Current | As per MIB |
| lldpV2MessageTxHoldMultiplier (1.3.111.2.802.1.1.13.1.1.2) | read-write | Current | As per MIB |
| lldpV2ReinitDelay (1.3.111.2.802.1.1.13.1.1.3) | read-write | Current | As per MIB |
| lldpV2NotificationInterval (1.3.111.2.802.1.1.13.1.1.4) | read-write | Current | As per MIB |
| lldpV2TxCreditMax (1.3.111.2.802.1.1.13.1.1.5) | read-write | Current | As per MIB |
| lldpV2MessageFastTx (1.3.111.2.802.1.1.13.1.1.6) | read-write | Current | As per MIB |
| lldpV2TxFastInit (1.3.111.2.802.1.1.13.1.1.7) | read-write | Current | As per MIB |
| lldpV2StatsRemTablesLastChangeTime (1.3.111.2.802.1.1.13.1.2.1) | read-only | No | As per MIB |
| lldpV2StatsRemTablesInserts (1.3.111.2.802.1.1.13.1.2.2) | read-only | No | As per MIB |
| lldpV2StatsRemTablesDeletes (1.3.111.2.802.1.1.13.1.2.3) | read-only | No | As per MIB |
| lldpV2StatsRemTablesDrops (1.3.111.2.802.1.1.13.1.2.4) | read-only | No | As per MIB |
| lldpV2StatsRemTablesAgeouts (1.3.111.2.802.1.1.13.1.2.5) | read-only | No | As per MIB |
| lldpV2LocChassisIdSubtype (1.3.111.2.802.1.1.13.1.3.1) | read-only | Yes | As per MIB |
| lldpV2LocChassisId (1.3.111.2.802.1.1.13.1.3.2) | read-only | Yes | As per MIB |
| lldpV2LocSysName (1.3.111.2.802.1.1.13.1.3.3) | read-only | Current | As per MIB |
| lldpV2LocSysDesc (1.3.111.2.802.1.1.13.1.3.4) | read-only | Yes | As per MIB |
| lldpV2LocSysCapSupported (1.3.111.2.802.1.1.13.1.3.5) | read-only | Yes | As per MIB |
| lldpV2LocSysCapEnabled (1.3.111.2.802.1.1.13.1.3.6) | read-only | Yes | As per MIB |

## lldpV2PortConfigTable

**OID: 1.3.111.2.802.1.1.13.1.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2PortConfigIfIndex (1.3.111.2.802.1.1.13.1.1.8.1.1) | not-accessible | Current | As per MIB |
| lldpV2PortConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.8.1.2) | not-accessible | Yes | As per MIB |
| lldpV2PortConfigAdminStatus (1.3.111.2.802.1.1.13.1.1.8.1.3) | read-write | Current | The default value is disabled(4) for a Layer 2 Ethernet interface in nearest- nontpmr or nearest-customer agent, for a Layer 2 aggregate interface in nearest- nontpmr or nearest-customer agent, for a Layer 3 Ethernet interface in nearest- nontpmr or nearest-customer agent and for a Layer 3 aggregate interface in nearest- nontpmr or nearest-customer agent. |
| lldpV2PortConfigNotificationEnable (1.3.111.2.802.1.1.13.1.1.8.1.4) | read-write | Current | As per MIB |
| lldpV2PortConfigTLVsTxEnable (1.3.111.2.802.1.1.13.1.1.8.1.5) | read-write | Current | The default value is 0xf0 for a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent, for a Layer 2 aggregate interface in nearest-customer agent, for a Layer 3 Ethernet interface in nearest-bridge or nearest-customer agent and for a Layer 3 aggregate interface in nearest-customer agent. The default value is 0x40 for an S-channel interface. |

## lldpV2DestAddressTable

**OID: 1.3.111.2.802.1.1.13.1.1.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2AddressTableIndex (1.3.111.2.802.1.1.13.1.1.9.1.1) | not-accessible | Yes | As per MIB |
| lldpV2DestMacAddress (1.3.111.2.802.1.1.13.1.1.9.1.2) | read-only | Yes | As per MIB |

## lldpV2ManAddrConfigTxPortsTable

**OID: 1.3.111.2.802.1.1.13.1.1.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2ManAddrConfigIfIndex (1.3.111.2.802.1.1.13.1.1.10.1.1) | not-accessible | Current | As per MIB |
| lldpV2ManAddrConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.10.1.2) | not-accessible | Yes | As per MIB |
| lldpV2ManAddrConfigLocManAddrSubtype (1.3.111.2.802.1.1.13.1.1.10.1.3) | not-accessible | Yes | As per MIB |
| lldpV2ManAddrConfigLocManAddr (1.3.111.2.802.1.1.13.1.1.10.1.4) | not-accessible | Current | Only support one ManAddr TLV. |
| lldpV2ManAddrConfigTxEnable (1.3.111.2.802.1.1.13.1.1.10.1.5) | read-create | Current | The default value is True for a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent, for a Layer 2 aggregate interface in nearest-customer agent, for a Layer 3 Ethernet interface in nearest-bridge or nearest-customer agent and for a Layer 3 aggregate interface in nearest-customer agent. |
| lldpV2ManAddrConfigRowStatus (1.3.111.2.802.1.1.13.1.1.10.1.6) | read-create | Current | Only support active(1)、createAndGo(4) and destroy(6). |

## lldpV2StatsTxPortTable

**OID: 1.3.111.2.802.1.1.13.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2StatsTxIfIndex (1.3.111.2.802.1.1.13.1.2.6.1.1) | not-accessible | Current | As per MIB |
| lldpV2StatsTxDestMACAddress (1.3.111.2.802.1.1.13.1.2.6.1.2) | not-accessible | Yes | As per MIB |
| lldpV2StatsTxPortFramesTotal (1.3.111.2.802.1.1.13.1.2.6.1.3) | read-only | No | As per MIB |
| lldpV2StatsTxLLDPDULengthErrors (1.3.111.2.802.1.1.13.1.2.6.1.4) | read-only | No | As per MIB |

## lldpV2StatsRxPortTable

**OID: 1.3.111.2.802.1.1.13.1.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2StatsRxDestIfIndex (1.3.111.2.802.1.1.13.1.2.7.1.1) | not-accessible | Current | As per MIB |
| lldpV2StatsRxDestMACAddress(1.3.111.2.802.1.1.13.1.2.7.1.2) | not-accessible | Yes | As per MIB |
| lldpV2StatsRxPortFramesDiscardedTotal (1.3.111.2.802.1.1.13.1.2.7.1.3) | read-only | No | As per MIB |
| lldpV2StatsRxPortFramesErrors(1.3.111.2.802.1.1.13.1.2.7.1.4) | read-only | No | As per MIB |
| lldpV2StatsRxPortFramesTotal (1.3.111.2.802.1.1.13.1.2.7.1.5) | read-only | No | As per MIB |
| lldpV2StatsRxPortTLVsDiscardedTotal (1.3.111.2.802.1.1.13.1.2.7.1.6) | read-only | No | As per MIB |
| lldpV2StatsRxPortTLVsUnrecognizedTotal (1.3.111.2.802.1.1.13.1.2.7.1.7) | read-only | No | As per MIB |
| lldpV2StatsRxPortAgeoutsTotal (1.3.111.2.802.1.1.13.1.2.7.1.8) | read-only | No | As per MIB |

## lldpV2LocPortTable

**OID: 1.3.111.2.802.1.1.13.1.3.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2LocPortIfIndex (1.3.111.2.802.1.1.13.1.3.7.1.1) | not-accessible | Current | As per MIB |
| lldpV2LocPortIdSubtype (1.3.111.2.802.1.1.13.1.3.7.1.2) | read-only | Yes | As per MIB |
| lldpV2LocPortId (1.3.111.2.802.1.1.13.1.3.7.1.3) | read-only | Yes | As per MIB |
| lldpV2LocPortDesc (1.3.111.2.802.1.1.13.1.3.7.1.4) | read-only | Current | As per MIB |

## lldpV2LocManAddrTable

**OID: 1.3.111.2.802.1.1.13.1.3.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2LocManAddrSubtype (1.3.111.2.802.1.1.13.1.3.8.1.1) | not-accessible | Yes | As per MIB |
| lldpV2LocManAddr (1.3.111.2.802.1.1.13.1.3.8.1.2) | not-accessible | Current | Only support one ManAddr TLV. |
| lldpV2LocManAddrLen (1.3.111.2.802.1.1.13.1.3.8.1.3) | read-only | Yes | As per MIB |
| lldpV2LocManAddrIfSubtype (1.3.111.2.802.1.1.13.1.3.8.1.4) | read-only | Yes | As per MIB |
| lldpV2LocManAddrIfId (1.3.111.2.802.1.1.13.1.3.8.1.5) | read-only | Current | As per MIB |
| lldpV2LocManAddrOID (1.3.111.2.802.1.1.13.1.3.8.1.6) | read-only | Yes | Not supported |

## lldpV2RemTable

**OID: 1.3.111.2.802.1.1.13.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2RemTimeMark (1.3.111.2.802.1.1.13.1.4.1.1.1) | not-accessible | No | This object identifies the time when the remote system information is created or updated.  Network management can look up the history of remote system information by this object. |
| lldpV2RemLocalIfIndex (1.3.111.2.802.1.1.13.1.4.1.1.2) | not-accessible | No | As per MIB |
| lldpV2RemLocalDestMACAddress (1.3.111.2.802.1.1.13.1.4.1.1.3) | not-accessible | No | As per MIB |
| lldpV2RemIndex (1.3.111.2.802.1.1.13.1.4.1.1.4) | not-accessible | No | As per MIB |
| lldpV2RemChassisIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.5) | read-only | No | As per MIB |
| lldpV2RemChassisId (1.3.111.2.802.1.1.13.1.4.1.1.6) | read-only | No | As per MIB |
| lldpV2RemPortIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.7) | read-only | No | As per MIB |
| lldpV2RemPortId (1.3.111.2.802.1.1.13.1.4.1.1.8) | read-only | No | As per MIB |
| lldpV2RemPortDesc (1.3.111.2.802.1.1.13.1.4.1.1.9) | read-only | No | As per MIB |
| lldpV2RemSysName (1.3.111.2.802.1.1.13.1.4.1.1.10) | read-only | No | As per MIB |
| lldpV2RemSysDesc (1.3.111.2.802.1.1.13.1.4.1.1.11) | read-only | No | As per MIB |
| lldpV2RemSysCapSupported (1.3.111.2.802.1.1.13.1.4.1.1.12) | read-only | No | As per MIB |
| lldpV2RemSysCapEnabled (1.3.111.2.802.1.1.13.1.4.1.1.13) | read-only | No | As per MIB |
| lldpV2RemRemoteChanges (1.3.111.2.802.1.1.13.1.4.1.1.14) | read-only | No | As per MIB |
| lldpV2RemTooManyNeighbors (1.3.111.2.802.1.1.13.1.4.1.1.15) | read-only | No | As per MIB |

## lldpV2RemManAddrTable

**OID: 1.3.111.2.802.1.1.13.1.4.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2RemManAddrSubtype (1.3.111.2.802.1.1.13.1.4.2.1.1) | not-accessible | No | As per MIB |
| lldpV2RemManAddr (1.3.111.2.802.1.1.13.1.4.2.1.2) | not-accessible | No | As per MIB |
| lldpV2RemManAddrIfSubtype (1.3.111.2.802.1.1.13.1.4.2.1.3) | read-only | No | As per MIB |
| lldpV2RemManAddrIfId (1.3.111.2.802.1.1.13.1.4.2.1.4) | read-only | No | As per MIB |
| lldpV2RemManAddrOID (1.3.111.2.802.1.1.13.1.4.2.1.5) | read-only | No | Not supported |

## lldpV2RemUnknownTLVTable

**OID: 1.3.111.2.802.1.1.13.1.4.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2RemUnknownTLVType (1.3.111.2.802.1.1.13.1.4.3.1.1) | not-accessible | No | As per MIB |
| lldpV2RemUnknownTLVInfo (1.3.111.2.802.1.1.13.1.4.3.1.2) | read-only | No | As per MIB |

## lldpV2RemOrgDefInfoTable

**OID: 1.3.111.2.802.1.1.13.1.4.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| lldpV2RemOrgDefInfoOUI (1.3.111.2.802.1.1.13.1.4.4.1.1) | not-accessible | No | As per MIB |
| lldpV2RemOrgDefInfoSubType (1.3.111.2.802.1.1.13.1.4.4.1.2) | not-accessible | No | As per MIB |
| lldpV2RemOrgDefInfoIndex (1.3.111.2.802.1.1.13.1.4.4.1.3) | not-accessible | No | As per MIB |
| lldpV2RemOrgDefInfo (1.3.111.2.802.1.1.13.1.4.4.1.4) | read-only | No | As per MIB |

# MAU-MIB

## ifMauTable

**OID: 1.3.6.1.2.1.26.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifMauIfIndex (1.3.6.1.2.1.26.2.1.1.1) | read-only | No | As per MIB |
| ifMauIndex (1.3.6.1.2.1.26.2.1.1.2) | read-only | No | As per MIB |
| ifMauType (1.3.6.1.2.1.26.2.1.1.3) | read-only | No | As per MIB |
| ifMauStatus (1.3.6.1.2.1.26.2.1.1.4) | read-write | No | Only support read operation |
| ifMauMediaAvailable (1.3.6.1.2.1.26.2.1.1.5) | read-only | No | As per MIB |
| ifMauMediaAvailableStateExits (1.3.6.1.2.1.26.2.1.1.6) | read-only | No | As per MIB |
| ifMauJabberState (1.3.6.1.2.1.26.2.1.1.7) | read-only | No | As per MIB |
| ifMauJabberingStateEnters (1.3.6.1.2.1.26.2.1.1.8) | read-only | No | As per MIB |
| ifMauFalseCarriers (1.3.6.1.2.1.26.2.1.1.9) | read-only | No | As per MIB |
| ifMauTypeList (1.3.6.1.2.1.26.2.1.1.10) | read-only | Current | Not supported |
| ifMauDefaultType (1.3.6.1.2.1.26.2.1.1.11) | read-write | Current | Only support read operation |
| ifMauAutoNegSupported (1.3.6.1.2.1.26.2.1.1.12) | read-only | Yes | As per MIB |
| ifMauTypeListBits (1.3.6.1.2.1.26.2.1.1.13) | read-only | Current | As per MIB |
| ifMauHCFalseCarriers (1.3.6.1.2.1.26.2.1.1.14) | read-only | No | Not supported |

## ifJackTable of dot3IfMauBasicGroup

**OID: 1.3.6.1.2.1.26.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifJackIndex (1.3.6.1.2.1.26.2.2.1.1) | not-accessible | No | As per MIB |
| ifJackType (1.3.6.1.2.1.26.2.2.1.2) | read-only | Current | As per MIB |

## ifMauAutoNegTable

**OID: 1.3.6.1.2.1.26.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ifMauAutoNegAdminStatus (1.3.6.1.2.1.26.5.1.1.1) | read-write | Current | Only support read operation |
| ifMauAutoNegRemoteSignaling (1.3.6.1.2.1.26.5.1.1.2) | read-only | No | Not supported for L2 GigabitEthernet port |
| ifMauAutoNegConfig (1.3.6.1.2.1.26.5.1.1.4) | read-only | Current | As per MIB |
| ifMauAutoNegCapability (1.3.6.1.2.1.26.5.1.1.5) | read-only | Current | Not supported |
| ifMauAutoNegCapAdvertised (1.3.6.1.2.1.26.5.1.1.6) | read-write | Current | Not supported |
| ifMauAutoNegCapReceived (1.3.6.1.2.1.26.5.1.1.7) | read-only | No | Not supported |
| ifMauAutoNegRestart (1.3.6.1.2.1.26.5.1.1.8) | read-write | Current | Only support read operation |
| ifMauAutoNegCapabilityBits (1.3.6.1.2.1.26.5.1.1.9) | read-only | Current | As per MIB |
| ifMauAutoNegCapAdvertisedBits (1.3.6.1.2.1.26.5.1.1.10) | read-write | Current | Only support read operation and not supported for L2 GigabitEthernet port |
| ifMauAutoNegCapReceivedBits (1.3.6.1.2.1.26.5.1.1.11) | read-only | No | As per MIB |
| ifMauAutoNegRemoteFaultAdvertised (1.3.6.1.2.1.26.5.1.1.12) | read-write | Current | Only support read operation and not supported for L2 GigabitEthernet port |
| ifMauAutoNegRemoteFaultReceived (1.3.6.1.2.1.26.5.1.1.13) | read-only | Current | As per MIB |

# MGMD-STD-MIB

This Multicast Group Membership Discovery (MGMD) MIB module contains eight tables:

(1) the MGMD Host Interface Table, which contains one row for each interface on which IGMP or MLD is enabled on a host.

(2) the MGMD Router Interface Table, which contains one row for each interface on which MGMD is enabled on a router.

(3) the MGMD Host Cache Table, which contains one row for each IP multicast group for which there are members on a particular interface on a host.

(4) the MGMD Router Cache Table, which contains one row for each IP multicast group for which there are members on a particular interface on a router.

(5) the reverse MGMD Host Table, which contains one row for each interface for which there are active multicast groups on a host.

(6) the reverse MGMD Router Table, which contains one row for each interface for which there are active multicast groups on a router.

(7) the MGMD HostSrcList Table, which contains one row for each entry in the source filter record for an interface and multicast group pair on a host.

(8) the MGMD RouterSrcList Table, which contains one row for each entry in the source filter record for an interface and multicast group pair on a router.

All tables are intended for EITHER router OR host functionality as indicated by the name and corresponding description, although it is anticipated that there will be scenarios where both terms might apply to a device, e.g., a router that joins a multicast group also as a host for measurement purposes. The source list tables provide an extension to the cache tables to indicate the source-specific includes or excludes associated with each IP multicast group on each specific interface. This functionality is only supported in IGMPv3 and MLDv2-capable nodes.

Incorporated within the MGMD MIB tables are objects for the management of IGMP and MLD proxy devices as described in RFC 4605 [RFC4605]. Proxy devices can be used in simple topologies where it is not necessary to run a full multicast routing protocol. A proxy device can make forwarding decisions based on IGMP or MLD group membership activity.

The MIB references InterfaceIndex and InterfaceIndexOrZero objects as defined in RFC 2863 [RFC2863], the MIB that describes generic objects for network interface sub-layers.

Extensive references to the InetAddress and InetAddressType objects are made as defined in RFC 4001 [RFC4001].

## mgmdRouterInterfaceTable

**OID: 1.3.6.1.2.1.185.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mgmdRouterInterfaceIfIndex  (1.3.6.1.2.1.185.1.2.1.1) | not-accessible | Current | As per MIB |
| mgmdRouterInterfaceQuerierType  (1.3.6.1.2.1.185.1.2.1.2) | not-accessible | Current | As per MIB |
| mgmdRouterInterfaceQuerier  (1.3.6.1.2.1.185.1.2.1.3) | read-only | No | As per MIB |
| mgmdRouterInterfaceQueryInterval  (1.3.6.1.2.1.185.1.2.1.4) | read-create | Current | As per MIB |
| mgmdRouterInterfaceStatus  (1.3.6.1.2.1.185.1.2.1.5) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| mgmdRouterInterfaceVersion  (1.3.6.1.2.1.185.1.2.1.6) | read-create | Current | Default value is 2 |
| mgmdRouterInterfaceQueryMaxResponseTime  (1.3.6.1.2.1.185.1.2.1.7) | read-create | Current | Range from 10 to 31740 |
| mgmdRouterInterfaceQuerierUpTime  (1.3.6.1.2.1.185.1.2.1.8) | read-only | No | As per MIB |
| mgmdRouterInterfaceQuerierExpiryTime  (1.3.6.1.2.1.185.1.2.1.9) | read-only | No | As per MIB |
| mgmdRouterInterfaceWrongVersionQueries  (1.3.6.1.2.1.185.1.2.1.10) | read-only | No | Not supported |
| mgmdRouterInterfaceJoins  (1.3.6.1.2.1.185.1.2.1.11) | read-only | No | As per MIB |
| mgmdRouterInterfaceProxyIfIndex  (1.3.6.1.2.1.185.1.2.1.12) | read-create | Current | Only support read operation |
| mgmdRouterInterfaceGroups  (1.3.6.1.2.1.185.1.2.1.13) | read-only | No | As per MIB |
| mgmdRouterInterfaceRobustness  (1.3.6.1.2.1.185.1.2.1.14) | read-create | Current | As per MIB |
| mgmdRouterInterfaceLastMemberQueryInterval  (1.3.6.1.2.1.185.1.2.1.15) | read-create | Current | Range from 10 to 250 |
| mgmdRouterInterfaceLastMemberQueryCount  (1.3.6.1.2.1.185.1.2.1.16) | read-only | Current | As per MIB |
| mgmdRouterInterfaceStartupQueryCount  (1.3.6.1.2.1.185.1.2.1.17) | read-only | Current | As per MIB |
| mgmdRouterInterfaceStartupQueryInterval  (1.3.6.1.2.1.185.1.2.1.18) | read-only | Current | Range from 1 to 31744 |

## mgmdRouterCacheTable

**OID: 1.3.6.1.2.1.185.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mgmdRouterCacheAddressType  (1.3.6.1.2.1.185.1.4.1.1) | not-accessible | No | As per MIB |
| mgmdRouterCacheAddress  (1.3.6.1.2.1.185.1.4.1.2) | not-accessible | No | As per MIB |
| mgmdRouterCacheIfIndex  (1.3.6.1.2.1.185.1.4.1.3) | not-accessible | No | As per MIB |
| mgmdRouterCacheLastReporter  (1.3.6.1.2.1.185.1.4.1.4) | read-only | No | As per MIB |
| mgmdRouterCacheUpTime  (1.3.6.1.2.1.185.1.4.1.5) | read-only | No | As per MIB |
| mgmdRouterCacheExpiryTime  (1.3.6.1.2.1.185.1.4.1.6) | read-only | No | As per MIB |
| mgmdRouterCacheExcludeModeExpiryTimer  (1.3.6.1.2.1.185.1.4.1.7) | read-only | No | As per MIB |
| mgmdRouterCacheVersion1HostTimer  (1.3.6.1.2.1.185.1.4.1.8) | read-only | No | As per MIB |
| mgmdRouterCacheVersion2HostTimer  (1.3.6.1.2.1.185.1.4.1.9) | read-only | No | As per MIB |
| mgmdRouterCacheSourceFilterMode  (1.3.6.1.2.1.185.1.4.1.10) | read-only | No | As per MIB |

## mgmdInverseRouterCacheTable

**OID: 1.3.6.1.2.1.185.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mgmdInverseRouterCacheIfIndex  (1.3.6.1.2.1.185.1.6.1.1) | not-accessible | No | As per MIB |
| mgmdInverseRouterCacheAddressType  (1.3.6.1.2.1.185.1.6.1.2) | not-accessible | No | As per MIB |
| mgmdInverseRouterCacheAddress  (1.3.6.1.2.1.185.1.6.1.3) | read-only | No | As per MIB |

## mgmdRouterSrcListTable

**OID: 1.3.6.1.2.1.185.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mgmdRouterSrcListAddressType  (1.3.6.1.2.1.185.1.8.1.1) | not-accessible | No | As per MIB |
| mgmdRouterSrcListAddress  (1.3.6.1.2.1.185.1.8.1.2) | not-accessible | No | As per MIB |
| mgmdRouterSrcListIfIndex  (1.3.6.1.2.1.185.1.8.1.3) | not-accessible | No | As per MIB |
| mgmdRouterSrcListHostAddress  (1.3.6.1.2.1.185.1.8.1.4) | not-accessible | No | As per MIB |
| mgmdRouterSrcListExpire  (1.3.6.1.2.1.185.1.8.1.5) | read-only | No | As per MIB |

# MPLS-FRR-FACILITY-STD-MIB

## Scalar objects of mplsFrrFacilityObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFrrConfiguredInterfaces (1.3.6.1.2.1.204.1.1) | read-only | Current | As per MIB |
| mplsFrrActiveInterfaces (1.3.6.1.2.1.204.1.2) | read-only | Current | As per MIB |
| mplsFrrConfiguredBypassTunnels (1.3.6.1.2.1.204.1.3) | read-only | Current | As per MIB |
| mplsFrrActiveBypassTunnels (1.3.6.1.2.1.204.1.4) | read-only | Current | As per MIB |
| mplsFrrFacilityNotificationsEnabled (1.3.6.1.2.1.204.1.5) | read-write | Current | As per MIB |
| mplsFrrFacilityNotificationsMaxRate (1.3.6.1.2.1.204.1.6) | read-write | Current | Not supported. The value is always 0. |

## mplsFrrFacilityDBTable

**OID: 1.3.6.1.2.1.204.1.7.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFrrFacilityProtectedIfIndex (1.3.6.1.2.1.204.1.7.1.1) | not-accessible | No | As per MIB |
| mplsFrrFacilityProtectingTunnelIndex (1.3.6.1.2.1.204.1.7.1.2) | not-accessible | No | As per MIB |
| mplsFrrFacilityBackupTunnelIndex (1.3.6.1.2.1.204.1.7.1.3) | not-accessible | No | As per MIB |
| mplsFrrFacilityBackupTunnelInstance (1.3.6.1.2.1.204.1.7.1.4) | not-accessible | No | As per MIB |
| mplsFrrFacilityBackupTunnelIngressLSRId (1.3.6.1.2.1.204.1.7.1.5) | not-accessible | No | As per MIB |
| mplsFrrFacilityBackupTunnelEgressLSRId (1.3.6.1.2.1.204.1.7.1.6) | not-accessible | No | As per MIB |
| mplsFrrFacilityDBNumProtectingTunnelOnIf (1.3.6.1.2.1.204.1.7.1.7) | read-only | Current | As per MIB |
| mplsFrrFacilityDBNumProtectedLspOnIf (1.3.6.1.2.1.204.1.7.1.8) | read-only | Current | As per MIB |
| mplsFrrFacilityDBNumProtectedTunnels (1.3.6.1.2.1.204.1.7.1.9) | read-only | Current | As per MIB |
| mplsFrrFacilityDBNumProtectingTunnelStatus (1.3.6.1.2.1.204.1.7.1.10) | read-only | Current | Only support acitve(1), ready(2) |
| mplsFrrFacilityDBNumProtectingTunnelResvBw (1.3.6.1.2.1.204.1.7.1.11) | read-only | Current | As per MIB |

# MPLS-FRR-GENERAL-STD-MIB

## scalar objects of mplsFrrGeneralObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFrrGeneralProtectionMethod (1.3.6.1.2.1.202.1.1) | read-write | Current | Only support read operation, Only support facilityBackup(3) |
| mplsFrrGeneralIngressTunnelInstances (1.3.6.1.2.1.204.1.2) | read-only | Current | Only support the number of bypass tunnels |

## mplsFrrGeneralConstraintsTable

**OID: 1.3.6.1.2.1.202.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFrrGeneralConstraintsIfIndexOrZero (1.3.6.1.2.1.202.1.3.1.1) | not-accessible | No | As per MIB |
| mplsFrrGeneralConstraintsTunnelIndex (1.3.6.1.2.1.202.1.3.1.2) | not-accessible | No | As per MIB |
| mplsFrrGeneralConstraintsTunnelInstance (1.3.6.1.2.1.202.1.3.1.3) | not-accessible | No | Only support 0 when operation is set. |
| mplsFrrGeneralConstraintsProtectionType (1.3.6.1.2.1.202.1.3.1.4) | read-create | Current | Only support read operation, Only support nodeProtection(2) |
| mplsFrrGeneralConstraintsSetupPrio (1.3.6.1.2.1.202.1.3.1.5) | read-create | Current | Only support read operation |
| mplsFrrGeneralConstraintsHoldingPrio (1.3.6.1.2.1.202.1.3.1.6) | read-create | Current | Only support read operation |
| mplsFrrGeneralConstraintsInclAnyAffinity (1.3.6.1.2.1.202.1.3.1.7) | read-create | Current | Only support read operation |
| mplsFrrGeneralConstraintsInclAllAffinity (1.3.6.1.2.1.202.1.3.1.8) | read-create | Current | Only support read operation |
| mplsFrrGeneralConstraintsExclAnyAffinity (1.3.6.1.2.1.202.1.3.1.9) | read-create | Current | Only support read operation |
| mplsFrrGeneralConstraintsHopLimit (1.3.6.1.2.1.202.1.3.1.10) | read-create | Current | Not supported. The value is always 255. |
| mplsFrrGeneralConstraintsBandwidth (1.3.6.1.2.1.202.1.3.1.11) | read-create | Current | Only support CT0 |
| mplsFrrGeneralConstraintsStorageType (1.3.6.1.2.1.202.1.3.1.12) | read-create | Current | Not supported. The value is always nonvolatile(3). |
| mplsFrrGeneralConstraintsRowStatus (1.3.6.1.2.1.202.1.3.1.13) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## mplsFrrGeneralTunnelARHopTable

**OID: 1.3.6.1.2.1.202.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFrrGeneralTunnelARHopSessionAttributeFlags (1.3.6.1.2.1.202.1.4.1.1) | read-only | Current | As per MIB |
| mplsFrrGeneralTunnelARHopRROSubObjectFlags (1.3.6.1.2.1.202.1.4.1.2) | read-only | Current | As per MIB |

# MPLS-FTN-STD-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| **Object (OID)** | **Access** | **PDS** | **Comments** |
| mplsFTNIndexNext  (1.3.6.1.2.1.10.166.8.1.1) | read-only | No | As per MIB |
| mplsFTNTableLastChanged  (1.3.6.1.2.1.10.166.8.1.2) | read-only | No | As per MIB |
| mplsFTNMapTableLastChanged  (1.3.6.1.2.1.10.166.8.1.4) | read-only | No | As per MIB |

## mplsFTNTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously:

mplsFTNRowStatus, mplsFTNAddrType, mplsFTNDestAddrMin, mplsFTNDestAddrMax, mplsFTNActionType, mplsFTNActionPointer

**OID: 1.3.6.1.2.1.10.166.8.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object (OID)** | **Access** | **PDS** | **Comments** |
| mplsFTNIndex  (1.3.6.1.2.1.10.166.8.1.3.1.1) | not-accessible | No | As per MIB |
| mplsFTNRowStatus  (1.3.6.1.2.1.10.166.8.1.3.1.2) | read-create | No | Only support active(1), createAndGo(4), destroy(6) |
| mplsFTNDescr  (1.3.6.1.2.1.10.166.8.1.3.1.3) | read-create | No | Only support read operation |
| mplsFTNMask  (1.3.6.1.2.1.10.166.8.1.3.1.4) | read-create | No | Only support read operation |
| mplsFTNAddrType  (1.3.6.1.2.1.10.166.8.1.3.1.5) | read-create | No | Only support IPv4 address |
| mplsFTNSourceAddrMin  (1.3.6.1.2.1.10.166.8.1.3.1.6) | read-create | No | Only support read operation |
| mplsFTNSourceAddrMax  (1.3.6.1.2.1.10.166.8.1.3.1.7) | read-create | No | Only support read operation |
| mplsFTNDestAddrMin  (1.3.6.1.2.1.10.166.8.1.3.1.8) | read-create | No | As per MIB |
| mplsFTNDestAddrMax  (1.3.6.1.2.1.10.166.8.1.3.1.9) | read-create | No | As per MIB |
| mplsFTNSourcePortMin  (1.3.6.1.2.1.10.166.8.1.3.1.10) | read-create | No | Only support read operation |
| mplsFTNSourcePortMax  (1.3.6.1.2.1.10.166.8.1.3.1.11) | read-create | No | Only support read operation |
| mplsFTNDestPortMin  (1.3.6.1.2.1.10.166.8.1.3.1.12) | read-create | No | Only support read operation |
| mplsFTNDestPortMax  (1.3.6.1.2.1.10.166.8.1.3.1.13) | read-create | No | Only support read operation |
| mplsFTNProtocol  (1.3.6.1.2.1.10.166.8.1.3.1.14) | read-create | No | Only support read operation  Range from 0 to 255 |
| mplsFTNDscp  (1.3.6.1.2.1.10.166.8.1.3.1.15) | read-create | No | Only support read operation |
| mplsFTNActionType  (1.3.6.1.2.1.10.166.8.1.3.1.16) | read-create | No | Only support redirectLsp(1) for set operation. |
| mplsFTNActionPointer  (1.3.6.1.2.1.10.166.8.1.3.1.17) | read-create | No | As per MIB |
| mplsFTNStorageType  (1.3.6.1.2.1.10.166.8.1.3.1.18) | read-create | No | Only support read operation |

## mplsFTNMapTable

**OID: 1.3.6.1.2.1.10.166.8.1.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object (OID)** | **Access** | **PDS** | **Comments** |
| mplsFTNMapIndex  (1.3.6.1.2.1.10.166.8.1.5.1.1) | not-accessible | No | As per MIB |
| mplsFTNMapPrevIndex  (1.3.6.1.2.1.10.166.8.1.5.1.2) | not-accessible | No | As per MIB |
| mplsFTNMapCurrIndex  (1.3.6.1.2.1.10.166.8.1.5.1.3) | not-accessible | No | As per MIB |
| mplsFTNMapRowStatus  (1.3.6.1.2.1.10.166.8.1.5.1.4) | read-create | No | Only support read operation |
| mplsFTNMapStorageType  (1.3.6.1.2.1.10.166.8.1.5.1.5) | read-create | No | Only support read operation |

## mplsFTNPerfTable

**OID: 1.3.6.1.2.1.10.166.8.1.6.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object (OID)** | **Access** | **PDS** | **Comments** |
| mplsFTNPerfIndex  (1.3.6.1.2.1.10.166.8.1.6.1.1) | not-accessible | No | As per MIB |
| mplsFTNPerfCurrIndex  (1.3.6.1.2.1.10.166.8.1.6.1.2) | not-accessible | No | As per MIB |
| mplsFTNPerfMatchedPackets  (1.3.6.1.2.1.10.166.8.1.6.1.3) | read-only | No | As per MIB |
| mplsFTNPerfMatchedOctets  (1.3.6.1.2.1.10.166.8.1.6.1.4) | read-only | No | As per MIB |
| mplsFTNPerfDiscontinuityTime  (1.3.6.1.2.1.10.166.8.1.6.1.5) | read-only | No | As per MIB |

# MPLS-L3VPN-STD-MIB

## mplsL3VpnScalars

**OID: 1.3.6.1.2.1.10.166.11.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnConfiguredVrfs (1.3.6.1.2.1.10.166.11.1.1.1) | read-only | No | As per MIB |
| mplsL3VpnActiveVrfs (1.3.6.1.2.1.10.166.11.1.1.2) | read-only | No | As per MIB |
| mplsL3VpnConnectedInterfaces (1.3.6.1.2.1.10.166.11.1.1.3) | read-only | No | As per MIB |
| mplsL3VpnNotificationEnable (1.3.6.1.2.1.10.166.11.1.1.4) | read-write | No | As per MIB |
| mplsL3VpnVrfConfMaxPossRts (1.3.6.1.2.1.10.166.11.1.1.5) | read-only | No | As per MIB  This object is not supported. The counter always returns a value of 0. |
| mplsL3VpnVrfConfRteMxThrshTime (1.3.6.1.2.1.10.166.11.1.1.6) | read-only | No | As per MIB  This object is not supported. The counter always returns a value of 0. |
| mplsL3VpnIllLblRcvThrsh (1.3.6.1.2.1.10.166.11.1.1.7) | read-write | No | Only support read  This object is not supported. The counter always returns a value of 0. |

## mplsL3VpnIfConfTable

**OID: 1.3.6.1.2.1.10.166.11.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnIfConfIndex(1.3.6.1.2.1.10.166.11.1.2.1.1.1) | not-accessible | No | As per MIB |
| mplsL3VpnIfVpnClassification(1.3.6.1.2.1.10.166.11.1.2.1.1.2) | read-create | No | Only support read |
| mplsL3VpnIfVpnRouteDistProtocol (1.3.6.1.2.1.10.166.11.1.2.1.1.3) | read-create | No | Only support read |
| mplsL3VpnIfConfStorageType (1.3.6.1.2.1.10.166.11.1.2.1.1.4) | read-create | No | Only support read |
| mplsL3VpnIfConfRowStatus (1.3.6.1.2.1.10.166.11.1.2.1.1.5) | read-create | No | As per MIB |

## mplsL3VpnVrfTable

**OID: 1.3.6.1.2.1.10.166.11.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnVrfName (1.3.6.1.2.1.10.166.11.1.2.2.1.1) | not-accessible | No | As per MIB |
| mplsL3VpnVrfVpnId (1.3.6.1.2.1.10.166.11.1.2.2.1.2) | read-create | No | As per MIB |
| mplsL3VpnVrfDescription (1.3.6.1.2.1.10.166.11.1.2.2.1.3) | read-create | No | As per MIB |
| mplsL3VpnVrfRD (1.3.6.1.2.1.10.166.11.1.2.2.1.4) | read-create | No | As per MIB |
| mplsL3VpnVrfCreationTime (1.3.6.1.2.1.10.166.11.1.2.2.1.5) | read-only | No | As per MIB |
| mplsL3VpnVrfOperStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.6) | read-only | No | As per MIB |
| mplsL3VpnVrfActiveInterfaces (1.3.6.1.2.1.10.166.11.1.2.2.1.7) | read-only | No | As per MIB |
| mplsL3VpnVrfAssociatedInterfaces (1.3.6.1.2.1.10.166.11.1.2.2.1.8) | read-only | No | As per MIB |
| mplsL3VpnVrfConfMidRteThresh (1.3.6.1.2.1.10.166.11.1.2.2.1.9) | read-create | No | Only support read |
| mplsL3VpnVrfConfHighRteThresh (1.3.6.1.2.1.10.166.11.1.2.2.1.10) | read-create | No | Only support read |
| mplsL3VpnVrfConfMaxRoutes (1.3.6.1.2.1.10.166.11.1.2.2.1.11) | read-create | No | Only support read |
| mplsL3VpnVrfConfLastChanged (1.3.6.1.2.1.10.166.11.1.2.2.1.12) | read-only | No | As per MIB |
| mplsL3VpnVrfConfRowStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.13) | read-create | No | As per MIB |
| mplsL3VpnVrfConfAdminStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.14) | read-create | No | Only support read |
| mplsL3VpnVrfConfStorageType (1.3.6.1.2.1.10.166.11.1.2.2.1.15) | read-create | No | Only support read. |

## mplsL3VpnVrfRTTable

**OID: 1.3.6.1.2.1.10.166.11.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnVrfRTIndex (1.3.6.1.2.1.10.166.11.1.2.3.1.2) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRTType (1.3.6.1.2.1.10.166.11.1.2.3.1.3) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRT (1.3.6.1.2.1.10.166.11.1.2.3.1.4) | read-create | No | Only support read |
| mplsL3VpnVrfRTDescr (1.3.6.1.2.1.10.166.11.1.2.3.1.5) | read-create | No | Only support read |
| mplsL3VpnVrfRTRowStatus (1.3.6.1.2.1.10.166.11.1.2.3.1.6) | read-create | No | Only support read |
| mplsL3VpnVrfRTStorageType (1.3.6.1.2.1.10.166.11.1.2.3.1.7) | read-create | No | Only support read |

## mplsL3VpnVrfSecTable

**OID: 1.3.6.1.2.1.10.166.11.1.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnVrfSecIllegalLblVltns (1.3.6.1.2.1.10.166.11.1.2.6.1.1) | read-only | No | As per MIB |
| mplsL3VpnVrfSecDiscontinuityTime (1.3.6.1.2.1.10.166.11.1.2.6.1.2) | read-only | No | As per MIB |

## mplsL3VpnVrfPerfTable

**OID: 1.3.6.1.2.1.10.166.11.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnVrfPerfRoutesAdded (1.3.6.1.2.1.10.166.11.1.3.1.1.1) | read-only | No | As per MIB |
| mplsL3VpnVrfPerfRoutesDeleted (1.3.6.1.2.1.10.166.11.1.3.1.1.2) | read-only | No | As per MIB |
| mplsL3VpnVrfPerfCurrNumRoutes (1.3.6.1.2.1.10.166.11.1.3.1.1.3) | read-only | No | As per MIB |
| mplsL3VpnVrfPerfRoutesDropped (1.3.6.1.2.1.10.166.11.1.3.1.1.4) | read-only | No | As per MIB |
| mplsL3VpnVrfPerfDiscTime (1.3.6.1.2.1.10.166.11.1.3.1.1.5) | read-only | No | As per MIB |

## mplsL3VpnVrfRteTable

**OID: 1.3.6.1.2.1.10.166.11.1.4.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsL3VpnVrfRteInetCidrDestType (1.3.6.1.2.1.10.166.11.1.4.1.1.1) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrDest (1.3.6.1.2.1.10.166.11.1.4.1.1.2) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrPfxLen (1.3.6.1.2.1.10.166.11.1.4.1.1.3) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrPolicy (1.3.6.1.2.1.10.166.11.1.4.1.1.4) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrNHopType (1.3.6.1.2.1.10.166.11.1.4.1.1.5) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrNextHop (1.3.6.1.2.1.10.166.11.1.4.1.1.6) | not-accessible | No | As per MIB |
| mplsL3VpnVrfRteInetCidrIfIndex (1.3.6.1.2.1.10.166.11.1.4.1.1.7) | read-create | No | Only support read |
| mplsL3VpnVrfRteInetCidrType (1.3.6.1.2.1.10.166.11.1.4.1.1.8) | read-create | No | Only support read |
| mplsL3VpnVrfRteInetCidrProto (1.3.6.1.2.1.10.166.11.1.4.1.1.9) | read-only | No | As per MIB |
| mplsL3VpnVrfRteInetCidrAge(1.3.6.1.2.1.10.166.11.1.4.1.1.10) | read-only | No | As per MIB |
| mplsL3VpnVrfRteInetCidrNextHopAS (1.3.6.1.2.1.10.166.11.1.4.1.1.11) | read-create | No | Only support read |
| mplsL3VpnVrfRteInetCidrMetric1 (1.3.6.1.2.1.10.166.11.1.4.1.1.12) | read-create | No | Only support read |
| mplsL3VpnVrfRteInetCidrMetric2 (1.3.6.1.2.1.10.166.11.1.4.1.1.13) | read-create | No | Only support read  This object is not used, and the value is set to -1. |
| mplsL3VpnVrfRteInetCidrMetric3 (1.3.6.1.2.1.10.166.11.1.4.1.1.14) | read-create | No | Only support read  This object is not used, and the value is set to -1. |
| mplsL3VpnVrfRteInetCidrMetric4 (1.3.6.1.2.1.10.166.11.1.4.1.1.15) | read-create | No | Only support read  This object is not used, and the value is set to -1. |
| mplsL3VpnVrfRteInetCidrMetric5 (1.3.6.1.2.1.10.166.11.1.4.1.1.16) | read-create | No | Only support read  This object is not used, and the value is set to -1. |
| mplsL3VpnVrfRteXCPointer (1.3.6.1.2.1.10.166.11.1.4.1.1.17) | read-create | No | Only support read  This object is not supported. The counter always returns a value of 00.00.00.00. |
| mplsL3VpnVrfRteInetCidrStatus (1.3.6.1.2.1.10.166.11.1.4.1.1.18) | read-create | No | Only support read |

# MPLS-LDP-STD-MIB

## Scalar objects of mplsLdpLsrObjects

**OID: 1.3.6.1.2.1.10.166.4.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpLsrId (1.3.6.1.2.1.10.166.4.1.1.1) | read-only | Current | As per MIB |
| mplsLdpLsrLoopDetectionCapable (1.3.6.1.2.1.10.166.4.1.1.2) | read-only | Current | The value is always hopCountAndPathVector(5) |

## Scalar objects of mplsLdpEntityObjects

**OID: 1.3.6.1.2.1.10.166.4.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpEntityLastChange (1.3.6.1.2.1.10.166.4.1.2.1) | read-only | No | As per MIB |
| mplsLdpEntityIndexNext (1.3.6.1.2.1.10.166.4.1.2.2) | read-only | Yes | The value is always 0 |

## mplsLdpEntityTable

**OID: 1.3.6.1.2.1.10.166.4.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpEntityLdpId (1.3.6.1.2.1.10.166.4.1.2.3.1.1) | not-accessible | Current | As per MIB |
| mplsLdpEntityIndex (1.3.6.1.2.1.10.166.4.1.2.3.1.2) | not-accessible | No | As per MIB |
| mplsLdpEntityProtocolVersion (1.3.6.1.2.1.10.166.4.1.2.3.1.3) | read-create | Current | Only support read operation.  The value is always 1 |
| mplsLdpEntityAdminStatus (1.3.6.1.2.1.10.166.4.1.2.3.1.4) | read-create | Current | Only support read operation.  The value is always enable(1) |
| mplsLdpEntityOperStatus (1.3.6.1.2.1.10.166.4.1.2.3.1.5) | read-only | Current | Only support enabled(2) and disabled(3) |
| mplsLdpEntityTcpPort (1.3.6.1.2.1.10.166.4.1.2.3.1.6) | read-create | Current | Only support read operation.  The value is always 646 |
| mplsLdpEntityUdpDscPort (1.3.6.1.2.1.10.166.4.1.2.3.1.7) | read-create | Current | Only support read operation.  The value is always 646 |
| mplsLdpEntityMaxPduLength (1.3.6.1.2.1.10.166.4.1.2.3.1.8) | read-create | Current | Only support read operation.  The value is always 4096 |
| mplsLdpEntityKeepAliveHoldTimer (1.3.6.1.2.1.10.166.4.1.2.3.1.9) | read-create | Current | Only support read operation.  The default value is 45.  Range from 15 to 65535 |
| mplsLdpEntityHelloHoldTimer (1.3.6.1.2.1.10.166.4.1.2.3.1.10) | read-create | Current | Only support read operation. |
| mplsLdpEntityInitSessionThreshold (1.3.6.1.2.1.10.166.4.1.2.3.1.11) | read-create | Current | Only support read operation.  The value is always 8 |
| mplsLdpEntityLabelDistMethod (1.3.6.1.2.1.10.166.4.1.2.3.1.12) | read-create | Current | Only support read operation  The value is always downstreamUnsolicited(2) |
| mplsLdpEntityLabelRetentionMode (1.3.6.1.2.1.10.166.4.1.2.3.1.13) | read-create | Current | Only support read operation  The value is always liberal(2) |
| mplsLdpEntityPathVectorLimit (1.3.6.1.2.1.10.166.4.1.2.3.1.14) | read-create | Current | Only support read operation.  The default value is 0.  Range from 0 to 32 |
| mplsLdpEntityHopCountLimit (1.3.6.1.2.1.10.166.4.1.2.3.1.15) | read-create | Current | Only support read operation.  The default value is 0  Range from 0 to 32 |
| mplsLdpEntityTransportAddrKind (1.3.6.1.2.1.10.166.4.1.2.3.1.16) | read-create | Current | Only support read operation.  The default value is loopback(2) |
| mplsLdpEntityTargetPeer (1.3.6.1.2.1.10.166.4.1.2.3.1.17) | read-create | Current | Only support read operation.  The default value is false |
| mplsLdpEntityTargetPeerAddrType (1.3.6.1.2.1.10.166.4.1.2.3.1.18) | read-create | Current | Only support read operation.  The value is always IPV4 |
| mplsLdpEntityTargetPeerAddr (1.3.6.1.2.1.10.166.4.1.2.3.1.19) | read-create | Current | Only support read operation |
| mplsLdpEntityLabelType (1.3.6.1.2.1.10.166.4.1.2.3.1.20) | read-create | Current | Only support read operation  The value is always generic(1) |
| mplsLdpEntityDiscontinuityTime (1.3.6.1.2.1.10.166.4.1.2.3.1.21) | read-only | No | As per MIB |
| mplsLdpEntityStorageType (1.3.6.1.2.1.10.166.4.1.2.3.1.22) | read-create | Current | Only support read operation.  The value is always nonVolatile(3) |
| mplsLdpEntityRowStatus (1.3.6.1.2.1.10.166.4.1.2.3.1.23) | read-create | Current | Only support read operation  Only support active(1) |

## mplsLdpEntityStatsTable

**OID: 1.3.6.1.2.1.10.166.4.1.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpEntityStatsSessionAttempts (1.3.6.1.2.1.10.166.4.1.2.4.1.1) | read-only | No | As per MIB |
| mplsLdpEntityStatsSessionRejectedNoHelloErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.2) | read-only | No | As per MIB |
| mplsLdpEntityStatsSessionRejectedAdErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.3) | read-only | No | As per MIB |
| mplsLdpEntityStatsSessionRejectedMaxPduErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.4) | read-only | No | As per MIB |
| mplsLdpEntityStatsSessionRejectedLRErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.5) | read-only | No | As per MIB |
| mplsLdpEntityStatsBadLdpIdentifierErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.6) | read-only | No | As per MIB |
| mplsLdpEntityStatsBadPduLengthErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.7) | read-only | No | As per MIB |
| mplsLdpEntityStatsBadMessageLengthErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.8) | read-only | No | As per MIB |
| mplsLdpEntityStatsBadTlvLengthErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.9) | read-only | No | As per MIB |
| mplsLdpEntityStatsMalformedTlvValueErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.10) | read-only | No | As per MIB |
| mplsLdpEntityStatsKeepAliveTimerExpErrors (1.3.6.1.2.1.10.166.4.1.2.4.1.11) | read-only | No | As per MIB |
| mplsLdpEntityStatsShutdownReceivedNotifications (1.3.6.1.2.1.10.166.4.1.2.4.1.12) | read-only | No | As per MIB |
| mplsLdpEntityStatsShutdownSentNotifications (1.3.6.1.2.1.10.166.4.1.2.4.1.13) | read-only | No | As per MIB |

## Scalar objects of mplsLdpSessionObjects

**OID: 1.3.6.1.2.1.10.166.4.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpPeerLastChange (1.3.6.1.2.1.10.166.4.1.3.1) | read-only | No | As per MIB |

## mplsLdpPeerTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpPeerLdpId (1.3.6.1.2.1.10.166.4.1.3.2.1.1) | not-accessible | Current | As per MIB |
| mplsLdpPeerLabelDistMethod (1.3.6.1.2.1.10.166.4.1.3.2.1.2) | read-only | Current | As per MIB |
| mplsLdpPeerPathVectorLimit (1.3.6.1.2.1.10.166.4.1.3.2.1.3) | read-only | Current | As per MIB |
| mplsLdpPeerTransportAddrType (1.3.6.1.2.1.10.166.4.1.3.2.1.4) | read-only | Current | The value is always IPV4 |
| mplsLdpPeerTransportAddr (1.3.6.1.2.1.10.166.4.1.3.2.1.5) | read-only | Current | As per MIB |

## mplsLdpSessionTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpSessionStateLastChange (1.3.6.1.2.1.10.166.4.1.3.3.1.1) | read-only | No | As per MIB |
| mplsLdpSessionState (1.3.6.1.2.1.10.166.4.1.3.3.1.2) | read-only | Current | As per MIB |
| mplsLdpSessionRole (1.3.6.1.2.1.10.166.4.1.3.3.1.3) | read-only | Current | As per MIB |
| mplsLdpSessionProtocolVersion (1.3.6.1.2.1.10.166.4.1.3.3.1.4) | read-only | Current | As per MIB |
| mplsLdpSessionKeepAliveHoldTimeRem (1.3.6.1.2.1.10.166.4.1.3.3.1.5) | read-only | No | As per MIB |
| mplsLdpSessionKeepAliveTime (1.3.6.1.2.1.10.166.4.1.3.3.1.6) | read-only | Current | As per MIB |
| mplsLdpSessionMaxPduLength (1.3.6.1.2.1.10.166.4.1.3.3.1.7) | read-only | Current | As per MIB |
| mplsLdpSessionDiscontinuityTime (1.3.6.1.2.1.10.166.4.1.3.3.1.8) | read-only | No | As per MIB |

## mplsLdpSessionStatsTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpSessionStatsUnknownMesTypeErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.1) | read-only | No | As per MIB |
| mplsLdpSessionStatsUnknownTlvErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.2) | read-only | No | As per MIB |

## mplsLdpHelloAdjacencyTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.5.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpHelloAdjacencyIndex (1.3.6.1.2.1.10.166.4.1.3.5.1.1.1) | not-accessible | No | As per MIB |
| mplsLdpHelloAdjacencyHoldTimeRem (1.3.6.1.2.1.10.166.4.1.3.5.1.1.2) | read-only | No | As per MIB |
| mplsLdpHelloAdjacencyHoldTime (1.3.6.1.2.1.10.166.4.1.3.5.1.1.3) | read-only | Current | As per MIB |
| mplsLdpHelloAdjacencyType (1.3.6.1.2.1.10.166.4.1.3.5.1.1.4) | read-only | Current | As per MIB |

## Scalar objects of mplsFecObjects

**OID: 1.3.6.1.2.1.10.166.4.1.3.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFecLastChange (1.3.6.1.2.1.10.166.4.1.3.8.1) | read-only | Current | Not supported |
| mplsFecIndexNext (1.3.6.1.2.1.10.166.4.1.3.8.2) | read-only | Yes | The value is always 0 |

## mplsFecTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.8.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsFecIndex (1.3.6.1.2.1.10.166.4.1.3.8.3.1.1) | not-accessible | No | As per MIB |
| MplsFecType  (1.3.6.1.2.1.10.166.4.1.3.8.3.1.2) | read-create | No | Only support read operation. |
| mplsFecAddrPrefixLength (1.3.6.1.2.1.10.166.4.1.3.8.3.1.3) | read-create | No | Only support read operation. |
| mplsFecAddrType (1.3.6.1.2.1.10.166.4.1.3.8.3.1.4) | read-create | No | Only support read operation.  The value is always IPV4 |
| mplsFecAddr (1.3.6.1.2.1.10.166.4.1.3.8.3.1.5) | read-create | No | Only support read operation. |
| mplsFecStorageType (1.3.6.1.2.1.10.166.4.1.3.8.3.1.6) | read-create | No | Only support read operation.  The value is always volatile(2) |
| mplsFecRowStatus (1.3.6.1.2.1.10.166.4.1.3.8.3.1.7) | read-create | No | Only support read operation.  Only support active(1) |

## mplsLdpSessionPeerAddrTable

**OID: 1.3.6.1.2.1.10.166.4.1.3.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsLdpSessionPeerAddrIndex (1.3.6.1.2.1.10.166.4.1.3.11.1.1) | not-accessible | No | As per MIB |
| mplsLdpSessionPeerNextHopAddrType (1.3.6.1.2.1.10.166.4.1.3.11.1.2) | read-only | Current | The value is always IPV4 |
| mplsLdpSessionPeerNextHopAddr (1.3.6.1.2.1.10.166.4.1.3.11.1.3) | read-only | Current | As per MIB |

# MPLS-LSR-STD-MIB

MPLS-LSR-STD-MIB contains managed object definitions for the Multiprotocol Label Switching (MPLS) Router as defined in RFC 3031.

## scalar objects of mplsLsrObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInSegmentIndexNext (1.3.6.1.2.1.10.166.2.1.3) | read-only | No | As per MIB |
| mplsOutSegmentIndexNext (1.3.6.1.2.1.10.166.2.1.6) | read-only | No | As per MIB |
| mplsXCIndexNext (1.3.6.1.2.1.10.166.2.1.9) | read-only | No | As per MIB |
| mplsMaxLabelStackDepth (1.3.6.1.2.1.10.166.2.1.11) | read-only | Yes | As per MIB |
| mplsLabelStackIndexNext (1.3.6.1.2.1.10.166.2.1.12) | read-only | Yes | Not supported |
| mplsXCNotificationsEnable (1.3.6.1.2.1.10.166.2.1.15) | read-write | Current | As per MIB |

## mplsInterfaceTable

**OID: 1.3.6.1.2.1.10.166.2.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInterfaceIndex (1.3.6.1.2.1.10.166.2.1.1.1.1) | not-accessible | No | As per MIB |
| mplsInterfaceLabelMinIn (1.3.6.1.2.1.10.166.2.1.1.1.2) | read-only | Current | As per MIB |
| mplsInterfaceLabelMaxIn (1.3.6.1.2.1.10.166.2.1.1.1.3) | read-only | Current | As per MIB |
| mplsInterfaceLabelMinOut (1.3.6.1.2.1.10.166.2.1.1.1.4) | read-only | Current | As per MIB |
| mplsInterfaceLabelMaxOut (1.3.6.1.2.1.10.166.2.1.1.1.5) | read-only | Current | As per MIB |
| mplsInterfaceTotalBandwidth (1.3.6.1.2.1.10.166.2.1.1.1.6) | read-only | Current | As per MIB  Only suitable for TE |
| mplsInterfaceAvailableBandwidth (1.3.6.1.2.1.10.166.2.1.1.1.7) | read-only | Current | As per MIB  Only suitable for TE |
| mplsInterfaceLabelParticipationType (1.3.6.1.2.1.10.166.2.1.1.1.8) | read-only | Current | The value is always 0, which means perPlatform. |

## mplsInterfacePerfTable

**OID: 1.3.6.1.2.1.10.166.2.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInterfacePerfInLabelsInUse (1.3.6.1.2.1.10.166.2.1.2.1.1) | read-only | No | As per MIB |
| mplsInterfacePerfInLabelLookupFailures (1.3.6.1.2.1.10.166.2.1.2.1.2) | read-only | No | As per MIB |
| mplsInterfacePerfOutLabelsInUse (1.3.6.1.2.1.10.166.2.1.2.1.3) | read-only | No | As per MIB |
| mplsInterfacePerfOutFragmentedPkts (1.3.6.1.2.1.10.166.2.1.2.1.4) | read-only | No | As per MIB |

## mplsInSegmentTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously:

mplsInSegmentLabel, mplsInSegmentRowStatus.

**OID: 1.3.6.1.2.1.10.166.2.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInSegmentIndex (1.3.6.1.2.1.10.166.2.1.4.1.1) | not-accessible | No | A 5-byte octet string. The first byte is type, the other 4 bytes containing the in-label for type 1 or the position ID for type 0 |
| mplsInSegmentInterface (1.3.6.1.2.1.10.166.2.1.4.1.2) | read-create | No | Only support read operation |
| mplsInSegmentLabel (1.3.6.1.2.1.10.166.2.1.4.1.3) | read-create | No | For set operation, the value of this object is from 16 to maximum static label supported by the product |
| mplsInSegmentLabelPtr (1.3.6.1.2.1.10.166.2.1.4.1.4) | read-create | No | Only support read operation |
| mplsInSegmentNPop (1.3.6.1.2.1.10.166.2.1.4.1.5) | read-create | No | Only support read operation |
| mplsInSegmentAddrFamily (1.3.6.1.2.1.10.166.2.1.4.1.6) | read-create | No | Only support read operation |
| mplsInSegmentXCIndex (1.3.6.1.2.1.10.166.2.1.4.1.7) | read-only | No | As per MIB |
| mplsInSegmentOwner (1.3.6.1.2.1.10.166.2.1.4.1.8) | read-only | No | As per MIB |
| mplsInSegmentTrafficParamPtr (1.3.6.1.2.1.10.166.2.1.4.1.9) | read-create | No | Only support read operation  Only suitable for TE |
| mplsInSegmentRowStatus (1.3.6.1.2.1.10.166.2.1.4.1.10) | read-create | No | Only support active(1), createAndGo(4) and destroy(6) |
| mplsInSegmentStorageType (1.3.6.1.2.1.10.166.2.1.4.1.11) | read-create | No | Only support read operation |

## mplsInSegmentPerfTable

**OID: 1.3.6.1.2.1.10.166.2.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInSegmentPerfOctets (1.3.6.1.2.1.10.166.2.1.5.1.1) | read-only | No | As per MIB |
| mplsInSegmentPerfPackets (1.3.6.1.2.1.10.166.2.1.5.1.2) | read-only | No | As per MIB |
| mplsInSegmentPerfErrors (1.3.6.1.2.1.10.166.2.1.5.1.3) | read-only | No | As per MIB |
| mplsInSegmentPerfDiscards (1.3.6.1.2.1.10.166.2.1.5.1.4) | read-only | No | As per MIB |
| mplsInSegmentPerfHCOctets (1.3.6.1.2.1.10.166.2.1.5.1.5) | read-only | No | As per MIB |
| mplsInSegmentPerfDiscontinuityTime (1.3.6.1.2.1.10.166.2.1.5.1.6) | read-only | No | As per MIB |

## mplsOutSegmentTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously:

mplsOutSegmentInterface, mplsOutSegmentLabel, mplsOutSegmentNextHopAddr, mplsOutSegmentRowStatus.

**OID: 1.3.6.1.2.1.10.166.2.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsOutSegmentIndex (1.3.6.1.2.1.10.166.2.1.7.1.1) | not-accessible | No | The description of this index is identical to that of the mplsXCIndex. |
| mplsOutSegmentInterface (1.3.6.1.2.1.10.166.2.1.7.1.2) | read-create | No | As per MIB |
| mplsOutSegmentPushTopLabel (1.3.6.1.2.1.10.166.2.1.7.1.3) | read-create | No | Only support read operation |
| mplsOutSegmentTopLabel (1.3.6.1.2.1.10.166.2.1.7.1.4) | read-create | No | For set operation, the value of this object is 0,3,and range from 16 to maximum static label confirmed by products |
| mplsOutSegmentTopLabelPtr (1.3.6.1.2.1.10.166.2.1.7.1.5) | read-create | No | Only support read operation |
| mplsOutSegmentNextHopAddrType (1.3.6.1.2.1.10.166.2.1.7.1.6) | read-create | No | Only support read operation |
| mplsOutSegmentNextHopAddr (1.3.6.1.2.1.10.166.2.1.7.1.7) | read-create | No | As per MIB |
| mplsOutSegmentXCIndex (1.3.6.1.2.1.10.166.2.1.7.1.8) | read-only | No | As per MIB |
| mplsOutSegmentOwner (1.3.6.1.2.1.10.166.2.1.7.1.9) | read-only | No | As per MIB |
| mplsOutSegmentTrafficParamPtr (1.3.6.1.2.1.10.166.2.1.7.1.10) | read-create | No | Only support read operation  Only suitable for TE |
| mplsOutSegmentRowStatus (1.3.6.1.2.1.10.166.2.1.7.1.11) | read-create | No | Only support active(1), createAndGo(4) and destroy(6) |
| mplsOutSegmentStorageType (1.3.6.1.2.1.10.166.2.1.7.1.12) | read-create | No | Only support read operation |

## mplsOutSegmentPerfTable

**OID: 1.3.6.1.2.1.10.166.2.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsOutSegmentPerfOctets (1.3.6.1.2.1.10.166.2.1.8.1.1) | read-only | No | As per MIB |
| mplsOutSegmentPerfPackets (1.3.6.1.2.1.10.166.2.1.8.1.2) | read-only | No | As per MIB |
| mplsOutSegmentPerfErrors (1.3.6.1.2.1.10.166.2.1.8.1.3) | read-only | No | As per MIB |
| mplsOutSegmentPerfDiscards (1.3.6.1.2.1.10.166.2.1.8.1.4) | read-only | No | As per MIB |
| mplsOutSegmentPerfHCOctets (1.3.6.1.2.1.10.166.2.1.8.1.5) | read-only | No | As per MIB |
| mplsOutSegmentPerfDiscontinuityTime (1.3.6.1.2.1.10.166.2.1.8.1.6) | read-only | No | As per MIB |

## mplsXCTable

**OID: 1.3.6.1.2.1.10.166.2.1.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsXCIndex (1.3.6.1.2.1.10.166.2.1.10.1.1) | not-accessible | No | A variable-length octet string, the size of which depends on the first byte. The first byte is type. See Notes following this table |
| mplsXCInSegmentIndex (1.3.6.1.2.1.10.166.2.1.10.1.2) | not-accessible | No | As per MIB |
| mplsXCOutSegmentIndex (1.3.6.1.2.1.10.166.2.1.10.1.3) | not-accessible | No | Be identical to mplsXCIndex |
| mplsXCLspId (1.3.6.1.2.1.10.166.2.1.10.1.4) | read-create | No | Only support read operation |
| mplsXCLabelStackIndex (1.3.6.1.2.1.10.166.2.1.10.1.5) | read-create | No | Not supported |
| mplsXCOwner (1.3.6.1.2.1.10.166.2.1.10.1.6) | read-only | No | As per MIB |
| mplsXCRowStatus (1.3.6.1.2.1.10.166.2.1.10.1.7) | read-create | No | Only support active(1), createAndGo(4) and destroy(6). |
| mplsXCStorageType (1.3.6.1.2.1.10.166.2.1.10.1.8) | read-create | No | Only support read operation |
| mplsXCAdminStatus (1.3.6.1.2.1.10.166.2.1.10.1.9) | read-create | No | Only support read operation |
| mplsXCOperStatus (1.3.6.1.2.1.10.166.2.1.10.1.10) | read-only | No | As per MIB |

Notes: mplsXCIndex structure:

.

Detailed information is shown below:



## mplsLabelStackTable

Not supported.

## mplsInSegmentMapTable

**OID: 1.3.6.1.2.1.10.166.2.1.14**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsInSegmentMapInterface (1.3.6.1.2.1.10.166.2.1.14.1.1) | not-accessible | No | As per MIB |
| mplsInSegmentMapLabel (1.3.6.1.2.1.10.166.2.1.14.1.2) | not-accessible | No | As per MIB |
| mplsInSegmentMapLabelPtrIndex (1.3.6.1.2.1.10.166.2.1.14.1.3) | not-accessible | No | As per MIB |
| mplsInSegmentMapIndex (1.3.6.1.2.1.10.166.2.1.14.1.4) | read-only | No | As per MIB |

# MPLS-TE-STD-MIB

## mplsTeScalars

**OID: 1.3.6.1.2.1.10.166.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelConfigured (1.3.6.1.2.1.10.166.3.1.1) | read-only | Current | As per MIB |
| mplsTunnelActive (1.3.6.1.2.1.10.166.3.1.2) | read-only | current | As per MIB |
| mplsTunnelTEDistProto (1.3.6.1.2.1.10.166.3.1.3) | read-only | Current | As per MIB |
| mplsTunnelMaxHops (1.3.6.1.2.1.10.166.3.1.4) | read-only | Current | The value is always 255 |
| mplsTunnelNotificationMaxRate (1.3.6.1.2.1.10.166.3.1.5) | read-write | Current | Not supported. The value is always 0 |

## mplsTunnelIndexNext

**OID: 1.3.6.1.2.1.10.166.3.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelIndexNext (1.3.6.1.2.1.10.166.3.2.1) | read-only | Current | As per MIB |

## mplsTunnelTable

**OID: 1.3.6.1.2.1.10.166.3.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelIndex (1.3.6.1.2.1.10.166.3.2.2.1.1) | not-accessible | No | As per MIB |
| mplsTunnelInstance (1.3.6.1.2.1.10.166.3.2.2.1.2) | not-accessible | No | As per MIB |
| mplsTunnelIngressLSRId (1.3.6.1.2.1.10.166.3.2.2.1.3) | not-accessible | No | As per MIB |
| mplsTunnelEgressLSRId (1.3.6.1.2.1.10.166.3.2.2.1.4) | not-accessible | No | As per MIB |
| mplsTunnelName (1.3.6.1.2.1.10.166.3.2.2.1.5) | read-create | Current | As per MIB |
| mplsTunnelDescr (1.3.6.1.2.1.10.166.3.2.2.1.6) | read-create | Current | As per MIB |
| mplsTunnelIsIf (1.3.6.1.2.1.10.166.3.2.2.1.7) | read-create | Current | As per MIB |
| mplsTunnelIfIndex (1.3.6.1.2.1.10.166.3.2.2.1.8) | read-only | Current | As per MIB |
| mplsTunnelOwner (1.3.6.1.2.1.10.166.3.2.2.1.9) | read-only | Current | As per MIB |
| mplsTunnelRole (1.3.6.1.2.1.10.166.3.2.2.1.10) | read-create | Current | The value of set operation is head(1). |
| mplsTunnelXCPointer (1.3.6.1.2.1.10.166.3.2.2.1.11) | read-create | Current | As per MIB |
| mplsTunnelSignallingProto (1.3.6.1.2.1.10.166.3.2.2.1.12) | read-create | Current | Only support rsvp(2), other(4) |
| mplsTunnelSetupPrio (1.3.6.1.2.1.10.166.3.2.2.1.13) | read-create | Current | As per MIB |
| mplsTunnelHoldingPrio (1.3.6.1.2.1.10.166.3.2.2.1.14) | read-create | Current | As per MIB |
| mplsTunnelSessionAttributes (1.3.6.1.2.1.10.166.3.2.2.1.15) | read-create | Current | Only support fastReroute(0),isPersistent(2),isPinned(3),recordRoute(4) |
| mplsTunnelLocalProtectInUse (1.3.6.1.2.1.10.166.3.2.2.1.16) | read-create | Current | As per MIB |
| mplsTunnelResourcePointer (1.3.6.1.2.1.10.166.3.2.2.1.17) | read-create | No | Only support read operation |
| mplsTunnelPrimaryInstance (1.3.6.1.2.1.10.166.3.2.2.1.18) | read-only | Current | As per MIB |
| mplsTunnelInstancePriority (1.3.6.1.2.1.10.166.3.2.2.1.19) | read-creaet | Current | Not supported. The value is always 1. |
| mplsTunnelHopTableIndex (1.3.6.1.2.1.10.166.3.2.2.1.20) | read-create | Current | Only support read operation |
| mplsTunnelPathInUse (1.3.6.1.2.1.10.166.3.2.2.1.21) | read-create | Current | Only support read operation |
| mplsTunnelARHopTableIndex (1.3.6.1.2.1.10.166.3.2.2.1.22) | read-only | No | As per MIB |
| mplsTunnelCHopTableIndex (1.3.6.1.2.1.10.166.3.2.2.1.23) | read-only | No | As per MIB |
| mplsTunnelIncludeAnyAffinity (1.3.6.1.2.1.10.166.3.2.2.1.24) | read-create | Current | As per MIB |
| mplsTunnelIncludeAllAffinity (1.3.6.1.2.1.10.166.3.2.2.1.25) | read-create | Current | The value is always 0. The variable value of set operation is ignored. |
| mplsTunnelExcludeAnyAffinity (1.3.6.1.2.1.10.166.3.2.2.1.26) | read-create | Current | As per MIB |
| mplsTunnelTotalUpTime (1.3.6.1.2.1.10.166.3.2.2.1.27) | read-only | No | As per MIB |
| mplsTunnelInstanceUpTime (1.3.6.1.2.1.10.166.3.2.2.1.28) | read-only | No | As per MIB |
| mplsTunnelPrimaryUpTime (1.3.6.1.2.1.10.166.3.2.2.1.29) | read-only | No | As per MIB |
| mplsTunnelPathChanges (1.3.6.1.2.1.10.166.3.2.2.1.30) | read-only | No | As per MIB |
| mplsTunnelLastPathChange (1.3.6.1.2.1.10.166.3.2.2.1.31) | read-only | No | As per MIB |
| mplsTunnelCreationTime (1.3.6.1.2.1.10.166.3.2.2.1.32) | read-only | No | As per MIB |
| mplsTunnelStateTransitions (1.3.6.1.2.1.10.166.3.2.2.1.33) | read-only | No | As per MIB |
| mplsTunnelAdminStatus (1.3.6.1.2.1.10.166.3.2.2.1.34) | read-create | Current | Only support read operation, Only support up(1) |
| mplsTunnelOperStatus (1.3.6.1.2.1.10.166.3.2.2.1.35) | read-only | Current | Only support up(1),  down(2) |
| mplsTunnelRowStatus (1.3.6.1.2.1.10.166.3.2.2.1.36) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| mplsTunnelStorageType (1.3.6.1.2.1.10.166.3.2.2.1.37) | read-create | Current | Not supported. The value is always nonvolatile(3). |

## mplsTunnelHopListIndexNext

**OID: 1.3.6.1.2.1.10.166.3.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelHopListIndexNext (1.3.6.1.2.1.10.166.3.2.3) | read-only | Current | As per MIB |

## mplsTunnelHopTable

**OID: 1.3.6.1.2.1.10.166.3.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelHopListIndex (1.3.6.1.2.1.10.166.3.2.4.1.1) | not-accessible | No | As per MIB |
| mplsTunnelHopPathOptionIndex (1.3.6.1.2.1.10.166.3.2.4.1.2) | not-accessible | No | As per MIB |
| mplsTunnelHopIndex (1.3.6.1.2.1.10.166.3.2.4.1.3) | not-accessible | No | As per MIB |
| mplsTunnelHopAddrType (1.3.6.1.2.1.10.166.3.2.4.1.4) | read-create | Current | Only support ipv4(1) |
| mplsTunnelHopIpAddr (1.3.6.1.2.1.10.166.3.2.4.1.5) | read-create | Current | As per MIB |
| mplsTunnelHopIpPrefixLen (1.3.6.1.2.1.10.166.3.2.4.1.6) | read-create | Current | As per MIB |
| mplsTunnelHopAsNumber (1.3.6.1.2.1.10.166.3.2.4.1.7) | read-create | Current | Not supported. |
| mplsTunnelHopAddrUnnum (1.3.6.1.2.1.10.166.3.2.4.1.8) | read-create | Current | Not supported. |
| mplsTunnelHopLspId (1.3.6.1.2.1.10.166.3.2.4.1.9) | read-create | Current | Not supported. |
| mplsTunnelHopType (1.3.6.1.2.1.10.166.3.2.4.1.10) | read-create | Current | As per MIB |
| mplsTunnelHopInclude (1.3.6.1.2.1.10.166.3.2.4.1.11) | read-create | Current | As per MIB |
| mplsTunnelHopPathOptionName (1.3.6.1.2.1.10.166.3.2.4.1.12) | read-create | Current | As per MIB |
| mplsTunnelHopEntryPathComp (1.3.6.1.2.1.10.166.3.2.4.1.13) | read-create | Current | As per MIB |
| mplsTunnelHopRowStatus (1.3.6.1.2.1.10.166.3.2.4.1.14) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| mplsTunnelHopStorageType (1.3.6.1.2.1.10.166.3.2.4.1.15) | read-create | Current | Not supported. The value is always nonvolatile(3) |

## mplsTunnelResourceIndexNext

**OID: 1.3.6.1.2.1.10.166.3.2.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelResourceIndexNext (1.3.6.1.2.1.10.166.3.2.5) | read-only | No | As per MIB |

## mplsTunnelResourceTable

**OID: 1.3.6.1.2.1.10.166.3.2.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelResourceIndex (1.3.6.1.2.1.10.166.3.2.6.1.1) | not-accessible | No | As per MIB |
| mplsTunnelResourceMaxRate (1.3.6.1.2.1.10.166.3.2.6.1.2) | read-create | Current | Only support read operation |
| mplsTunnelResourceMeanRate (1.3.6.1.2.1.10.166.3.2.6.1.3) | read-create | Current | As per MIB |
| mplsTunnelResourceMaxBurstSize (1.3.6.1.2.1.10.166.3.2.6.1.4) | read-create | Current | Only support read operation |
| mplsTunnelResourceMeanBurstSize (1.3.6.1.2.1.10.166.3.2.6.1.5) | read-create | Current | Only support read operation |
| mplsTunnelResourceExBurstSize (1.3.6.1.2.1.10.166.3.2.6.1.6) | read-create | Current | Only support read operation |
| mplsTunnelResourceFrequency (1.3.6.1.2.1.10.166.3.2.6.1.7) | read-create | Current | Not supported. |
| mplsTunnelResourceWeight (1.3.6.1.2.1.10.166.3.2.6.1.8) | read-create | Current | Not supported. |
| mplsTunnelResourceRowStatus (1.3.6.1.2.1.10.166.3.2.6.1.9) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| mplsTunnelResourceStorageType (1.3.6.1.2.1.10.166.3.2.6.1.10) | read-create | Current | Not supported. The value is always 3 |

## mplsTunnelARHopTable

**OID: 1.3.6.1.2.1.10.166.3.2.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelARHopListIndex (1.3.6.1.2.1.10.166.3.2.7.1.1) | not-accessible | No | As per MIB |
| mplsTunnelARHopIndex (1.3.6.1.2.1.10.166.3.2.7.1.2) | not-accessible | No | As per MIB |
| mplsTunnelARHopAddrType (1.3.6.1.2.1.10.166.3.2.7.1.3) | read-only | Current | Only support ipv4(1) |
| mplsTunnelARHopIpAddr (1.3.6.1.2.1.10.166.3.2.7.1.4) | read-only | Current | As per MIB |
| mplsTunnelARHopAddrUnnum (1.3.6.1.2.1.10.166.3.2.7.1.5) | read-only | Current | Not supported |
| mplsTunnelARHopLspId (1.3.6.1.2.1.10.166.3.2.7.1.6) | read-only | Current | Not supported |

## mplsTunnelCHopTable

**OID: 1.3.6.1.2.1.10.166.3.2.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelCHopListIndex (1.3.6.1.2.1.10.166.3.2.8.1.1) | not-accessible | No | As per MIB |
| mplsTunnelCHopIndex (1.3.6.1.2.1.10.166.3.2.8.1.2) | not-accessible | No | As per MIB |
| mplsTunnelCHopAddrType (1.3.6.1.2.1.10.166.3.2.8.1.3) | read-only | Current | Only support ipv4(1) |
| mplsTunnelCHopIpAddr (1.3.6.1.2.1.10.166.3.2.8.1.4) | read-only | Current | As per MIB |
| mplsTunnelCHopIpPrefixLen (1.3.6.1.2.1.10.166.3.2.8.1.5) | read-only | Current | As per MIB |
| mplsTunnelCHopAsNumber (1.3.6.1.2.1.10.166.3.2.8.1.6) | read-only | Current | Not supported |
| mplsTunnelCHopAddrUnnum (1.3.6.1.2.1.10.166.3.2.8.1.7) | read-only | Current | Not supported |
| mplsTunnelCHopLspId (1.3.6.1.2.1.10.166.3.2.8.1.8) | read-only | Current | Not supported |
| mplsTunnelCHopType (1.3.6.1.2.1.10.166.3.2.8.1.9) | read-only | Current | As per MIB |

## mplsTunnelPerfTable

**OID: 1.3.6.1.2.1.10.166.3.2.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelPerfPackets (1.3.6.1.2.1.10.166.3.2.9.1.1) | read-only | No | As per MIB |
| mplsTunnelPerfHCPackets (1.3.6.1.2.1.10.166.3.2.9.1.2) | read-only | No | As per MIB |
| mplsTunnelPerfErrors (1.3.6.1.2.1.10.166.3.2.9.1.3) | read-only | No | As per MIB |
| mplsTunnelPerfBytes (1.3.6.1.2.1.10.166.3.2.9.1.4) | read-only | No | As per MIB |
| mplsTunnelPerfHCBytes (1.3.6.1.2.1.10.166.3.2.9.1.5) | read-only | No | As per MIB |

## mplsTunnelCRLDPResTable

Not supported.

## mplsTunnelNotificationEnable

**OID: 1.3.6.1.2.1.10.166.3.2.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| mplsTunnelNotificationEnable (1.3.6.1.2.1.10.166.3.2.11) | read-write | Current | As per MIB |

# OSPF-MIB

## ospfGeneralGroup

**OID: 1.3.6.1.2.1.14.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfRouterId (1.3.6.1.2.1.14.1.1) | read-write | Current | Only support read operation |
| ospfAdminStat (1.3.6.1.2.1.14.1.2) | read-write | No | Only support read operation |
| ospfVersionNumber (1.3.6.1.2.1.14.1.3) | read-only | Yes | As per MIB |
| ospfAreaBdrRtrStatus (1.3.6.1.2.1.14.1.4) | read-only | No | As per MIB |
| ospfASBdrRtrStatus (1.3.6.1.2.1.14.1.5) | read-write | No | Only support read operation |
| ospfExternLsaCount (1.3.6.1.2.1.14.1.6) | read-only | No | As per MIB |
| ospfExternLsaCksumSum (1.3.6.1.2.1.14.1.7) | read-only | No | As per MIB |
| ospfTOSSupport (1.3.6.1.2.1.14.1.8) | read-write | Yes | Only support read operation |
| ospfOriginateNewLsas (1.3.6.1.2.1.14.1.9) | read-only | No | As per MIB |
| ospfRxNewLsas (1.3.6.1.2.1.14.1.10) | read-only | No | As per MIB |
| ospfExtLsdbLimit (1.3.6.1.2.1.14.1.11) | read-write | Current | The value range is -1 and from 1 to 1000000 |
| ospfMulticastExtensions (1.3.6.1.2.1.14.1.12) | read-write | Yes | Only support read operation |
| ospfExitOverflowInterval (1.3.6.1.2.1.14.1.13) | read-write | Current | As per MIB |
| ospfDemandExtensions (1.3.6.1.2.1.14.1.14) | read-write | Yes | Only support read operation |
| ospfRFC1583Compatibility  (1.3.6.1.2.1.14.1.15) | read-write | Current | As per MIB |
| ospfOpaqueLsaSupport  (1.3.6.1.2.1.14.1.16) | read-only | Yes | As per MIB |
| ospfReferenceBandwidth  (1.3.6.1.2.1.14.1.17) | read-write | Current | The portion less than 1000 of the whole value will be ignored. |
| ospfRestartSupport  (1.3.6.1.2.1.14.1.18) | read-write | Current | If value changes from 1 to 2 or 3, IETF GR is supported; if value changes between 2 and 3, the original GR type is not changed. |
| ospfRestartInterval  (1.3.6.1.2.1.14.1.19) | read-write | Current | As per MIB |
| ospfRestartStrictLsaChecking  (1.3.6.1.2.1.14.1.20) | read-write | Current | As per MIB |
| ospfRestartStatus  (1.3.6.1.2.1.14.1.21) | read-only | No | As per MIB |
| ospfRestartAge  (1.3.6.1.2.1.14.1.22) | read-only | No | As per MIB |
| ospfRestartExitReason  (1.3.6.1.2.1.14.1.23) | read-only | No | As per MIB |
| ospfAsLsaCount  (1.3.6.1.2.1.14.1.24) | read-only | No | As per MIB |
| ospfAsLsaCksumSum  (1.3.6.1.2.1.14.1.25) | read-only | No | As per MIB |
| ospfStubRouterSupport  (1.3.6.1.2.1.14.1.26) | read-only | Yes | As per MIB |
| ospfStubRouterAdvertisement(1.3.6.1.2.1.14.1.27) | read-write | Current | As per MIB |
| ospfDiscontinuityTime  (1.3.6.1.2.1.14.1.28) | read-only | No | As per MIB |

## ospfAreaTable

**OID: 1.3.6.1.2.1.14.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfAreaId (1.3.6.1.2.1.14.2.1.1) | read-only | Current | As per MIB |
| ospfAuthType (1.3.6.1.2.1.14.2.1.2) | read-create | Current | Only support read operation |
| ospfImportAsExtern (1.3.6.1.2.1.14.2.1.3) | read-create | Current | Only support read operation |
| ospfSpfRuns (1.3.6.1.2.1.14.2.1.4) | read-only | No | As per MIB |
| ospfAreaBdrRtrCount (1.3.6.1.2.1.14.2.1.5) | read-only | No | As per MIB |
| ospfAsBdrRtrCount (1.3.6.1.2.1.14.2.1.6) | read-only | No | As per MIB |
| ospfAreaLsaCount (1.3.6.1.2.1.14.2.1.7) | read-only | No | As per MIB |
| ospfAreaLsaCksumSum (1.3.6.1.2.1.14.2.1.8) | read-only | No | As per MIB |
| ospfAreaSummary (1.3.6.1.2.1.14.2.1.9) | read-create | Current | Only support read and write operation |
| ospfAreaStatus (1.3.6.1.2.1.14.2.1.10) | read-create | No | Only support read operation |
| ospfAreaNssaTranslatorRole  (1.3.6.1.2.1.14.2.1.11) | read-create | Current | Only support read and write operation |
| ospfAreaNssaTranslatorState  (1.3.6.1.2.1.14.2.1.12) | read-only | No | As per MIB |
| ospfAreaNssaTranslatorStabilityInterval(1.3.6.1.2.1.14.2.1.13) | read-create | Current | Only support read and write operation. The value range is from 0 to 900 |
| ospfAreaNssaTranslatorEvents (1.3.6.1.2.1.14.2.1.14) | read-only | No | As per MIB |

## ospfStubAreaTable

**OID: 1.3.6.1.2.1.14.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfStubAreaId (1.3.6.1.2.1.14.3.1.1) | read-only | Current | As per MIB |
| ospfStubTOS (1.3.6.1.2.1.14.3.1.2) | read-only | Yes | As per MIB |
| ospfStubMetric (1.3.6.1.2.1.14.3.1.3) | read-create | Current | Only support read and write operation. The value range is from 0 to 16777214 |
| ospfStubStatus (1.3.6.1.2.1.14.3.1.4) | read-create | No | Only support read operation |
| ospfStubMetricType (1.3.6.1.2.1.14.3.1.5) | read-create | Yes | Only support read operation |

## ospfLsdbTable

**OID: 1.3.6.1.2.1.14.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfLsdbAreaId (1.3.6.1.2.1.14.4.1.1) | read-only | No | As per MIB |
| ospfLsdbType (1.3.6.1.2.1.14.4.1.2) | read-only | No | As per MIB |
| ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3) | read-only | No | As per MIB |
| ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4) | read-only | No | As per MIB |
| ospfLsdbSequence (1.3.6.1.2.1.14.4.1.5) | read-only | No | As per MIB |
| ospfLsdbAge (1.3.6.1.2.1.14.4.1.6) | read-only | No | As per MIB |
| ospfLsdbChecksum (1.3.6.1.2.1.14.4.1.7) | read-only | No | As per MIB |
| ospfLsdbAdvertisement (1.3.6.1.2.1.14.4.1.8) | read-only | No | As per MIB |

## ospfAreaRangeTable

**OID: 1.3.6.1.2.1.14.5 （obsolete）**

## ospfHostTable

**OID: 1.3.6.1.2.1.14.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfHostIpAddress (1.3.6.1.2.1.14.6.1.1) | read-only | Current | As per MIB |
| ospfHostTOS (1.3.6.1.2.1.14.6.1.2) | read-only | Yes | As per MIB |
| ospfHostMetric (1.3.6.1.2.1.14.6.1.3) | read-create | Current | Only support read and write operation. The value range is from 1 to 65535 |
| ospfHostStatus (1.3.6.1.2.1.14.6.1.4) | read-create | No | Only support read operation |
| ospfHostAreaID (1.3.6.1.2.1.14.6.1.5) | read-only | Current | As per MIB |
| ospfHostCfgAreaID  (1.3.6.1.2.1.14.6.1.6) | read-create | Current | Only support read operation |

## ospfIfTable

**OID: 1.3.6.1.2.1.14.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfIfIpAddress (1.3.6.1.2.1.14.7.1.1) | read-only | Current | As per MIB |
| ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2) | read-only | No | As per MIB |
| ospfIfAreaId (1.3.6.1.2.1.14.7.1.3) | read-create | Current | Only support read operation |
| ospfIfType (1.3.6.1.2.1.14.7.1.4) | read-create | Current | Only support read and write operation, and write operation is not supported by LoopBack interface. |
| ospfIfAdminStat (1.3.6.1.2.1.14.7.1.5) | read-create | No | Only support read operation |
| ospfIfRtrPriority (1.3.6.1.2.1.14.7.1.6) | read-create | Current | Only support read and write operation, and write operation is not supported by LoopBack interface. |
| ospfIfTransitDelay (1.3.6.1.2.1.14.7.1.7) | read-create | Current | Only support read and write operation.The value range is from 1 to 3600, and write operation is not supported by LoopBack interface. |
| ospfIfRetransInterval (1.3.6.1.2.1.14.7.1.8) | read-create | Current | Only support read and write operation.The value range is from 1 to 3600, and write operation is not supported by LoopBack interface. |
| ospfIfHelloInterval (1.3.6.1.2.1.14.7.1.9) | read-create | Current | Only support read and write operation, and write operation is not supported by LoopBack interface. |
| ospfIfRtrDeadInterval (1.3.6.1.2.1.14.7.1.10) | read-create | Current | Only support read and write operation.The value range is from 1 to 2147483647, and write operation is not supported by LoopBack interface. |
| ospfIfPollInterval (1.3.6.1.2.1.14.7.1.11) | read-create | Current | Only support read and write operation.The value range is from 1 to 2147483647, and write operation is not supported by LoopBack interface. |
| ospfIfState (1.3.6.1.2.1.14.7.1.12) | read-only | No | As per MIB |
| ospfIfDesignatedRouter (1.3.6.1.2.1.14.7.1.13) | read-only | No | As per MIB |
| ospfIfBackupDesignatedRouter (1.3.6.1.2.1.14.7.1.14) | read-only | No | As per MIB |
| ospfIfEvents (1.3.6.1.2.1.14.7.1.15) | read-only | No | As per MIB |
| ospfIfAuthKey (1.3.6.1.2.1.14.7.1.16) | read-create | Current | Only support read operation |
| ospfIfStatus (1.3.6.1.2.1.14.7.1.17) | read-create | No | Only support read operation |
| ospfIfMulticastForwarding (1.3.6.1.2.1.14.7.1.18) | read-create | YES | Only support read operation |
| ospfIfDemand (1.3.6.1.2.1.14.7.1.19) | read-create | YES | Only support read operation |
| ospfIfAuthType (1.3.6.1.2.1.14.7.1.20) | read-create | Current | Only support read operation |
| ospfIfLsaCount  (1.3.6.1.2.1.14.7.1.21) | read-only | No | As per MIB |
| ospfIfLsaCksumSum  (1.3.6.1.2.1.14.7.1.22) | read-only | No | As per MIB |
| ospfIfDesignatedRouterId  (1.3.6.1.2.1.14.7.1.23) | read-only | No | As per MIB |
| ospfIfBackupDesignatedRouterId(1.3.6.1.2.1.14.7.1.24) | read-only | No | As per MIB |

## ospfIfMetricTable

**OID: 1.3.6.1.2.1.14.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfIfMetricIpAddress (1.3.6.1.2.1.14.8.1.1) | read-only | Current | As per MIB |
| ospfIfMetricAddressLessIf (1.3.6.1.2.1.14.8.1.2) | read-only | No | As per MIB |
| ospfIfMetricTOS (1.3.6.1.2.1.14.8.1.3) | read-only | Yes | As per MIB |
| ospfIfMetricValue (1.3.6.1.2.1.14.8.1.4) | read-create | Current | Only support read and write operation .The value range is from 0 to 65535 for LoopBack interface, and from 1 to 65535 for other interfaces. |
| ospfIfMetricStatus (1.3.6.1.2.1.14.8.1.5) | read-create | No | Only support read operation |

## ospfVirtIfTable

**OID: 1.3.6.1.2.1.14.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1) | read-only | Current | As per MIB |
| ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2) | read-only | Current | As per MIB |
| ospfVirtIfTransitDelay (1.3.6.1.2.1.14.9.1.3) | read-create | Current | Only support read and write operation. The value range is from 1 to 3600 |
| ospfVirtIfRetransInterval (1.3.6.1.2.1.14.9.1.4) | read-create | Current | Only support read and write operation. The value range is from 1 to 3600 |
| ospfVirtIfHelloInterval (1.3.6.1.2.1.14.9.1.5) | read-create | Current | Only support read and write operation. The value range is from 1 to 8192 |
| ospfVirtIfRtrDeadInterval (1.3.6.1.2.1.14.9.1.6) | read-create | Current | Only support read and write operation The value range is from 1 to 32768 |
| ospfVirtIfState (1.3.6.1.2.1.14.9.1.7) | read-only | No | As per MIB |
| ospfVirtIfEvents (1.3.6.1.2.1.14.9.1.8) | read-only | No | As per MIB |
| ospfVirtIfAuthKey (1.3.6.1.2.1.14.9.1.9) | read-create | Current | Only support read operation |
| ospfVirtIfStatus (1.3.6.1.2.1.14.9.1.10) | read-create | No | Only support read operation |
| ospfVirtIfAuthType (1.3.6.1.2.1.14.9.1.11) | read-create | Current | Only support read operation |
| ospfVirtIfLsaCount  (1.3.6.1.2.1.14.9.1.12) | read-only | No | As per MIB |
| ospfVirtIfLsaCksumSum  (1.3.6.1.2.1.14.9.1.13) | read-only | No | As per MIB |

## ospfNbrTable

**OID: 1.3.6.1.2.1.14.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfNbrIpAddr (1.3.6.1.2.1.14.10.1.1) | read-only | No | As per MIB |
| ospfNbrAddressLessIndex (1.3.6.1.2.1.14.10.1.2) | read-only | No | As per MIB |
| ospfNbrRtrId (1.3.6.1.2.1.14.10.1.3) | read-only | No | As per MIB |
| ospfNbrOptions (1.3.6.1.2.1.14.10.1.4) | read-only | No | As per MIB |
| ospfNbrPriority (1.3.6.1.2.1.14.10.1.5) | read-create | Current | Only support read and write operation, and write operation is only supported by NBMA neighbour |
| ospfNbrState (1.3.6.1.2.1.14.10.1.6) | read-only | No | As per MIB |
| ospfNbrEvents (1.3.6.1.2.1.14.10.1.7) | read-only | No | As per MIB |
| ospfNbrLsRetransQLen (1.3.6.1.2.1.14.10.1.8) | read-only | No | As per MIB |
| ospfNbmaNbrStatus (1.3.6.1.2.1.14.10.1.9) | read-create | No | Only support read operation |
| ospfNbmaNbrPermanence (1.3.6.1.2.1.14.10.1.10) | read-only | No | As per MIB |
| ospfNbrHelloSuppressed (1.3.6.1.2.1.14.10.1.11) | read-only | No | As per MIB |
| ospfNbrRestartHelperStatus  (1.3.6.1.2.1.14.10.1.12) | read-only | No | As per MIB |
| ospfNbrRestartHelperAge  (1.3.6.1.2.1.14.10.1.13) | read-only | No | As per MIB |
| ospfNbrRestartHelperExitReason(1.3.6.1.2.1.14.10.1.14) | read-only | No | As per MIB |

## ospfVirtNbrTable

**OID: 1.3.6.1.2.1.14.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfVirtNbrArea (1.3.6.1.2.1.14.11.1.1) | read-only | No | As per MIB |
| ospfVirtNbrRtrId (1.3.6.1.2.1.14.11.1.2) | read-only | No | As per MIB |
| ospfVirtNbrIpAddr (1.3.6.1.2.1.14.11.1.3) | read-only | No | As per MIB |
| ospfVirtNbrOptions (1.3.6.1.2.1.14.11.1.4) | read-only | No | As per MIB |
| ospfVirtNbrState (1.3.6.1.2.1.14.11.1.5) | read-only | No | As per MIB |
| ospfVirtNbrEvents (1.3.6.1.2.1.14.11.1.6) | read-only | No | As per MIB |
| ospfVirtNbrLsRetransQLen (1.3.6.1.2.1.14.11.1.7) | read-only | No | As per MIB |
| ospfVirtNbrHelloSuppressed (1.3.6.1.2.1.14.11.1.8) | read-only | No | As per MIB |
| ospfVirtNbrRestartHelperStatus (1.3.6.1.2.1.14.11.1.9) | read-only | No | As per MIB |
| ospfVirtNbrRestartHelperAge  (1.3.6.1.2.1.14.11.1.10) | read-only | No | As per MIB |
| ospfVirtNbrRestartHelperExitReason (1.3.6.1.2.1.14.11.1.11) | read-only | No | As per MIB |

## ospfExtLsdbTable

**OID: 1.3.6.1.2.1.14.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfExtLsdbType (1.3.6.1.2.1.14.12.1.1) | read-only | No | As per MIB |
| ospfExtLsdbLsid (1.3.6.1.2.1.14.12.1.2) | read-only | No | As per MIB |
| ospfExtLsdbRouterId (1.3.6.1.2.1.14.12.1.3) | read-only | No | As per MIB |
| ospfExtLsdbSequence (1.3.6.1.2.1.14.12.1.4) | read-only | No | As per MIB |
| ospfExtLsdbAge (1.3.6.1.2.1.14.12.1.5) | read-only | No | As per MIB |
| ospfExtLsdbChecksum (1.3.6.1.2.1.14.12.1.6) | read-only | No | As per MIB |
| ospfExtLsdbAdvertisement (1.3.6.1.2.1.14.12.1.7) | read-only | No | As per MIB |

## ospfAreaAggregateTable

**OID: 1.3.6.1.2.1.14.14**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfAreaAggregateAreaID (1.3.6.1.2.1.14.14.1.1) | read-only | Current | As per MIB |
| ospfAreaAggregateLsdbType (1.3.6.1.2.1.14.14.1.2) | read-only | Current | As per MIB |
| ospfAreaAggregateNet (1.3.6.1.2.1.14.14.1.3) | read-only | Current | As per MIB |
| ospfAreaAggregateMask (1.3.6.1.2.1.14.14.1.4) | read-only | Current | As per MIB |
| ospfAreaAggregateStatus (1.3.6.1.2.1.14.14.1.5) | read-create | No | Only support read operation |
| ospfAreaAggregateEffect (1.3.6.1.2.1.14.14.1.6) | read-create | Current | Only support read and write operation |
| ospfAreaAggregateExtRouteTag(1.3.6.1.2.1.14.14.1.7) | read-create | Current | Only support read and write operation, and write operation is only supported by nssaExternalLink. |

## ospfLocalLsdbTable

**OID: 1.3.6.1.2.1.14.17**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfLocalLsdbIpAddress (1.3.6.1.2.1.14.17.1.1) | not-accessible | No | As per MIB |
| ospfLocalLsdbAddressLessIf (1.3.6.1.2.1.14.17.1.2) | not-accessible | No | As per MIB |
| ospfLocalLsdbType (1.3.6.1.2.1.14.17.1.3) | not-accessible | No | As per MIB |
| ospfLocalLsdbLsid (1.3.6.1.2.1.14.17.1.4) | not-accessible | No | As per MIB |
| ospfLocalLsdbRouterId (1.3.6.1.2.1.14.17.1.5) | not-accessible | No | As per MIB |
| ospfLocalLsdbSequence (1.3.6.1.2.1.14.17.1.6) | read-only | No | As per MIB |
| ospfLocalLsdbAge  (1.3.6.1.2.1.14.17.1.7) | read-only | No | As per MIB |
| ospfLocalLsdbChecksum  (1.3.6.1.2.1.14.17.1.8) | read-only | No | As per MIB |
| ospfLocalLsdbAdvertisement  (1.3.6.1.2.1.14.17.1.9) | read-only | No | As per MIB |

## ospfVirtLocalLsdbTable

**OID: 1.3.6.1.2.1.14.18**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfVirtLocalLsdbTransitArea (1.3.6.1.2.1.14.18.1.1) | not-accessible | No | As per MIB |
| ospfVirtLocalLsdbNeighbor (1.3.6.1.2.1.14.18.1.2) | not-accessible | No | As per MIB |
| ospfVirtLocalLsdbType (1.3.6.1.2.1.14.18.1.3) | not-accessible | No | As per MIB |
| ospfVirtLocalLsdbLsid (1.3.6.1.2.1.14.18.1.4) | not-accessible | No | As per MIB |
| ospfVirtLocalLsdbRouterId (1.3.6.1.2.1.14.18.1.5) | not-accessible | No | As per MIB |
| ospfVirtLocalLsdbSequence (1.3.6.1.2.1.14.18.1.6) | read-only | No | As per MIB |
| ospfVirtLocalLsdbAge (1.3.6.1.2.1.14.18.1.7) | read-only | No | As per MIB |
| ospfVirtLocalLsdbChecksum (1.3.6.1.2.1.14.18.1.8) | read-only | No | As per MIB |
| ospfVirtLocalLsdbAdvertisement (1.3.6.1.2.1.14.18.1.9) | read-only | No | As per MIB |

## ospfAsLsdbTable

**OID: 1.3.6.1.2.1.14.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfAsLsdbType (1.3.6.1.2.1.14.19.1.1) | not-accessible | No | As per MIB |
| ospfAsLsdbLsid (1.3.6.1.2.1.14.19.1.2) | not-accessible | No | As per MIB |
| ospfAsLsdbRouterId (1.3.6.1.2.1.14.19.1.3) | not-accessible | No | As per MIB |
| ospfAsLsdbSequence (1.3.6.1.2.1.14.19.1.4) | read-only | No | As per MIB |
| ospfAsLsdbAge (1.3.6.1.2.1.14.19.1.5) | read-only | No | As per MIB |
| ospfAsLsdbChecksum (1.3.6.1.2.1.14.19.1.6) | read-only | No | As per MIB |
| ospfAsLsdbAdvertisement (1.3.6.1.2.1.14.19.1.7) | read-only | No | As per MIB |

## ospfAreaLsaCountTable

**OID: 1.3.6.1.2.1.14.20**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfAreaLsaCountAreaId (1.3.6.1.2.1.14.20.1.1) | not-accessible | Current | As per MIB |
| ospfAreaLsaCountLsaType (1.3.6.1.2.1.14.20.1.2) | not-accessible | Current | As per MIB |
| ospfAreaLsaCountNumber (1.3.6.1.2.1.14.20.1.3) | read-only | No | As per MIB |

# OSPFV3-MIB

## ospfv3GeneralGroup

**OID: 1.3.6.1.2.1.191.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3RouterId (1.3.6.1.2.1.191.1.1.1) | read-write | Current | Only support read operation |
| ospfv3AdminStatus (1.3.6.1.2.1.191.1.1.2) | read-write | No | Only support read operation |
| ospfv3VersionNumber (1.3.6.1.2.1.191.1.1.3) | read-only | Yes | As per MIB |
| ospfv3AreaBdrRtrStatus (1.3.6.1.2.1.191.1.1.4) | read-only | No | As per MIB |
| ospfv3ASBdrRtrStatus (1.3.6.1.2.1.191.1.1.5) | read-write | No | Only support read operation |
| ospfv3AsScopeLsaCount (1.3.6.1.2.1.191.1.1.6) | read-only | No | As per MIB |
| ospfv3AsScopeLsaCksumSum (1.3.6.1.2.1.191.1.1.7) | read-only | No | As per MIB |
| ospfv3OriginateNewLsas (1.3.6.1.2.1.191.1.1.8) | read-only | No | As per MIB |
| ospfv3RxNewLsas (1.3.6.1.2.1.191.1.1.9) | read-only | No | As per MIB |
| ospfv3ExtLsaCount (1.3.6.1.2.1.191.1.1.10) | read-only | No | As per MIB |
| ospfv3ExtAreaLsdbLimit (1.3.6.1.2.1.191.1.1.11) | read-write | Yes | Only support read operation |
| ospfv3ExitOverflowInterval (1.3.6.1.2.1.191.1.1.12) | read-write | Yes | Only support read operation |
| ospfv3DemandExtensions (1.3.6.1.2.1.191.1.1.13) | read-write | Yes | Only support read operation |
| ospfv3ReferenceBandwidth (1.3.6.1.2.1.191.1.1.14) | read-write | Current | The portion less than 1000 of the whole value will be ignored. |
| ospfv3RestartSupport (1.3.6.1.2.1.191.1.1.15) | read-write | Current | If value changes from 1 to 2 or 3, IETF GR is supported; if value changes between 2 and 3, the original GR type is not changed. |
| ospfv3RestartInterval (1.3.6.1.2.1.191.1.1.16) | read-write | Current | The value range is from 40 to 1800 |
| ospfv3RestartStrictLsaChecking (1.3.6.1.2.1.191.1.1.17) | read-write | Current | The default value is false(2). |
| ospfv3RestartStatus (1.3.6.1.2.1.191.1.1.18) | read-only | No | As per MIB |
| ospfv3RestartAge (1.3.6.1.2.1.191.1.1.19) | read-only | No | As per MIB |
| ospfv3RestartExitReason (1.3.6.1.2.1.191.1.1.20) | read-only | No | As per MIB |
| ospfv3NotificationEnable (1.3.6.1.2.1.191.1.1.21) | read-write | Current | If no OSPFv3 notification can be generated, the value of this object is false (1); Otherwise true (1).  If this object is set to true (1), then it enables the generation of all OSPFv3 notifications. |
| ospfv3StubRouterSupport (1.3.6.1.2.1.191.1.1.22) | read-only | Yes | As per MIB |
| ospfv3StubRouterAdvertisement (1.3.6.1.2.1.191.1.1.23) | read-write | Current | As per MIB |
| ospfv3DiscontinuityTime (1.3.6.1.2.1.191.1.1.24) | read-only | No | As per MIB |
| ospfv3RestartTime (1.3.6.1.2.1.191.1.1.25) | read-only | No | As per MIB |

## ospfv3AreaTable

**OID: 1.3.6.1.2.1.191.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3AreaId (1.3.6.1.2.1.191.1.2.1.1) | not-accessible | No | As per MIB |
| ospfv3AreaImportAsExtern (1.3.6.1.2.1.191.1.2.1.2) | read-create | No | Only support read operation |
| ospfv3AreaSpfRuns (1.3.6.1.2.1.191.1.2.1.3) | read-only | No | As per MIB |
| ospfv3AreaBdrRtrCount (1.3.6.1.2.1.191.1.2.1.4) | read-only | No | As per MIB |
| ospfv3AreaAsBdrRtrCount (1.3.6.1.2.1.191.1.2.1.5) | read-only | No | As per MIB |
| ospfv3AreaScopeLsaCount (1.3.6.1.2.1.191.1.2.1.6) | read-only | No | As per MIB |
| ospfv3AreaScopeLsaCksumSum (1.3.6.1.2.1.191.1.2.1.7) | read-only | No | As per MIB |
| ospfv3AreaSummary (1.3.6.1.2.1.191.1.2.1.8) | read-create | Current | Only support read and write operations |
| ospfv3AreaRowStatus (1.3.6.1.2.1.191.1.2.1.9) | read-create | No | Only support read operation |
| ospfv3AreaStubMetric (1.3.6.1.2.1.191.1.2.1.10) | read-create | Current | Only support read and write operations.  The default value is 1.  The value range is from 0 to 16777214 |
| ospfv3AreaNssaTranslatorRole (1.3.6.1.2.1.191.1.2.1.11) | read-create | Current | Only support read and write operations |
| ospfv3AreaNssaTranslatorState (1.3.6.1.2.1.191.1.2.1.12) | read-only | No | As per MIB |
| ospfv3AreaNssaTranslatorStabInterval (1.3.6.1.2.1.191.1.2.1.13) | read-create | Current | Only support read and write operations.  The default value is 0.  The value range is from 0 to 900 |
| ospfv3AreaNssaTranslatorEvents (1.3.6.1.2.1.191.1.2.1.14) | read-only | No | As per MIB |
| ospfv3AreaStubMetricType (1.3.6.1.2.1.191.1.2.1.15) | read-create | Yes | Only support read operation |
| ospfv3AreaTEEnabled  (1.3.6.1.2.1.191.1.2.1.16) | read-create | Yes | Only support read operation |

## ospfv3AsLsdbTable

**OID: 1.3.6.1.2.1.191.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3AsLsdbType (1.3.6.1.2.1.191.1.3.1.1) | not-accessible | No | As per MIB |
| ospfv3AsLsdbRouterId (1.3.6.1.2.1.191.1.3.1.2) | not-accessible | No | As per MIB |
| ospfv3AsLsdbLsid (1.3.6.1.2.1.191.1.3.1.3) | not-accessible | No | As per MIB |
| ospfv3AsLsdbSequence (1.3.6.1.2.1.191.1.3.1.4) | read-only | No | As per MIB |
| ospfv3AsLsdbAge (1.3.6.1.2.1.191.1.3.1.5) | read-only | No | As per MIB |
| ospfv3AsLsdbChecksum (1.3.6.1.2.1.191.1.3.1.6) | read-only | No | As per MIB |
| ospfv3AsLsdbAdvertisement (1.3.6.1.2.1.191.1.3.1.7) | read-only | No | As per MIB |
| ospfv3AsLsdbTypeKnown (1.3.6.1.2.1.191.1.3.1.8) | read-only | No | As per MIB |

## ospfv3AreaLsdbTable

**OID: 1.3.6.1.2.1.191.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3AreaLsdbAreaId (1.3.6.1.2.1.191.1.4.1.1) | not-accessible | No | As per MIB |
| ospfv3AreaLsdbType (1.3.6.1.2.1.191.1.4.1.2) | not-accessible | No | As per MIB |
| ospfv3AreaLsdbRouterId (1.3.6.1.2.1.191.1.4.1.3) | not-accessible | No | As per MIB |
| ospfv3AreaLsdbLsid (1.3.6.1.2.1.191.1.4.1.4) | not-accessible | No | As per MIB |
| ospfv3AreaLsdbSequence (1.3.6.1.2.1.191.1.4.1.5) | read-only | No | As per MIB |
| ospfv3AreaLsdbAge (1.3.6.1.2.1.191.1.4.1.6) | read-only | No | As per MIB |
| ospfv3AreaLsdbChecksum (1.3.6.1.2.1.191.1.4.1.7) | read-only | No | As per MIB |
| ospfv3AreaLsdbAdvertisement (1.3.6.1.2.1.191.1.4.1.8) | read-only | No | As per MIB |
| ospfv3AreaLsdbTypeKnown (1.3.6.1.2.1.191.1.4.1.9) | read-only | No | As per MIB |

## ospfv3LinkLsdbTable

**OID: 1.3.6.1.2.1.191.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3LinkLsdbIfIndex (1.3.6.1.2.1.191.1.5.1.1) | not-accessible | No | As per MIB |
| ospfv3LinkLsdbIfInstId (1.3.6.1.2.1.191.1.5.1.2) | not-accessible | No | As per MIB |
| ospfv3LinkLsdbType (1.3.6.1.2.1.191.1.5.1.3) | not-accessible | No | As per MIB |
| ospfv3LinkLsdbRouterId (1.3.6.1.2.1.191.1.5.1.4) | not-accessible | No | As per MIB |
| ospfv3LinkLsdbLsid (1.3.6.1.2.1.191.1.5.1.5) | not-accessible | No | As per MIB |
| ospfv3LinkLsdbSequence (1.3.6.1.2.1.191.1.5.1.6) | read-only | No | As per MIB |
| ospfv3LinkLsdbAge (1.3.6.1.2.1.191.1.5.1.7) | read-only | No | As per MIB |
| ospfv3LinkLsdbChecksum (1.3.6.1.2.1.191.1.5.1.8) | read-only | No | As per MIB |
| ospfv3LinkLsdbAdvertisement (1.3.6.1.2.1.191.1.5.1.9) | read-only | No | As per MIB |
| ospfv3LinkLsdbTypeKnown (1.3.6.1.2.1.191.1.5.1.10) | read-only | No | As per MIB |

## ospfv3HostTable

**OID: 1.3.6.1.2.1.191.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3HostAddressType (1.3.6.1.2.1.191.1.6.1.) | not-accessible | No | Not supported |
| ospfv3HostAddress (1.3.6.1.2.1.191.1.6.2.) | not-accessible | No | Not supported |
| ospfv3HostMetric (1.3.6.1.2.1.191.1.6.3.) | read-create | No | Not supported |
| ospfv3HostRowStatus( 1.3.6.1.2.1.191.1.6.4.) | read-create | No | Not supported |
| ospfv3HostAreaID (1.3.6.1.2.1.191.1.6.5.) | read-create | No | Not supported |

## ospfv3IfTable

**OID: 1.3.6.1.2.1.191.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3IfIndex (1.3.6.1.2.1.191.1.7.1.1) | not-accessible | No | As per MIB |
| ospfv3IfInstId (1.3.6.1.2.1.191.1.7.1.2) | not-accessible | No | As per MIB |
| ospfv3IfAreaId (1.3.6.1.2.1.191.1.7.1.3) | read-create | No | Only support read operation |
| ospfv3IfType (1.3.6.1.2.1.191.1.7.1.4) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface. |
| ospfv3IfAdminStatus (1.3.6.1.2.1.191.1.7.1.5) | read-create | Yes | Only support read operation |
| ospfv3IfRtrPriority (1.3.6.1.2.1.191.1.7.1.6) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface. |
| ospfv3IfTransitDelay (1.3.6.1.2.1.191.1.7.1.7) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface.  The value range is from 1 to 1800. |
| ospfv3IfRetransInterval (1.3.6.1.2.1.191.1.7.1.8) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface.  The value range is from 1 to 1800. |
| ospfv3IfHelloInterval (1.3.6.1.2.1.191.1.7.1.9) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface. |
| ospfv3IfRtrDeadInterval (1.3.6.1.2.1.191.1.7.1.10) | read-create | Current | Only support read and write operations, and write operation is not supported by LoopBack interface.  When the value of ospfv3IfRtrDeadInterval is bigger than 65535, 65535 is returned. |
| ospfv3IfPollInterval (1.3.6.1.2.1.191.1.7.1.11) | read-create | Current | Only support read and write operations.  The value range is from 1 to 65535, and write operation is not supported by LoopBack interface. |
| ospfv3IfState (1.3.6.1.2.1.191.1.7.1.12) | read-only | No | As per MIB |
| ospfv3IfDesignatedRouter (1.3.6.1.2.1.191.1.7.1.13) | read-only | No | As per MIB |
| ospfv3IfBackupDesignatedRouter (1.3.6.1.2.1.191.1.7.1.14) | read-only | No | As per MIB |
| ospfv3IfEvents(1.3.6.1.2.1.191.1.7.1.15) | read-only | No | As per MIB |
| ospfv3IfRowStatus (1.3.6.1.2.1.191.1.7.1.16) | read-create | No | Only support read operation |
| ospfv3IfDemand (1.3.6.1.2.1.191.1.7.1.17) | read-create | Yes | Only support read operation |
| ospfv3IfMetricValue (1.3.6.1.2.1.191.1.7.1.18) | read-create | Current | Only support read and write operations .  The value range is from 0 to 65535 for LoopBack interface, and from 1 to 65535 for other interfaces. |
| ospfv3IfLinkScopeLsaCount (1.3.6.1.2.1.191.1.7.1.19) | read-only | No | As per MIB |
| ospfv3IfLinkLsaCksumSum (1.3.6.1.2.1.191.1.7.1.20) | read-only | No | As per MIB |
| ospfv3IfDemandNbrProbe (1.3.6.1.2.1.191.1.7.1.21) | read-create | Yes | Only support read operation |
| ospfv3IfDemandNbrProbeRetransLimit (1.3.6.1.2.1.191.1.7.1.22) | read-create | Yes | Only support read operation |
| ospfv3IfDemandNbrProbeInterval (1.3.6.1.2.1.191.1.7.1.23) | read-create | Yes | Only support read operation |
| ospfv3IfTEDisabled (1.3.6.1.2.1.191.1.7.1.24) | read-create | Yes | Only support read operation |
| ospfv3IfLinkLSASuppression (1.3.6.1.2.1.191.1.7.1.25) | read-create | Yes | Only support read operation |

## ospfv3VirtIfTable

**OID: 1.3.6.1.2.1.191.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3VirtIfAreaId (1.3.6.1.2.1.191.1.8.1.1) | not-accessible | No | As per MIB |
| ospfv3VirtIfNeighbor (1.3.6.1.2.1.191.1.8.1.2) | not-accessible | No | As per MIB |
| ospfv3VirtIfIndex (1.3.6.1.2.1.191.1.8.1.3) | read-only | No | As per MIB |
| ospfv3VirtIfInstId (1.3.6.1.2.1.191.1.8.1.4) | read-only | No | As per MIB |
| ospfv3VirtIfTransitDelay (1.3.6.1.2.1.191.1.8.1.5) | read-create | Current | Only support read and write operations.  The value range is from 1 to 1800 |
| ospfv3VirtIfRetransInterval (1.3.6.1.2.1.191.1.8.1.6) | read-create | Current | Only support read and write operations.  The value range is from 1 to 1800 |
| ospfv3VirtIfHelloInterval (1.3.6.1.2.1.191.1.8.1.7) | read-create | Current | Only support read and write operations.  The value range is from 1 to 8192 |
| ospfv3VirtIfRtrDeadInterval (1.3.6.1.2.1.191.1.8.1.8) | read-create | Current | Only support read and write operations.  The default value is 40.  The range is from 1 to 32768 |
| ospfv3VirtIfState (1.3.6.1.2.1.191.1.8.1.9) | read-only | No | As per MIB |
| ospfv3VirtIfEvents (1.3.6.1.2.1.191.1.8.1.10) | read-only | No | As per MIB |
| ospfv3VirtIfRowStatus (1.3.6.1.2.1.191.1.8.1.11) | read-create | No | Only support read operation |
| ospfv3VirtIfLinkScopeLsaCount (1.3.6.1.2.1.191.1.8.1.12) | read-only | No | As per MIB |
| ospfv3VirtIfLinkLsaCksumSum (1.3.6.1.2.1.191.1.8.1.13) | read-only | No | As per MIB |

## ospfv3NbrTable

**OID: 1.3.6.1.2.1.191.1.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3NbrIfIndex (1.3.6.1.2.1.191.1.9.1.1) | not-accessible | No | As per MIB |
| ospfv3NbrIfInstId (1.3.6.1.2.1.191.1.9.1.2) | not-accessible | No | As per MIB |
| ospfv3NbrRtrId (1.3.6.1.2.1.191.1.9.1.3) | not-accessible | No | As per MIB |
| ospfv3NbrAddressType (1.3.6.1.2.1.191.1.9.1.4) | read-only | No | As per MIB |
| ospfv3NbrAddress (1.3.6.1.2.1.191.1.9.1.5) | read-only | No | As per MIB |
| ospfv3NbrOptions (1.3.6.1.2.1.191.1.9.1.6) | read-only | No | As per MIB |
| ospfv3NbrPriority (1.3.6.1.2.1.191.1.9.1.7) | read-only | No | As per MIB |
| ospfv3NbrState (1.3.6.1.2.1.191.1.9.1.8) | read-only | No | As per MIB |
| ospfv3NbrEvents (1.3.6.1.2.1.191.1.9.1.9) | read-only | No | As per MIB |
| ospfv3NbrLsRetransQLen (1.3.6.1.2.1.191.1.9.1.10) | read-only | No | As per MIB |
| ospfv3NbrHelloSuppressed (1.3.6.1.2.1.191.1.9.1.11) | read-only | No | As per MIB |
| ospfv3NbrIfId (1.3.6.1.2.1.191.1.9.1.12) | read-only | No | As per MIB |
| ospfv3NbrRestartHelperStatus (1.3.6.1.2.1.191.1.9.1.13) | read-only | No | As per MIB |
| ospfv3NbrRestartHelperAge (1.3.6.1.2.1.191.1.9.1.14) | read-only | No | As per MIB |
| ospfv3NbrRestartHelperExitReason (1.3.6.1.2.1.191.1.9.1.15) | read-only | No | As per MIB |

## ospfv3CfgNbrTable

**OID: 1.3.6.1.2.1.191.1.10**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3CfgNbrIfIndex (1.3.6.1.2.1.191.1.10.1.1) | not-accessible | No | As per MIB |
| ospfv3CfgNbrIfInstId (1.3.6.1.2.1.191.1.10.1.2) | not-accessible | No | As per MIB |
| ospfv3CfgNbrAddressType (1.3.6.1.2.1.191.1.10.1.3) | not-accessible | No | As per MIB |
| ospfv3CfgNbrAddress (1.3.6.1.2.1.191.1.10.1.4) | not-accessible | No | As per MIB |
| ospfv3CfgNbrPriority (1.3.6.1.2.1.191.1.10.1.5) | read-create | Current | Only support read and write operations, and write operation is only supported by NBMA neighbor |
| ospfv3CfgNbrRowStatus (1.3.6.1.2.1.191.1.10.1.6) | read-create | No | Only support read operation |

## ospfv3VirtNbrTable

**OID: 1.3.6.1.2.1.191.1.11**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3VirtNbrArea (1.3.6.1.2.1.191.1.11.1.1) | not-accessible | No | As per MIB |
| ospfv3VirtNbrRtrId (1.3.6.1.2.1.191.1.11.1.2) | not-accessible | No | As per MIB |
| ospfv3VirtNbrIfIndex (1.3.6.1.2.1.191.1.11.1.3) | read-only | No | As per MIB |
| ospfv3VirtNbrIfInstId (1.3.6.1.2.1.191.1.11.1.4) | read-only | No | As per MIB |
| ospfv3VirtNbrAddressType (1.3.6.1.2.1.191.1.11.1.5) | read-only | No | As per MIB |
| ospfv3VirtNbrAddress (1.3.6.1.2.1.191.1.11.1.6) | read-only | No | As per MIB |
| ospfv3VirtNbrOptions (1.3.6.1.2.1.191.1.11.1.7) | read-only | No | As per MIB |
| ospfv3VirtNbrState (1.3.6.1.2.1.191.1.11.1.8) | read-only | No | As per MIB |
| ospfv3VirtNbrEvents (1.3.6.1.2.1.191.1.11.1.9) | read-only | No | As per MIB |
| ospfv3VirtNbrLsRetransQLen(1.3.6.1.2.1.191.1.11.1.10) | read-only | No | As per MIB |
| ospfv3VirtNbrHelloSuppressed (1.3.6.1.2.1.191.1.11.1.11) | read-only | No | As per MIB |
| ospfv3VirtNbrIfId (1.3.6.1.2.1.191.1.11.1.12) | read-only | No | As per MIB |
| ospfv3VirtNbrRestartHelperStatus (1.3.6.1.2.1.191.1.11.1.13) | read-only | No | As per MIB |
| ospfv3VirtNbrRestartHelperAge (1.3.6.1.2.1.191.1.11.1.14) | read-only | No | As per MIB |
| ospfv3VirtNbrRestartHelperExitReason (1.3.6.1.2.1.191.1.11.1.15) | read-only | No | As per MIB |

## ospfv3AreaAggregateTable

**OID: 1.3.6.1.2.1.191.1.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3AreaAggregateAreaID (1.3.6.1.2.1.191.1.12.1.1) | not-accessible | No | As per MIB |
| ospfv3AreaAggregateAreaLsdbType (1.3.6.1.2.1.191.1.12.1.2) | not-accessible | No | As per MIB |
| ospfv3AreaAggregatePrefixType (1.3.6.1.2.1.191.1.12.1.3) | not-accessible | No | As per MIB |
| ospfv3AreaAggregatePrefix (1.3.6.1.2.1.191.1.12.1.4) | not-accessible | No | As per MIB |
| ospfv3AreaAggregatePrefixLength (1.3.6.1.2.1.191.1.12.1.5) | not-accessible | No | As per MIB |
| ospfv3AreaAggregateRowStatus (1.3.6.1.2.1.191.1.12.1.6) | read-create | No | Only support read operation |
| ospfv3AreaAggregateEffect (1.3.6.1.2.1.191.1.12.1.7) | read-create | Current | Only support read and write operations |
| ospfv3AreaAggregateRouteTag (1.3.6.1.2.1.191.1.12.1.8) | read-create | Current | Only support read and write operations |

## ospfv3VirtLinkLsdbTable

**OID: 1.3.6.1.2.1.191.1.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ospfv3VirtLinkLsdbIfAreaId (1.3.6.1.2.1.191.1.13.1.1) | not-accessible | No | As per MIB |
| ospfv3VirtLinkLsdbIfNeighbor(1.3.6.1.2.1.191.1.13.1.2) | not-accessible | No | As per MIB |
| ospfv3VirtLinkLsdbType (1.3.6.1.2.1.191.1.13.1.3) | not-accessible | No | As per MIB |
| ospfv3VirtLinkLsdbRouterId (1.3.6.1.2.1.191.1.13.1.4) | not-accessible | No | As per MIB |
| ospfv3VirtLinkLsdbLsid (1.3.6.1.2.1.191.1.13.1.5) | not-accessible | No | As per MIB |
| ospfv3VirtLinkLsdbSequence(1.3.6.1.2.1.191.1.13.1.6) | read-only | No | As per MIB |
| ospfv3VirtLinkLsdbAge (1.3.6.1.2.1.191.1.13.1.7) | read-only | No | As per MIB |
| ospfv3VirtLinkLsdbChecksum(1.3.6.1.2.1.191.1.13.1.8) | read-only | No | As per MIB |
| ospfv3VirtLinkLsdbAdvertisement (1.3.6.1.2.1.191.1.13.1.9) | read-only | No | As per MIB |
| ospfv3VirtLinkLsdbTypeKnown (1.3.6.1.2.1.191.1.13.1.10) | read-only | No | As per MIB |

# P-BRIDGE-MIB

## Scalar objects of dot1dExtBase group

**OID: 1.3.6.1.2.1.17.6.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dDeviceCapabilities (1.3.6.1.2.1.17.6.1.1.1) | read-only | No | As per MIB |
| dot1dTrafficClassesEnabled (1.3.6.1.2.1.17.6.1.1.2) | read-only | No | Only support read operation |
| dot1dGmrpStatus (1.3.6.1.2.1.17.6.1.1.3) | read-write | No | Not supported |

## dot1dPortCapabilitiesTable

**OID: 1.3.6.1.2.1.17.6.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| dot1dPortCapabilities  (1.3.6.1.2.1.17.6.1.1.4.1.1) | read-only | Current | Indicates the parts of IEEE 802.1D and 802.1Q that are  optional on a per-port basis that are implemented by this device and are manageable through this MIB |

# PIM-BSR-MIB

The PIM-BSR-MIB module for management of the Bootstrap Router (BSR) mechanism for PIM routers.

## pimBsrCandidateRPTable

**OID: 1.3.6.1.2.1.172.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimBsrCandidateRPAddressType  (1.3.6.1.2.1.172.1.1.1.1) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimBsrCandidateRPAddress  (1.3.6.1.2.1.172.1.1.1.2) | not-accessible | Current | As per MIB |
| pimBsrCandidateRPGroupAddress  (1.3.6.1.2.1.172.1.1.1.3) | not-accessible | Current | Only support all multicast group range |
| pimBsrCandidateRPGroupPrefixLength  (1.3.6.1.2.1.172.1.1.1.4) | not-accessible | Current | Only support all multicast group range |
| pimBsrCandidateRPBidir  (1.3.6.1.2.1.172.1.1.1.5) | read-create | Current | read-only |
| pimBsrCandidateRPAdvTimer  (1.3.6.1.2.1.172.1.1.1.6) | read-only | Current | The object is zero if the advertisement timer is not running. |
| pimBsrCandidateRPPriority  (1.3.6.1.2.1.172.1.1.1.7) | read-create | Current | read-only |
| pimBsrCandidateRPAdvInterval  (1.3.6.1.2.1.172.1.1.1.8) | read-create | Current | read-only |
| pimBsrCandidateRPHoldtime  (1.3.6.1.2.1.172.1.1.1.9) | read-create | Current | read-only  Size list: 1: 1..65535 |
| pimBsrCandidateRPStatus  (1.3.6.1.2.1.172.1.1.1.10) | read-create | Current | read-only  Only support : active(1) createAndGo(4) destroy(6) |
| pimBsrCandidateRPStorageType  (1.3.6.1.2.1.172.1.1.1.11) | read-create | Current | read-only  Only support: other(1) |

## pimBsrElectedBSRRPSetTable

**OID: 1.3.6.1.2.1.172.1.2**

This table only supports public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimBsrElectedBSRGrpMappingAddrType  (1.3.6.1.2.1.172.1.2.1.2) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimBsrElectedBSRGrpMappingGrpAddr  (1.3.6.1.2.1.172.1.2.1.3) | not-accessible | Current | As per MIB |
| pimBsrElectedBSRGrpMappingGrpPrefixLen  (1.3.6.1.2.1.172.1.2.1.4) | not-accessible | Current | As per MIB |
| pimBsrElectedBSRGrpMappingRPAddr  (1.3.6.1.2.1.172.1.2.1.5) | not-accessible | Current | As per MIB |
| pimBsrElectedBSRRPSetPriority  (1.3.6.1.2.1.172.1.2.1.6) | read-only | Current | As per MIB |
| pimBsrElectedBSRRPSetHoldtime  (1.3.6.1.2.1.172.1.2.1.7) | read-only | Current | As per MIB |
| pimBsrElectedBSRRPSetExpiryTime  (1.3.6.1.2.1.172.1.2.1.8) | read-only | Current | The value zero indicates that this entry will be aged out at once. |
| pimBsrElectedBSRRPSetGrpBidir  (1.3.6.1.2.1.172.1.2.1.9) | read-only | Current | As per MIB |

## pimBsrCandidateBSRTable

**OID: 1.3.6.1.2.1.172.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimBsrCandidateBSRZoneIndex  (1.3.6.1.2.1.172.1.3.1.1) | not-accessible | Current | Only support 0xFFFFFFFF 0X7FFFFFFF |
| pimBsrCandidateBSRAddressType  (1.3.6.1.2.1.172.1.3.1.2) | read-create | Current | Only support: ipv4(1) ipv6(2) |
| pimBsrCandidateBSRAddress  (1.3.6.1.2.1.172.1.3.1.3) | read-create | Current | As per MIB |
| pimBsrCandidateBSRPriority  (1.3.6.1.2.1.172.1.3.1.4) | read-create | Current | Default values: 1: 64 (int) Size list: 1: 0..255 |
| pimBsrCandidateBSRHashMaskLength  (1.3.6.1.2.1.172.1.3.1.5) | read-create | Current | Size list: 1: 0..32 |
| pimBsrCandidateBSRElectedBSR  (1.3.6.1.2.1.172.1.3.1.6) | read-only | Current | As per MIB |
| pimBsrCandidateBSRBootstrapTimer  (1.3.6.1.2.1.172.1.3.1.7) | read-only | Current | As per MIB |
| pimBsrCandidateBSRStatus  (1.3.6.1.2.1.172.1.3.1.8) | read-create | Current | Only support : active(1) createAndGo(4) destroy(6) |
| pimBsrCandidateBSRStorageType  (1.3.6.1.2.1.172.1.3.1.9) | read-create | Current | read-only  Only support: other(1) |

## pimBsrElectedBSRTable

**OID: 1.3.6.1.2.1.172.1.4**

This table only supports public net.

This table doesn’t support administrative scoping.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimBsrElectedBSRZoneIndex  (1.3.6.1.2.1.172.1.4.1.1) | not-accessible | Current | Only support 0xFFFFFFFF 0X7FFFFFFF |
| pimBsrElectedBSRAddressType  (1.3.6.1.2.1.172.1.4.1.2) | read-only | Current | Only support: ipv4(1) ipv6(2) |
| pimBsrElectedBSRAddress  (1.3.6.1.2.1.172.1.4.1.3) | read-only | Current | As per MIB |
| pimBsrElectedBSRPriority  (1.3.6.1.2.1.172.1.4.1.4) | read-only | Current | As per MIB |
| pimBsrElectedBSRHashMaskLength  (1.3.6.1.2.1.172.1.4.1.5) | read-only | Current | Size list: 1: 0..128 |
| pimBsrElectedBSRExpiryTime  (1.3.6.1.2.1.172.1.4.1.6) | read-only | Current | As per MIB |

# PIM-STD-MIB

The PIM-STD-MIB module for management of PIM routers.

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimKeepalivePeriod  (1.3.6.1.2.1.157.1.14) | read-write | Current | Only support IPv4.  Size list: 1: 0..65535  Write this object may create PIM view first. |
| pimRegisterSuppressionTime  (1.3.6.1.2.1.157.1.15) | read-write | Current | Only support IPv4.  Size list: 1: 1..65535  Write this object may create PIM view first. |
| pimStarGEntries  (1.3.6.1.2.1.157.1.16) | read-only | Current | As per MIB |
| pimStarGIEntries  (1.3.6.1.2.1.157.1.17) | read-only | Current | As per MIB |
| pimSGEntries  (1.3.6.1.2.1.157.1.18) | read-only | Current | As per MIB |
| pimSGIEntries  (1.3.6.1.2.1.157.1.19) | read-only | Current | As per MIB |
| pimSGRptEntries  (1.3.6.1.2.1.157.1.20) | read-only | Current | As per MIB |
| pimSGRptIEntries  (1.3.6.1.2.1.157.1.21) | read-only | Current | As per MIB |
| pimOutAsserts  (1.3.6.1.2.1.157.1.22) | read-only | Current | As per MIB |
| pimInAsserts  (1.3.6.1.2.1.157.1.23) | read-only | Current | As per MIB |
| pimLastAssertInterface  (1.3.6.1.2.1.157.1.24) | read-only | Current | As per MIB |
| pimLastAssertGroupAddressType  (1.3.6.1.2.1.157.1.25) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimLastAssertGroupAddress  (1.3.6.1.2.1.157.1.26) | read-only | Current | As per MIB |
| pimLastAssertSourceAddressType  (1.3.6.1.2.1.157.1.27) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimLastAssertSourceAddress  (1.3.6.1.2.1.157.1.28) | read-only | Current | As per MIB |
| pimNeighborLossNotificationPeriod  (1.3.6.1.2.1.157.1.29) | read-write | Current | read-only  Only support:0 |
| pimNeighborLossCount  (1.3.6.1.2.1.157.1.30) | read-only | Current | As per MIB |
| pimInvalidRegisterNotificationPeriod  (1.3.6.1.2.1.157.1.31) | read-write | Current | read-only  Only support:65535 |
| pimInvalidRegisterMsgsRcvd  (1.3.6.1.2.1.157.1.32) | read-only | Current | As per MIB |
| pimInvalidRegisterAddressType  (1.3.6.1.2.1.157.1.33) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimInvalidRegisterOrigin  (1.3.6.1.2.1.157.1.34) | read-only | Current | As per MIB |
| pimInvalidRegisterGroup  (1.3.6.1.2.1.157.1.35) | read-only | Current | As per MIB |
| pimInvalidRegisterRp  (1.3.6.1.2.1.157.1.36) | read-only | Current | As per MIB |
| pimInvalidJoinPruneNotificationPeriod  (1.3.6.1.2.1.157.1.37) | read-write | Current | read-only  Only support:65535 |
| pimInvalidJoinPruneMsgsRcvd  (1.3.6.1.2.1.157.1.38) | read-only | Current | As per MIB |
| pimInvalidJoinPruneAddressType  (1.3.6.1.2.1.157.1.39) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimInvalidJoinPruneOrigin  (1.3.6.1.2.1.157.1.40) | read-only | Current | As per MIB |
| pimInvalidJoinPruneGroup  (1.3.6.1.2.1.157.1.41) | read-only | Current | As per MIB |
| pimInvalidJoinPruneRp  (1.3.6.1.2.1.157.1.42) | read-only | Current | As per MIB |
| pimRPMappingNotificationPeriod  (1.3.6.1.2.1.157.1.43) | read-write | Current | read-only  Only support:65535 |
| pimRPMappingChangeCount  (1.3.6.1.2.1.157.1.44) | read-only | Current | Not supported |
| pimInterfaceElectionNotificationPeriod  (1.3.6.1.2.1.157.1.45) | read-write | Current | read-only  Only support:65535 |
| pimInterfaceElectionWinCount  (1.3.6.1.2.1.157.1.46) | read-only | Current | As per MIB |
| pimRefreshInterval  (1.3.6.1.2.1.157.1.47) | read-write | Current | Only support IPv4.  Size list: 1: 1..255  Write this object may create PIM view first. |
| pimDeviceConfigStorageType  (1.3.6.1.2.1.157.1.48) | read-write | Current | read-only |

## pimInterfaceTable

**OID: 1.3.6.1.2.1.157.1.1**

This table only support public net and row exists only when the interface is running PIM sparse mode.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimInterfaceIfIndex  (1.3.6.1.2.1.157.1.1.1.1) | not-accessible | Current | As per MIB |
| pimInterfaceIPVersion  (1.3.6.1.2.1.157.1.1.1.2) | not-accessible | Current | As per MIB |
| PimInterfaceAddressType  (1.3.6.1.2.1.157.1.1.1.3) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| PimInterfaceAddress  (1.3.6.1.2.1.157.1.1.1.4) | read-only | Current | As per MIB |
| pimInterfaceGenerationIDValue  (1.3.6.1.2.1.157.1.1.1.5) | read-only | Current | “0” means invalid value. |
| pimInterfaceDR  (1.3.6.1.2.1.157.1.1.1.6) | read-only | Current | As per MIB |
| pimInterfaceDRPriority  (1.3.6.1.2.1.157.1.1.1.7) | read-create | Current | As per MIB |
| pimInterfaceDRPriorityEnabled  (1.3.6.1.2.1.157.1.1.1.8) | read-only | Current | As per MIB |
| pimInterfaceHelloInterval  (1.3.6.1.2.1.157.1.1.1.9) | read-create | Current | Size list: 1: 0..18000 |
| pimInterfaceTrigHelloInterval  (1.3.6.1.2.1.157.1.1.1.10) | read-create | Current | Size list: 1: 1..60 |
| pimInterfaceHelloHoldtime  (1.3.6.1.2.1.157.1.1.1.11) | read-create | Current | Size list: 1: 1..65535 |
| pimInterfaceJoinPruneInterval  (1.3.6.1.2.1.157.1.1.1.12) | read-create | Current | Size list: 1: 0..18000 |
| pimInterfaceJoinPruneHoldtime  (1.3.6.1.2.1.157.1.1.1.13) | read-create | Current | Size list: 1: 1..65535 |
| pimInterfaceDFElectionRobustness  (1.3.6.1.2.1.157.1.1.1.14) | read-create | Current | read-only  Only support: 3 |
| pimInterfaceLanDelayEnabled  (1.3.6.1.2.1.157.1.1.1.15) | read-only | Current | As per MIB |
| pimInterfacePropagationDelay  (1.3.6.1.2.1.157.1.1.1.16) | read-create | Current | Size list: 1: 1..32767 |
| pimInterfaceOverrideInterval  (1.3.6.1.2.1.157.1.1.1.17) | read-create | Current | Size list: 1: 1..65535 |
| pimInterfaceEffectPropagDelay  (1.3.6.1.2.1.157.1.1.1.18) | read-only | Current | As per MIB |
| pimInterfaceEffectOverrideIvl  (1.3.6.1.2.1.157.1.1.1.19) | read-only | Current | As per MIB |
| pimInterfaceSuppressionEnabled  (1.3.6.1.2.1.157.1.1.1.20) | read-only | Current | As per MIB |
| pimInterfaceBidirCapable  (1.3.6.1.2.1.157.1.1.1.21) | read-only | Current | As per MIB |
| pimInterfaceDomainBorder  (1.3.6.1.2.1.157.1.1.1.22) | read-create | Current | As per MIB |
| pimInterfaceStubInterface  (1.3.6.1.2.1.157.1.1.1.23) | read-create | Current | read-only  Always FALSE |
| pimInterfacePruneLimitInterval  (1.3.6.1.2.1.157.1.1.1.24) | read-create | Current | read-only  Size list: 1: 1..65535  Default values: 1: 210(int) |
| pimInterfaceGraftRetryInterval  (1.3.6.1.2.1.157.1.1.1.25) | read-create | Current | Size list: 1: 1..65535 |
| pimInterfaceSRPriorityEnabled  (1.3.6.1.2.1.157.1.1.1.26) | read-only | Current | As per MIB |
| pimInterfaceStatus  (1.3.6.1.2.1.157.1.1.1.27) | read-create | Current | Only support : active(1) createAndGo(4) destroy(6). “createAndGo(4)“means enable PIM SM on the interface, “destroy(6)”means disable PIM SM on the interface. |
| pimInterfaceStorageType  (1.3.6.1.2.1.157.1.1.1.28) | read-create | Current | read-only  Only support: other(1) |

## pimNeighborTable

**OID: 1.3.6.1.2.1.157.1.2**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimNeighborIfIndex  (1.3.6.1.2.1.157.1.2.1.1) | not-accessible | Current | As per MIB |
| pimNeighborAddressType  (1.3.6.1.2.1.157.1.2.1.2) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimNeighborAddress  (1.3.6.1.2.1.157.1.2.1.3) | not-accessible | Current | As per MIB |
| pimNeighborGenerationIDPresent  (1.3.6.1.2.1.157.1.2.1.4) | read-only | Current | As per MIB |
| pimNeighborGenerationIDValue  (1.3.6.1.2.1.157.1.2.1.5) | read-only | Current | As per MIB |
| pimNeighborUpTime  (1.3.6.1.2.1.157.1.2.1.6) | read-only | Current | As per MIB |
| pimNeighborExpiryTime  (1.3.6.1.2.1.157.1.2.1.7) | read-only | Current | As per MIB |
| pimNeighborDRPriorityPresent  (1.3.6.1.2.1.157.1.2.1.8) | read-only | Current | As per MIB |
| pimNeighborDRPriority  (1.3.6.1.2.1.157.1.2.1.9) | read-only | Current | As per MIB |
| pimNeighborLanPruneDelayPresent  (1.3.6.1.2.1.157.1.2.1.10) | read-only | Current | As per MIB |
| pimNeighborTBit  (1.3.6.1.2.1.157.1.2.1.11) | read-only | Current | As per MIB |
| pimNeighborPropagationDelay  (1.3.6.1.2.1.157.1.2.1.12) | read-only | Current | As per MIB |
| PimNeighborOverrideInterval  (1.3.6.1.2.1.157.1.2.1.13) | read-only | Current | As per MIB |
| pimNeighborBidirCapable  (1.3.6.1.2.1.157.1.2.1.14) | read-only | Current | As per MIB |
| pimNeighborSRCapable  (1.3.6.1.2.1.157.1.2.1.15) | read-only | Current | As per MIB |

## pimNbrSecAddressTable

**OID: 1.3.6.1.2.1.157.1.3**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimNbrSecAddressIfIndex  (1.3.6.1.2.1.157.1.3.1.1) | not-accessible | Current | As per MIB |
| pimNbrSecAddressType  (1.3.6.1.2.1.157.1.3.1.2) | not-accessible | Current | As per MIB |
| pimNbrSecAddressPrimary  (1.3.6.1.2.1.157.1.3.1.3) | not-accessible | Current | As per MIB |
| pimNbrSecAddress  (1.3.6.1.2.1.157.1.3.1.4) | read-only | Current | Only support:ipv6(2) |

## pimStarGTable

**OID: 1.3.6.1.2.1.157.1.4**

This table only support public net.

This table only exists in the PIM-SM specification.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimStarGAddressType  (1.3.6.1.2.1.157.1.4.1.1) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimStarGGrpAddress  (1.3.6.1.2.1.157.1.4.1.2) | not-accessible | Current | As per MIB |
| pimStarGUpTime  (1.3.6.1.2.1.157.1.4.1.3) | read-only | Current | As per MIB |
| pimStarGPimMode  (1.3.6.1.2.1.157.1.4.1.4) | read-only | Current | Only support: asm(3) bidir(4) |
| pimStarGRPAddressType  (1.3.6.1.2.1.157.1.4.1.5) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2)  This object is about current mapping rp, and it may be different from the rp being used. |
| pimStarGRPAddress  (1.3.6.1.2.1.157.1.4.1.6) | read-only | Current | This object is about current mapping rp, and it may be different from the rp being used. |
| pimStarGPimModeOrigin  (1.3.6.1.2.1.157.1.4.1.7) | read-only | Current | Only support: configRp(2) bsr(4) other(7) |
| pimStarGRPIsLocal  (1.3.6.1.2.1.157.1.4.1.8) | read-only | Current | As per MIB  This object is about current mapping rp, and it may be different from the rp being used. |
| pimStarGUpstreamJoinState  (1.3.6.1.2.1.157.1.4.1.9) | read-only | Current | As per MIB |
| pimStarGUpstreamJoinTimer  (1.3.6.1.2.1.157.1.4.1.10) | read-only | Current | As per MIB |
| pimStarGUpstreamNeighborType  (1.3.6.1.2.1.157.1.4.1.11) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimStarGUpstreamNeighbor  (1.3.6.1.2.1.157.1.4.1.12) | read-only | Current | As per MIB |
| PimStarGRPFIfIndex  (1.3.6.1.2.1.157.1.4.1.13) | read-only | Current | As per MIB |
| pimStarGRPFNextHopType  (1.3.6.1.2.1.157.1.4.1.14) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimStarGRPFNextHop  (1.3.6.1.2.1.157.1.4.1.15) | read-only | Current | As per MIB |
| pimStarGRPFRouteProtocol  (1.3.6.1.2.1.157.1.4.1.16) | read-only | Current | Only support: other(1) local(2) netmgmt(3) rip(8) isis(9) ospf(13) bgp(14) |
| pimStarGRPFRouteAddress  (1.3.6.1.2.1.157.1.4.1.17) | read-only | Current | As per MIB |
| pimStarGRPFRoutePrefixLength  (1.3.6.1.2.1.157.1.4.1.18) | read-only | Current | This object is always zero if pimStarGRPFIfIndex is zero. |
| pimStarGRPFRouteMetricPref  (1.3.6.1.2.1.157.1.4.1.19) | read-only | Current | This object is always 2147483647 if pimStarGRPFIfIndex is zero. |
| pimStarGRPFRouteMetric  (1.3.6.1.2.1.157.1.4.1.20) | read-only | Current | This object is always 4294967295 if pimStarGRPFIfIndex is zero. |

## pimStarGITable

**OID: 1.3.6.1.2.1.157.1.5**

This table only support public net.

This table only exists in the PIM-SM specification.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimStarGIIfIndex  (1.3.6.1.2.1.157.1.5.1.1) | not-accessible | Current | As per MIB |
| pimStarGIUpTime  (1.3.6.1.2.1.157.1.5.1.2) | read-only | Current | Not supported |
| pimStarGILocalMembership  (1.3.6.1.2.1.157.1.5.1.3) | read-only | Current | As per MIB |
| pimStarGIJoinPruneState  (1.3.6.1.2.1.157.1.5.1.4) | read-only | Current | As per MIB |
| pimStarGIPrunePendingTimer  (1.3.6.1.2.1.157.1.5.1.5) | read-only | Current | As per MIB |
| pimStarGIJoinExpiryTimer  (1.3.6.1.2.1.157.1.5.1.6) | read-only | Current | As per MIB |
| pimStarGIAssertState  (1.3.6.1.2.1.157.1.5.1.7) | read-only | Current | Not supported |
| pimStarGIAssertTimer  (1.3.6.1.2.1.157.1.5.1.8) | read-only | Current | Not supported |
| pimStarGIAssertWinnerAddressType  (1.3.6.1.2.1.157.1.5.1.9) | read-only | Current | Not supported |
| pimStarGIAssertWinnerAddress  (1.3.6.1.2.1.157.1.5.1.10) | read-only | Current | Not supported |
| pimStarGIAssertWinnerMetricPref  (1.3.6.1.2.1.157.1.5.1.11) | read-only | Current | Not supported |
| pimStarGIAssertWinnerMetric  (1.3.6.1.2.1.157.1.5.1.12) | read-only | Current | Not supported |

## pimSGTable

**OID: 1.3.6.1.2.1.157.1.6**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimSGAddressType  (1.3.6.1.2.1.157.1.6.1.1) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimSGGrpAddress  (1.3.6.1.2.1.157.1.6.1.2) | not-accessible | Current | As per MIB |
| pimSGSrcAddress  (1.3.6.1.2.1.157.1.6.1.3) | not-accessible | Current | As per MIB |
| pimSGUpTime  (1.3.6.1.2.1.157.1.6.1.4) | read-only | Current | As per MIB |
| pimSGPimMode  (1.3.6.1.2.1.157.1.6.1.5) | read-only | Current | Only support: ssm(2) asm(3) dm(5) |
| pimSGUpstreamJoinState  (1.3.6.1.2.1.157.1.6.1.6) | read-only | Current | This object is always joined(2) if not in the PIM-SM specification |
| pimSGUpstreamJoinTimer  (1.3.6.1.2.1.157.1.6.1.7) | read-only | Current | As per MIB |
| pimSGUpstreamNeighbor  (1.3.6.1.2.1.157.1.6.1.8) | read-only | Current | As per MIB |
| pimSGRPFIfIndex  (1.3.6.1.2.1.157.1.6.1.9) | read-only | Current | As per MIB |
| pimSGRPFNextHopType  (1.3.6.1.2.1.157.1.6.1.10) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimSGRPFNextHop  (1.3.6.1.2.1.157.1.6.1.11) | read-only | Current | As per MIB |
| pimSGRPFRouteProtocol  (1.3.6.1.2.1.157.1.6.1.12) | read-only | Current | Only support: other(1) local(2) netmgmt(3) rip(8) isis(9) ospf(13) bgp(14) |
| pimSGRPFRouteAddress  (1.3.6.1.2.1.157.1.6.1.13) | read-only | Current | As per MIB |
| pimSGRPFRoutePrefixLength  (1.3.6.1.2.1.157.1.6.1.14) | read-only | Current | This object is always zero if pimSGRPFIfIndex is zero. |
| pimSGRPFRouteMetricPref  (1.3.6.1.2.1.157.1.6.1.15) | read-only | Current | This object is always 2147483647 if pimSGRPFIfIndex is zero. |
| pimSGRPFRouteMetric  (1.3.6.1.2.1.157.1.6.1.16) | read-only | Current | This object is always 4294967295 if pimSGRPFIfIndex is zero. |
| pimSGSPTBit  (1.3.6.1.2.1.157.1.6.1.17) | read-only | Current | As per MIB |
| pimSGKeepaliveTimer  (1.3.6.1.2.1.157.1.6.1.18) | read-only | Current | This object is always zero if not in the PIM-SM specification. |
| pimSGDRRegisterState  (1.3.6.1.2.1.157.1.6.1.19) | read-only | Current | As per MIB |
| pimSGDRRegisterStopTimer  (1.3.6.1.2.1.157.1.6.1.20) | read-only | Current | As per MIB |
| pimSGRPRegisterPMBRAddressType  (1.3.6.1.2.1.157.1.6.1.21) | read-only | Current | Not supported |
| pimSGRPRegisterPMBRAddress  (1.3.6.1.2.1.157.1.6.1.22) | read-only | Current | Not supported |
| pimSGUpstreamPruneState  (1.3.6.1.2.1.157.1.6.1.23) | read-only | Current | This object is always forwarding(1) if not in the PIM-DM specification |
| pimSGUpstreamPruneLimitTimer  (1.3.6.1.2.1.157.1.6.1.24) | read-only | Current | As per MIB |
| pimSGOriginatorState  (1.3.6.1.2.1.157.1.6.1.25) | read-only | Current | As per MIB |
| pimSGSourceActiveTimer  (1.3.6.1.2.1.157.1.6.1.26) | read-only | Current | As per MIB |
| pimSGStateRefreshTimer  (1.3.6.1.2.1.157.1.6.1.27) | read-only | Current | As per MIB |

## pimSGITable

**OID: 1.3.6.1.2.1.157.1.7**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| PimSGIIfIndex  (1.3.6.1.2.1.157.1.7.1.1) | not-accessible | Current | As per MIB |
| pimSGIUpTime  (1.3.6.1.2.1.157.1.7.1.2) | read-only | Current | Not supported |
| pimSGILocalMembership  (1.3.6.1.2.1.157.1.7.1.3) | read-only | Current | As per MIB |
| PimSGIJoinPruneState  (1.3.6.1.2.1.157.1.7.1.4) | read-only | Current | The value ”noInfo(1)” means “pruned”, “join(2)” means “noinfo” in the PIM-DM specification. |
| pimSGIPrunePendingTimer  (1.3.6.1.2.1.157.1.7.1.5) | read-only | Current | This timer exists in PIM-SM, PIM-DM, PIM-SSM specifications. |
| pimSGIJoinExpiryTimer  (1.3.6.1.2.1.157.1.7.1.6) | read-only | Current | This timer exists in PIM-SM, PIM-DM, PIM-SSM specifications. |
| pimSGIAssertState  (1.3.6.1.2.1.157.1.7.1.7) | read-only | Current | This state exists in PIM-SM, PIM-DM, PIM-SSM specifications. |
| pimSGIAssertTimer  (1.3.6.1.2.1.157.1.7.1.8) | read-only | Current | This timer exists in PIM-SM, PIM-DM, PIM-SSM specifications. |
| PimSGIAssertWinnerAddressType  (1.3.6.1.2.1.157.1.7.1.9) | read-only | Current | As per MIB |
| pimSGIAssertWinnerAddress  (1.3.6.1.2.1.157.1.7.1.10) | read-only | Current | As per MIB |
| pimSGIAssertWinnerMetricPref  (1.3.6.1.2.1.157.1.7.1.11) | read-only | Current | As per MIB |
| pimSGIAssertWinnerMetric  (1.3.6.1.2.1.157.1.7.1.12) | read-only | Current | As per MIB |

## pimSGRptTable

**OID: 1.3.6.1.2.1.157.1.8**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimSGRptSrcAddress  (1.3.6.1.2.1.157.1.8.1.1) | not-accessible | Current | As per MIB |
| pimSGRptUpTime  (1.3.6.1.2.1.157.1.8.1.2) | read-only | Current | As per MIB |
| pimSGRptUpstreamPruneState  (1.3.6.1.2.1.157.1.8.1.3) | read-only | Current | As per MIB |
| pimSGRptUpstreamOverrideTimer  (1.3.6.1.2.1.157.1.8.1.4) | read-only | Current | As per MIB |

## pimSGRptITable

**OID: 1.3.6.1.2.1.157.1.9**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimSGRptIIfIndex  (1.3.6.1.2.1.157.1.9.1.1) | not-accessible | Current | As per MIB |
| pimSGRptIUpTime  (1.3.6.1.2.1.157.1.9.1.2) | read-only | Current | Not supported |
| pimSGRptILocalMembership  (1.3.6.1.2.1.157.1.9.1.3) | read-only | Current | As per MIB |
| pimSGRptIJoinPruneState  (1.3.6.1.2.1.157.1.9.1.4) | read-only | Current | As per MIB |
| pimSGRptIPrunePendingTimer  (1.3.6.1.2.1.157.1.9.1.5) | read-only | Current | As per MIB |
| pimSGRptIPruneExpiryTimer  (1.3.6.1.2.1.157.1.9.1.6) | read-only | Current | As per MIB |

## pimBidirDFElectionEntry

**OID: 1.3.6.1.2.1.157.1.10.1**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimBidirDFElectionAddressType  (1.3.6.1.2.1.157.1.10.1.1) | not-accessible | Current | As per MIB |
| pimBidirDFElectionRPAddress  (1.3.6.1.2.1.157.1.10.1.2) | not-accessible | Current | As per MIB |
| pimBidirDFElectionIfIndex  (1.3.6.1.2.1.157.1.10.1.3) | not-accessible | Current | As per MIB |
| pimBidirDFElectionWinnerAddressType  (1.3.6.1.2.1.157.1.10.1.4) | read-only | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimBidirDFElectionWinnerAddress  (1.3.6.1.2.1.157.1.10.1.5) | read-only | Current | As per MIB |
| pimBidirDFElectionWinnerUpTime  (1.3.6.1.2.1.157.1.10.1.6) | read-only | Current | As per MIB |
| pimBidirDFElectionWinnerMetricPref  (1.3.6.1.2.1.157.1.10.1.7) | read-only | Current | As per MIB |
| pimBidirDFElectionWinnerMetric  (1.3.6.1.2.1.157.1.10.1.8) | read-only | Current | As per MIB |
| pimBidirDFElectionState  (1.3.6.1.2.1.157.1.10.1.9) | read-only | Current | As per MIB |
| pimBidirDFElectionStateTimer  (1.3.6.1.2.1.157.1.10.1.10) | read-only | Current | As per MIB |

## pimStaticRPEntry

**OID: 1.3.6.1.2.1.157.1.11.1**

This table only support public net and don’t support static-rp configuration with ACL configured by command line.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimStaticRPAddressType  (1.3.6.1.2.1.157.1.11.1.1) | not-accessible | Current | As per MIB |
| pimStaticRPGrpAddress  (1.3.6.1.2.1.157.1.11.1.2) | not-accessible | Current | Only support :224.0.0.0/4(ipv4)　FF::/8(ipv6) |
| pimStaticRPGrpPrefixLength  (1.3.6.1.2.1.157.1.11.1.3) | not-accessible | Current | Only support:4(ipv4) 8(ipv6) |
| pimStaticRPRPAddress  (1.3.6.1.2.1.157.1.11.1.4) | read-create | Current | As per MIB |
| pimStaticRPPimMode  (1.3.6.1.2.1.157.1.11.1.5) | read-create | Current | Only support:asm(3) bidir(4) |
| pimStaticRPOverrideDynamic  (1.3.6.1.2.1.157.1.11.1.6) | read-create | Current | As per MIB |
| pimStaticRPPrecedence  (1.3.6.1.2.1.157.1.11.1.7) | read-create | Current | read-only  Always 1342177280 |
| pimStaticRPRowStatus  (1.3.6.1.2.1.157.1.11.1.8) | read-create | Current | Only support : active(1) createAndGo(4) destroy(6). |
| pimStaticRPStorageType  (1.3.6.1.2.1.157.1.11.1.9) | read-create | Current | read-only  Only support: other(1) |

## pimGroupMappingTable

**OID: 1.3.6.1.2.1.157.1.13**

This table only support public net.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pimGroupMappingOrigin  (1.3.6.1.2.1.157.1.13.1.1) | not-accessible | Current | Only support BSR、SRP、SSM |
| pimGroupMappingAddressType  (1.3.6.1.2.1.157.1.13.1.2) | not-accessible | Current | Only support: ipv4(1) ipv6(2) |
| pimGroupMappingGrpAddress  (1.3.6.1.2.1.157.1.13.1.3) | not-accessible | Current | As per MIB |
| pimGroupMappingGrpPrefixLength  (1.3.6.1.2.1.157.1.13.1.4) | not-accessible | Current | As per MIB |
| pimGroupMappingRPAddressType  (1.3.6.1.2.1.157.1.13.1.5) | not-accessible | Current | Only support: unknown(0) ipv4(1) ipv6(2) |
| pimGroupMappingRPAddress  (1.3.6.1.2.1.157.1.13.1.6) | not-accessible | Current | As per MIB |
| pimGroupMappingPimMode  (1.3.6.1.2.1.157.1.13.1.7) | read-only | Current | Only support asm ssm bidir |
| pimGroupMappingPrecedence  (1.3.6.1.2.1.157.1.13.1.8) | read-only | Current | When pimGroupMappingOrigin is “bsr(4)”, this object is (0x30000000 + rp priority).  When pimGroupMappingOrigin is  “configRp (2)”, this object is (0x50000000).  When pimGroupMappingOrigin is “configSsm (3)”, this object is  (0x00000000). |

# POWER-ETHERNET-MIB

This MIB is used to manage and describe PoE module

## pethPsePortTable

**OID: 1.3.6.1.2.1.105.1.1Name**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pethPsePortGroupIndex (1.3.6.1.2.1.105.1.1.1.1) | not-accessible | No | As per MIB |
| pethPsePortIndex (1.3.6.1.2.1.105.1.1.1.2) | not-accessible | No | As per MIB |
| pethPsePortAdminEnable (1.3.6.1.2.1.105.1.1.1.3) | read-write | Current | As per MIB |
| pethPsePortPowerPairsControlAbility (1.3.6.1.2.1.105.1.1.1.4) | read-only | No | As per MIB |
| pethPsePortPowerPairs (1.3.6.1.2.1.105.1.1.1.5) | read-only | Current | As per MIB |
| pethPsePortDetectionStatus (1.3.6.1.2.1.105.1.1.1.6) | read-only | No | As per MIB |
| pethPsePortPowerPriority (1.3.6.1.2.1.105.1.1.1.7) | read-write | Current | As per MIB |
| pethPsePortMPSAbsentCounter (1.3.6.1.2.1.105.1.1.1.8) | read-only | No | As per MIB |
| pethPsePortType (1.3.6.1.2.1.105.1.1.1.9) | read-write | Current | As per MIB |
| pethPsePortPowerClassifications (1.3.6.1.2.1.105.1.1.1.10) | read-only | No | As per MIB |
| pethPsePortInvalidSignatureCounter (1.3.6.1.2.1.105.1.1.1.11) | read-only | No | As per MIB |
| pethPsePortPowerDeniedCounter (1.3.6.1.2.1.105.1.1.1.12) | read-only | No | As per MIB |
| pethPsePortOverLoadCounter (1.3.6.1.2.1.105.1.1.1.13) | read-only | No | As per MIB |
| pethPsePortShortCounter (1.3.6.1.2.1.105.1.1.1.14) | read-only | No | As per MIB |

## pethMainPseTable

**OID: 1.3.6.1.2.1.105.1.1**

This table is not supported in MDC.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pethMainPseGroupIndex (1.3.6.1.2.1.105.1.3.1.1.1) | not-accessible | No | As per MIB |
| pethMainPsePower (1.3.6.1.2.1.105.1.3.1.1.2) | read-only | No | As per MIB |
| pethMainPseOperStatus (1.3.6.1.2.1.105.1.3.1.1.3) | read-only | No | As per MIB |
| pethMainPseConsumptionPower (1.3.6.1.2.1.105.1.3.1.1.4) | read-only | No | As per MIB |
| pethMainPseUsageThreshold (1.3.6.1.2.1.105.1.3.1.1.5) | read-write | Current | As per MIB |

## pethNotificationControlTable

**OID: 1.3.6.1.2.1.105.1.1**

This table is not supported in MDC.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pethNotificationControlGroupIndex (1.3.6.1.2.1.105.1.4.1.1.1) | not-accessible | No | As per MIB |
| pethNotificationControlEnable (1.3.6.1.2.1.105.1.4.1.1.2) | read-write | No | As per MIB |

# PPP-IP-NCP-MIB

The PPP-IP-NCP-MIB is used to get the information from the local PPP entity which contains the IP parameters, statistics for the local PPP entity and configuration of the IPCP. Point-to-Point Protocol (PPP) is a point-to-point link layer protocol. It provides user authentication, supports synchronous/asynchronous communication, and allows for easy extension. If a network layer protocol is configured, the PPP link enters the Network-Layer Protocol phase for NCP negotiation, such as IPCP negotiation. If the NCP negotiation succeeds, the link goes up and becomes ready to carry negotiated network-layer protocol packets. If the NCP negotiation fails, NCP reports a Down event and enters the Link Termination phase. If the interface is configured with an IP address, the IPCP negotiation is performed. IPCP configuration options include IP addresses and DNS server IP addresses. After the IPCP negotiation succeeds, the link can carry IP packets.

## pppIpTable

**OID: 1.3.6.1.2.1.10.23.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppIpOperStatus (1.3.6.1.2.1.10.23.3.1.1.1) | read-only | Current | As per MIB |
| pppIpLocalToRemoteCompressionProtocol (1.3.6.1.2.1.10.23.3.1.1.2) | read-only | No | Not supported vj-tcp header compression, the value is always 1. |
| pppIpRemoteToLocalCompressionProtocol (1.3.6.1.2.1.10.23.3.1.1.3) | read-only | No | Not supported vj-tcp header compression, the value is always 1. |
| pppIpRemoteMaxSlotId (1.3.6.1.2.1.10.23.3.1.1.4) | read-only | No | Not supported vj-tcp header compression, the value is always 0. |
| pppIpLocalMaxSlotId (1.3.6.1.2.1.10.23.3.1.1.5) | read-only | No | Not supported vj-tcp header compression, the value is always 0. |

## pppIpConfigTable

**OID: 1.3.6.1.2.1.10.23.3.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppIpConfigAdminStatus (1.3.6.1.2.1.10.23.3.2.1.1) | read-only | No | As per MIB |
| pppIpConfigCompression (1.3.6.1.2.1.10.23.3.2.1..2) | read-only | No | Not supported vj-tcp header compression, the value is always 1. |

# PPP-LCP-MIB

The PPP-LCP-MIB is used to get the information from the local PPP entity which contains PPP-Link specific variables and the LCP configuration parameters. Point-to-Point Protocol (PPP) is a point-to-point link layer protocol. It provides user authentication, supports synchronous/asynchronous communication, and allows for easy extension. In the Link Establishment phase, the LCP negotiation is performed. The LCP configuration options include Authentication-Protocol, Async-Control-Character-Map (ACCM), Magic-Number and Maximum-Receive-Unit (MRU). If the negotiation fails, LCP reports a Fail event, and PPP returns to the Dead phase. If the negotiation succeeds, LCP enters the Opened state and reports an Up event, indicating that the underlying layer link has been established. (At this time, the PPP link is not established for the network layer, and network layer packets cannot be transmitted over the link.)

## pppLinkStatusTable

**OID: 1.3.6.1.2.1.10.23.1.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppLinkStatusPhysicalIndex (1.3.6.1.2.1.10.23.1.1.1.1.1) | read-only | Current | As per MIB |
| pppLinkStatusBadAddresses (1.3.6.1.2.1.10.23.1.1.1.1.2) | read-only | No | As per MIB |
| pppLinkStatusBadControls (1.3.6.1.2.1.10.23.1.1.1.1.3) | read-only | No | As per MIB |
| pppLinkStatusPacketTooLongs (1.3.6.1.2.1.10.23.1.1.1.1.4) | read-only | No | As per MIB |
| pppLinkStatusBadFCSs (1.3.6.1.2.1.10.23.1.1.1.1.5) | read-only | No | Not supported |
| pppLinkStatusLocalMRU (1.3.6.1.2.1.10.23.1.1.1.1.6) | read-only | No | If the link status of the interface is down, the value is always 255. |
| pppLinkStatusRemoteMRU (1.3.6.1.2.1.10.23.1.1.1.1.7) | read-only | No | If the link status of the interface is down, the value is always 255, otherwise if there is no need to negotiate about MRU, the value is always 1500 |
| pppLinkStatusLocalToPeerACCMap (1.3.6.1.2.1.10.23.1.1.1.1.8) | read-only | No | If the link status of the interface is down, the value is always 0xffffffff. |
| pppLinkStatusPeerToLocalACCMap (1.3.6.1.2.1.10.23.1.1.1.1.9) | read-only | No | If the link status of the interface is down or there is no need to negotiate about ACCM, the value is always 0xffffffff. |
| pppLinkStatusLocalToRemoteProtoComp (1.3.6.1.2.1.10.23.1.1.1.1.10) | read-only | No | As per MIB |
| pppLinkStatusRemoteToLocalProtoComp (1.3.6.1.2.1.10.23.1.1.1.1.11) | read-only | No | As per MIB |
| pppLinkStatusLocalToRemoteACCompression (1.3.6.1.2.1.10.23.1.1.1.1.12) | read-only | No | As per MIB |
| pppLinkStatusRemoteToLocalACCompression (1.3.6.1.2.1.10.23.1.1.1.1.13) | read-only | No | As per MIB |
| pppLinkStatusTransmitFcsSize (1.3.6.1.2.1.10.23.1.1.1.1.14) | read-only | No | If the link status of the interface is down or the packet is not need to be soft convert, the value is always 0. |
| pppLinkStatusReceiveFcsSize (1.3.6.1.2.1.10.23.1.1.1.1.15) | read-only | No | If the link status of the interface is down or the packet is not need to be soft convert, the value is always 0. |

## pppLinkConfigTable

**OID: 1.3.6.1.2.1.10.23.1.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppLinkConfigInitialMRU (1.3.6.1.2.1.10.23.1.1.2.1.1) | read-write | No | Only support read |
| pppLinkConfigReceiveACCMap (1.3.6.1.2.1.10.23.1.1.2.1.2) | read-write | No | Only support read. The Value is always 0xffffffff. |
| pppLinkConfigTransmitACCMap (1.3.6.1.2.1.10.23.1.1.2.1.3) | read-write | No | Only support read |
| pppLinkConfigMagicNumber (1.3.6.1.2.1.10.23.1.1.2.1.4) | read-write | No | Only support read |
| pppLinkConfigFcsSize (1.3.6.1.2.1.10.23.1.1.2.1.5) | read-write | No | Only support read. The value is always 0. |

## pppLqrTable

**OID: 1.3.6.1.2.1.10.23.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppLqrQuality (1.3.6.1.2.1.10.23.1.2.1.1.1) | read-only | No | As per MIB |
| pppLqrlnGoodOctets (1.3.6.1.2.1.10.23.1.2.1.1.2) | read-only | No | As per MIB. |
| pppLqrLocalPeriod (1.3.6.1.2.1.10.23.1.2.1.1.3) | read-only | No | As per MIB |
| pppLqrRemotePeriod (1.3.6.1.2.1.10.23.1.2.1.1.4) | read-only | No | As per MIB |
| pppLqrOutQRs (1.3.6.1.2.1.10.23.1.2.1.1.5) | read-only | No | As per MIB |
| pppLqrlnLQRs  (1.3.6.1.2.1.10.23.1.2.1.1.6) | read-only | No | As per MIB |

## pppLqrConfigTable

**OID: 1.3.6.1.2.1.10.23.1.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppLqrConfigPeriod (1.3.6.1.2.1.10.23.1.2.2.1.1) | read-write | No | Max value is 3276700 and the value cannot be set to 0 in MIB. If 0 is set from CLI for this node, MIB reads the value as 2147483647. |
| pppLqrConfigStatus (1.3.6.1.2.1.10.23.1.2.2.1.2) | read-write | No | Only support read |

## pppLqrExtnsTable

**OID: 1.3.6.1.2.1.10.23.1.2.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pppLqrExtnsLastReceivedLqrPacket (1.3.6.1.2.1.10.23.1.2.3.1.1) | read-only | No | As per MIB |

# PW-ENET-STD-MIB

This MIB is used to describe the Ethernet PW information. Only support for VPWS.

## pwEnetTable

**OID: 1.3.6.1.2.1.180.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwEnetPwInstance (1.3.6.1.2.1.180.1.1.1.1) | not-accessible | Current | As per MIB |
| pwEnetPwVlan (1.3.6.1.2.1.180.1.1.1.2) | read-create | Current | As per MIB |
| pwEnetVlanMode (1.3.6.1.2.1.180.1.1.1.3) | read-create | Current | As per MIB |
| pwEnetPortVlan (1.3.6.1.2.1.180.1.1.1.4) | read-create | Current | As per MIB |
| pwEnetPortIfIndex (1.3.6.1.2.1.180.1.1.1.5) | read-create | Current | As per MIB |
| pwEnetPwIfIndex (1.3.6.1.2.1.180.1.1.1.6) | read-create | Current | Not supported |
| pwEnetRowStatus (1.3.6.1.2.1.180.1.1.1.7) | read-create | Current | Only support active(1)，createAndGo(4)，destroy(6) |
| pwEnetStorageType (1.3.6.1.2.1.180.1.1.1.8) | read-create | Current | Only support read operation.The value is always nonVolatile(3). |

Notes: See the following matrix for value combinations of pwEnetPortVlan, pwType (in PW-STD-MIB pwTable), pwEnetVlanMode, and pwEnetPwVlan.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Ethernet service instance | | | | | | |
| encapsulation | AC access mode | pwType | pwEnetPortVlan | pwEnetVlanMode | pwEnetPwVlan |  |
| default | tagged | ethernet | ethernet | 4095 | portBased | 4095 | For set operation, only support default encapsulation |
| default | tagged | ethernet | ethernetTagged | 4095 | addVlan | 0 or requested VLAN | For set operation, only support default encapsulation |
| default | tagged | vlan | ethernet | 4095 | removeVlan | 0 | For set operation, only support default encapsulation |
| default | tagged | vlan | ethernetTagged | 4095 | noChange or changeVlan | 4095 or requested VLAN | For set operation, only support default encapsulation |
| untagged | ethernet | ethernet | 0 | nochange | 0 |  |
| untagged | ethernet | ethernetTagged | 0 | addVlan | 0 or requested VLAN |  |
| untagged | vlan | ethernet | 0 | nochange | 0 | Only support read operation |
| untagged | vlan | ethernetTagged | 0 | addVlan | 0 or requested VLAN | Only support read operation |
| s-vid [only-tagged] | ethernet | ethernet | s-vid | noChange | s-vid | For set operation, only support s-vid encapsulation |
| s-vid [only-tagged] | ethernet | ethernetTagged | s-vid | addVlan | 0 or requested VLAN | For set operation, only support s-vid encapsulation |
| s-vid [only-tagged] | vlan | ethernet | s-vid | removeVlan | 0 | For set operation, only support s-vid encapsulation |
| s-vid [only-tagged] | vlan | ethernetTagged | s-vid | noChange or changeVlan | s-vid or requested VLAN | For set operation, only support s-vid encapsulation |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| L3 interface | | | | | |
| interface type | AC access mode | pwType | pwEnetPortVlan | pwEnetVlanMode | pwEnetPwVlan |
| main | ethernet | ethernet | 4095 | portBased | 4095 |
| main | ethernet | ethernetTagged | 4095 | addVlan | 0 or requested VLAN |
| sub | vlan | ethernet | vlan dot1q | removeVlan | 4095 |
| sub | vlan | ethernetTagged | vlan dot1q | changeVlan | requested VLAN |
| sub | vlan | ethernetTagged | vlan dot1q | noChange | vlan dot1q |
| vlan | vlan | ethernet | vlan ID | removeVlan | 4095 |
| vlan | vlan | ethernetTagged | vlan ID | changeVlan | requested VLAN |
| vlan | vlan | ethernetTagged | vlan ID | noChange | vlan ID |

# PW-MPLS-STD-MIB

This MIB is used to describe pw created for mpls public information

## pwMplsTable

**OID: 1.3.6.1.2.1.181.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwMplsMplsType (1.3.6.1.2.1.181.1.1.1.1) | read-write | Current | Only support read operation |
| pwMplsExpBitsMode (1.3.6.1.2.1.181.1.1.1.2) | read-write | Current | Not supported |
| pwMplsExpBits (1.3.6.1.2.1.181.1.1.1.3) | read-write | Current | Not supported |
| pwMplsTtl (1.3.6.1.2.1.181.1.1.1.4) | read-write | Current | Not supported |
| pwMplsLocalLdpID (1.3.6.1.2.1.181.1.1.1.5) | read-write | Current | Only support read operation |
| pwMplsLocalLdpEntityIndex (1.3.6.1.2.1.181.1.1.1.6) | read-write | Current | Not supported |
| pwMplsPeerLdpID (1.3.6.1.2.1.181.1.1.1.7) | read-only | Current | Not supported |
| pwMplsStorageType (1.3.6.1.2.1.181.1.1.1.8) | read-write | Current | Only support read operation.  The value is always Volatile(2) |

## pwMplsOutboundTable

**OID: 1.3.6.1.2.1.181.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwMplsOutboundLsrXcIndex (1.3.6.1.2.1.181.1.2.1.1) | read-write | Current | Only support read operation |
| pwMplsOutboundTunnelIndex (1.3.6.1.2.1.181.1.2.1.2) | read-write | Current | Only support read operation |
| pwMplsOutboundTunnelInstance (1.3.6.1.2.1.181.1.2.1.3) | read-only | Current | As per MIB |
| pwMplsOutboundTunnelLclLSR (1.3.6.1.2.1.181.1.2.1.4) | read-write | Current | Only support read operation |
| pwMplsOutboundTunnelPeerLSR (1.3.6.1.2.1.181.1.2.1.5) | read-write | Current | Only support read operation |
| pwMplsOutboundIfIndex (1.3.6.1.2.1.181.1.2.1.6) | read-write | Current | Only support read operation |
| pwMplsOutboundTunnelTypeInUse (1.3.6.1.2.1.181.1.2.1.7) | read-only | Current | As per MIB |

# PW-STD-MIB

The PW-STD-MIB is used to describe the standard information of a pw.

## scalar objects of pwObjects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwIndexNext (1.3.6.1.2.1.10.246.1.1) | read-only | No | As per MIB |
| pwPerfTotalErrorPackets (1.3.6.1.2.1.10.246.1.6) | read-only | No | Not supported |
| pwUpDownNotifEnable (1.3.6.1.2.1.10.246.1.9) | read-write | Current | As per MIB |
| pwDeletedNotifEnable (1.3.6.1.2.1.10.246.1.10) | read-write | Current | As per MIB |
| pwNotifRate (1.3.6.1.2.1.10.246.1.11) | read-write | Current | Not supported |

## pwTable

**OID: 1.3.6.1.2.1.10.246.1.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwIndex (1.3.6.1.2.1.10.246.1.2.1.1) | not-accessible | Current | As per MIB |
| pwType (1.3.6.1.2.1.10.246.1.2.1.2) | read-create | Current | For set operation, only support ethernetTagged(4), ethernet(5) |
| pwOwner (1.3.6.1.2.1.10.246.1.2.1.3) | read-create | Current | For set operation, only support manual(1), pwIdFecSignaling(2) and genFecSignaling(3) |
| pwPsnType (1.3.6.1.2.1.10.246.1.2.1.4) | read-create | Current | Only support read operation. The vaule is mpls(1), mplsOverGre (5) or other (6) |
| pwSetUpPriority (1.3.6.1.2.1.10.246.1.2.1.5) | read-create | Current | Not supported |
| pwHoldingPriority (1.3.6.1.2.1.10.246.1.2.1.6) | read-create | Current | Not supported |
| pwPeerAddrType (1.3.6.1.2.1.10.246.1.2.1.7) | read-create | Current | Only support ipv4(1) |
| pwPeerAddr (1.3.6.1.2.1.10.246.1.2.1.8) | read-create | Current | Only support ipv4 address |
| pwAttachedPwIndex (1.3.6.1.2.1.10.246.1.2.1.9) | read-create | Current | Only support read operation |
| pwIfIndex (1.3.6.1.2.1.10.246.1.2.1.10) | read-create | Current | Only support read operation |
| pwID (1.3.6.1.2.1.10.246.1.2.1.11) | read-create | Current | As per MIB |
| pwLocalGroupID (1.3.6.1.2.1.10.246.1.2.1.12) | read-create | Current | Only support read operation.  The value is always 0. |
| pwGroupAttachmentID (1.3.6.1.2.1.10.246.1.2.1.13) | read-create | Current | Only support read operation |
| pwLocalAttachmentID (1.3.6.1.2.1.10.246.1.2.1.14) | read-create | Current | Only support read operation |
| pwRemoteAttachmentID (1.3.6.1.2.1.10.246.1.2.1.15) | read-create | Current | Only support read operation |
| pwCwPreference (1.3.6.1.2.1.10.246.1.2.1.16) | read-create | Current | As per MIB |
| pwLocalIfMtu (1.3.6.1.2.1.10.246.1.2.1.17) | read-create | Current | This node only supports set operation for VPWS. When setting this node for VPLS, the operation is ignored.  Range from 300 to 65535 |
| pwLocalIfString (1.3.6.1.2.1.10.246.1.2.1.18) | read-create | Current | Not supported |
| pwLocalCapabAdvert (1.3.6.1.2.1.10.246.1.2.1.19) | read-create | Current | For set operation, the object pwStatusIndication(0) must be selected. |
| pwRemoteGroupID (1.3.6.1.2.1.10.246.1.2.1.20) | read-only | Current | The value is always 0. |
| pwCwStatus (1.3.6.1.2.1.10.246.1.2.1.21) | read-only | Current | Only support cwPresent(5) and cwNotPresent(6). |
| pwRemoteIfMtu (1.3.6.1.2.1.10.246.1.2.1.22) | read-only | Current | As per MIB |
| pwRemoteIfString (1.3.6.1.2.1.10.246.1.2.1.23) | read-only | Current | Not supported |
| pwRemoteCapabilities (1.3.6.1.2.1.10.246.1.2.1.24) | read-only | Current | As per MIB |
| pwFragmentCfgSize (1.3.6.1.2.1.10.246.1.2.1.25) | read-create | Current | Not supported |
| pwRmtFragCapability (1.3.6.1.2.1.10.246.1.2.1.26) | read-only | Current | Not supported |
| pwFcsRetentionCfg (1.3.6.1.2.1.10.246.1.2.1.27) | read-create | Current | Not supported |
| pwFcsRetentionStatus (1.3.6.1.2.1.10.246.1.2.1.28) | read-only | Current | Not supported |
| pwOutboundLabel (1.3.6.1.2.1.10.246.1.2.1.29) | read-create | Current | For set operation,Range from 16 to 1023 |
| pwInboundLabel (1.3.6.1.2.1.10.246.1.2.1.30) | read-create | Current | For set operation,Range from 16 to 1023 |
| pwName (1.3.6.1.2.1.10.246.1.2.1.31) | read-create | Current | Not supported |
| pwDescr (1.3.6.1.2.1.10.246.1.2.1.32) | read-create | Current | Not supported |
| pwCreateTime (1.3.6.1.2.1.10.246.1.2.1.33) | read-only | Current | Not supported |
| pwUpTime (1.3.6.1.2.1.10.246.1.2.1.34) | read-only | Current | Not supported |
| pwLastChange (1.3.6.1.2.1.10.246.1.2.1.35) | read-only | Current | Not supported |
| pwAdminStatus (1.3.6.1.2.1.10.246.1.2.1.36) | read-create | Current | This node only supports set operation for VPWS. When setting this node for VPLS, the operation is ignored. |
| pwOperStatus (1.3.6.1.2.1.10.246.1.2.1.37) | read-only | Current | Only support up(1),down(2),dormant(4),notPresent(5) and lowerLayerDown(6) |
| pwLocalStatus (1.3.6.1.2.1.10.246.1.2.1.38) | read-only | Current | Only support zero and BITS{pwNotForwarding(0)} |
| pwRemoteStatusCapable (1.3.6.1.2.1.10.246.1.2.1.39) | read-only | Current | As per MIB |
| pwRemoteStatus (1.3.6.1.2.1.10.246.1.2.1.40) | read-only | Current | As per MIB |
| pwTimeElapsed (1.3.6.1.2.1.10.246.1.2.1.41) | read-only | Current | As per MIB |
| pwValidIntervals (1.3.6.1.2.1.10.246.1.2.1.42) | read-only | Current | Range from 0 to 4 |
| pwRowStatus (1.3.6.1.2.1.10.246.1.2.1.43) | read-create | Current | Only support active(1),notInService(2),createAndGo(4) and destroy(6) |
| pwStorageType (1.3.6.1.2.1.10.246.1.2.1.44) | read-create | Current | Only support read operation.  The value is always nonVolatile(3). |
| pwOamEnable (1.3.6.1.2.1.10.246.1.2.1.45) | read-create | Current | As per MIB |
| pwGenAGIType (1.3.6.1.2.1.10.246.1.2.1.46) | read-create | Current | Only support read operation |
| pwGenLocalAIIType (1.3.6.1.2.1.10.246.1.2.1.47) | read-create | Current | Only support read operation |
| pwGenRemoteAIIType (1.3.6.1.2.1.10.246.1.2.1.48) | read-create | Current | Only support read operation |

## pwPerfCurrentTable

**OID: 1.3.6.1.2.1.10.246.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwPerfCurrentInHCPackets (1.3.6.1.2.1.10.246.1.3.1.1) | read-only | No | As per MIB |
| pwPerfCurrentInHCBytes (1.3.6.1.2.1.10.246.1.3.1.2) | read-only | No | As per MIB |
| pwPerfCurrentOutHCPackets (1.3.6.1.2.1.10.246.1.3.1.3) | read-only | No | As per MIB |
| pwPerfCurrentOutHCBytes (1.3.6.1.2.1.10.246.1.3.1.4) | read-only | No | As per MIB |
| pwPerfCurrentInPackets (1.3.6.1.2.1.10.246.1.3.1.5) | read-only | No | As per MIB |
| pwPerfCurrentInBytes (1.3.6.1.2.1.10.246.1.3.1.6) | read-only | No | As per MIB |
| pwPerfCurrentOutPackets (1.3.6.1.2.1.10.246.1.3.1.7) | read-only | No | As per MIB |
| pwPerfCurrentOutBytes (1.3.6.1.2.1.10.246.1.3.1.8) | read-only | No | As per MIB |

## pwPerfIntervalTable

**OID: 1.3.6.1.2.1.10.246.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwPerfIntervalNumber (1.3.6.1.2.1.10.246.1.4.1.1) | not-accessible | No | As per MIB |
| pwPerfIntervalValidData (1.3.6.1.2.1.10.246.1.4.1.2) | read-only | No | As per MIB |
| pwPerfIntervalTimeElapsed (1.3.6.1.2.1.10.246.1.4.1.3) | read-only | No | As per MIB |
| pwPerfIntervalInHCPackets (1.3.6.1.2.1.10.246.1.4.1.4) | read-only | No | As per MIB |
| pwPerfIntervalInHCBytes (1.3.6.1.2.1.10.246.1.4.1.5) | read-only | No | As per MIB |
| pwPerfIntervalOutHCPackets (1.3.6.1.2.1.10.246.1.4.1.6) | read-only | No | As per MIB |
| pwPerfIntervalOutHCBytes (1.3.6.1.2.1.10.246.1.4.1.7) | read-only | No | As per MIB |
| pwPerfIntervalInPackets (1.3.6.1.2.1.10.246.1.4.1.8) | read-only | No | As per MIB |
| pwPerfIntervalInBytes (1.3.6.1.2.1.10.246.1.4.1.9) | read-only | No | As per MIB |
| pwPerfIntervalOutPackets (1.3.6.1.2.1.10.246.1.4.1.10) | read-only | No | As per MIB |
| pwPerfIntervalOutBytes (1.3.6.1.2.1.10.246.1.4.1.11) | read-only | No | As per MIB |

## pwPerf1DayIntervalTable

**OID: 1.3.6.1.2.1.10.246.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwPerf1DayIntervalNumber (1.3.6.1.2.1.10.246.1.5.1.1) | read-only | No | As per MIB |
| pwPerf1DayIntervalValidData (1.3.6.1.2.1.10.246.1.5.1.2) | read-only | No | As per MIB |
| pwPerf1DayIntervalTimeElapsed (1.3.6.1.2.1.10.246.1.5.1.3) | read-only | No | As per MIB |
| pwPerf1DayIntervalInHCPackets (1.3.6.1.2.1.10.246.1.5.1.4) | read-only | No | As per MIB |
| pwPerf1DayIntervalInHCBytes (1.3.6.1.2.1.10.246.1.5.1.5) | read-only | No | As per MIB |
| pwPerf1DayIntervalOutHCPackets (1.3.6.1.2.1.10.246.1.5.1.6) | read-only | No | As per MIB |
| pwPerf1DayIntervalOutHCBytes (1.3.6.1.2.1.10.246.1.3.5.7) | read-only | No | As per MIB |

## pwIndexMappingTable

**OID: 1.3.6.1.2.1.10.246.1.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwIndexMappingPwType (1.3.6.1.2.1.10.246.1.7.1.1) | not-accessible | Current | As per MIB |
| pwIndexMappingPwID (1.3.6.1.2.1.10.246.1.7.1.2) | not-accessible | Current | As per MIB |
| pwIndexMappingPeerAddrType (1.3.6.1.2.1.10.246.1.7.1.3) | not-accessible | Current | As per MIB |
| pwIndexMappingPeerAddr (1.3.6.1.2.1.10.246.1.7.1.4) | not-accessible | Current | As per MIB |
| pwIndexMappingPwIndex (1.3.6.1.2.1.10.246.1.7.1.5) | read-only | Current | As per MIB |

## pwPeerMappingTable

**OID: 1.3.6.1.2.1.10.246.1.8**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwPeerMappingPeerAddrType (1.3.6.1.2.1.10.246.1.8.1.1) | not-accessible | Current | As per MIB |
| pwPeerMappingPeerAddr (1.3.6.1.2.1.10.246.1.8.1.2) | not-accessible | Current | As per MIB |
| pwPeerMappingPwType (1.3.6.1.2.1.10.246.1.8.1.3) | not-accessible | Current | As per MIB |
| pwPeerMappingPwID (1.3.6.1.2.1.10.246.1.8.1.4) | not-accessible | Current | As per MIB |
| pwPeerMappingPwIndex (1.3.6.1.2.1.10.246.1.8.1.5) | read-only | Current | As per MIB |

## pwGenFecIndexMappingTable

**OID: 1.3.6.1.2.1.10.246.1.12**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| pwGenFecIndexMappingAGIType (1.3.6.1.2.1.10.246.1.12.1.1) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingAGI (1.3.6.1.2.1.10.246.1.12.1.2) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingLocalAIIType (1.3.6.1.2.1.10.246.1.12.1.3) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingLocalAII (1.3.6.1.2.1.10.246.1.12.1.4) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingRemoteAIIType (1.3.6.1.2.1.10.246.1.12.1.5) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingRemoteAII (1.3.6.1.2.1.10.246.1.12.1.6) | not-accessible | Current | As per MIB |
| pwGenFecIndexMappingPwIndex (1.3.6.1.2.1.10.246.1.12.1.7) | read-only | Current | As per MIB |

# RADIUS-ACC-CLIENT-MIB

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| radiusAccClientInvalidServerAddresses (1.3.6.1.2.1.67.2.2.1.1.1) | read-only | No | As per MIB |
| radiusAccClientIdentifier (1.3.6.1.2.1.67.2.2.1.1.2) | read-only | No | As per MIB |

## radiusAccServerTable

**OID: 1.3.6.1.2.1.67.2.2.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| radiusAccServerIndex (1.3.6.1.2.1.67.2.2.1.1.3.1.1) | not-accessible | No | As per MIB |
| radiusAccServerAddress (1.3.6.1.2.1.67.2.2.1.1.3.1.2) | read-only | Current | As per MIB |
| radiusAccClientServerPortNumber (1.3.6.1.2.1.67.2.2.1.1.3.1.3) | read-only | Current | As per MIB |
| radiusAccClientRoundTripTime (1.3.6.1.2.1.67.2.2.1.1.3.1.4) | read-only | No | As per MIB |
| radiusAccClientRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.5) | read-only | No | As per MIB |
| radiusAccClientRetransmissions (1.3.6.1.2.1.67.2.2.1.1.3.1.6) | read-only | No | As per MIB |
| radiusAccClientResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.7) | read-only | No | As per MIB |
| radiusAccClientMalformedResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.8) | read-only | No | As per MIB |
| radiusAccClientBadAuthenticators (1.3.6.1.2.1.67.2.2.1.1.3.1.9) | read-only | No | As per MIB |
| radiusAccClientPendingRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.10) | read-only | No | As per MIB |
| radiusAccClientTimeouts (1.3.6.1.2.1.67.2.2.1.1.3.1.11) | read-only | No | As per MIB |
| radiusAccClientUnknownTypes (1.3.6.1.2.1.67.2.2.1.1.3.1.12) | read-only | No | As per MIB |
| radiusAccClientPacketsDropped (1.3.6.1.2.1.67.2.2.1.1.3.1.13) | read-only | No | As per MIB |

# RADIUS-AUTH-CLIENT-MIB

## Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| radiusAuthClientInvalidServerAddresses (1.3.6.1.2.1.67.1.2.1.1.1) | read-only | No | As per MIB |
| radiusAuthClientIdentifier (1.3.6.1.2.1.67.1.2.1.1.2) | read-only | No | As per MIB |

## radiusAuthServerTable

**OID: 1.3.6.1.2.1.67.1.2.1.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| radiusAuthServerIndex (1.3.6.1.2.1.67.1.2.1.1.3.1.1) | not-accessible | No | As per MIB |
| radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2) | read-only | No | As per MIB |
| radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3) | read-only | No | As per MIB |
| radiusAuthClientRoundTripTime (1.3.6.1.2.1.67.1.2.1.1.3.1.4) | read-only | No | As per MIB |
| radiusAuthClientAccessRequests (1.3.6.1.2.1.67.1.2.1.1.3.1.5) | read-only | No | As per MIB |
| radiusAuthClientAccessRetransmissions (1.3.6.1.2.1.67.1.2.1.1.3.1.6) | read-only | No | As per MIB |
| radiusAuthClientAccessAccepts (1.3.6.1.2.1.67.1.2.1.1.3.1.7) | read-only | No | As per MIB |
| radiusAuthClientAccessRejects (1.3.6.1.2.1.67.1.2.1.1.3.1.8) | read-only | No | As per MIB |
| radiusAuthClientAccessChallenges (1.3.6.1.2.1.67.1.2.1.1.3.1.9) | read-only | No | As per MIB |
| radiusAuthClientMalformedAccessResponses (1.3.6.1.2.1.67.1.2.1.1.3.1.10) | read-only | No | As per MIB |
| radiusAuthClientBadAuthenticators (1.3.6.1.2.1.67.1.2.1.1.3.1.11) | read-only | No | As per MIB |
| radiusAuthClientPendingRequests (1.3.6.1.2.1.67.1.2.1.1.3.1.12) | read-only | No | As per MIB |
| radiusAuthClientTimeouts (1.3.6.1.2.1.67.1.2.1.1.3.1.13) | read-only | No | As per MIB |
| radiusAuthClientUnknownTypes (1.3.6.1.2.1.67.1.2.1.1.3.1.14) | read-only | No | As per MIB |
| radiusAuthClientPacketsDropped (1.3.6.1.2.1.67.1.2.1.1.3.1.15) | read-only | No | As per MIB |

# RFC1213-MIB

## system Group {mib-2.1}

**This group is fully supported.**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sysDescr (1.3.6.1.2.1.1.1) | read-only | No | “H3C Comware Platform Software, Software Version 7.1.034, Alpha 0002  H3C Series Router MSRxx-xx  Copyright (c) 2004-2018 New H3C Technologies Co., Ltd. All rights reserved.  .” for H3C  H3C Brand:  MSR26-30  MSR36-10  MSR36-20  MSR36-40  MSR36-60  MSR56-60  MSR56-80  ICG5000T  ICG6000  MSR3600  ICG3000S  LA4608E  LA3616S  LA3616E  MSR810  MSR56-20  MSR2600  ICG5000  ICG3000  MSR830  LA4616  MSR2600-6-X1  ICG2000D  MSR3610G  MSR3620G  MSR3610-I-DP  MSR3610-IE-DP  MSR3600-51-X1  MSR3600-51-X1-DP  MSR3600-28-X1  MSR3600-28-X1-DP  LA4616-X1  MER3220  MER5200  MER8300  MSR5610 |
| sysObjectID (1.3.6.1.2.1.1.2) | read-only | No | hh3cMSR2630  internet.4.1.25506.1.763  hh3Cmsr3610AC  internet.4.1.25506.1.764  hh3cMSR3610DC  internet.4.1.25506.1.765  hh3cMSR3620AC  internet.4.1.25506.1.766  hh3cMSR3620DC  internet.4.1.25506.1.767  hh3cMSR3620POE  internet.4.1.25506.1.768  hh3cMSR3640  internet.4.1.25506.1.769  hh3cMSR3660  internet.4.1.25506.1.770  hh3cMSR5660  internet.4.1.25506.1.771  hh3cMSR5680  internet.4.1.25506.1.772  hh3cICG5000T  internet.4.1.25506.1.908  hh3cICG6000  internet.4.1.25506.1.909  hh3cMSR2630WiNet  internet.4.1.25506.1.910  hh3cMSR3610WiNet  internet.4.1.25506.1.911  hh3cMSR3660WiNet  internet.4.1.25506.1.912  hh3cMSR360028  internet.4.1.25506.1.952  hh3cMSR360051  internet.4.1.25506.1.953  hh3cICG3000SE  internet.4.1.25506.1.1105  hh3cLA4608E  internet.4.1.25506.1.1127  hh3cLA3616SGM  internet.4.1.25506.1.1149  hh3cLA3616SGT  internet.4.1.25506.1.1150  hh3cLA3616EGM  internet.4.1.25506.1.1151  hh3cMSR810W  internet.4.1.25506.1.1159  hh3cMSR810WDB  internet.4.1.25506.1.1234  hh3cMSR810LM  internet.4.1.25506.1.1235  hh3cMSR810WLM  internet.4.1.25506.1.1236  hh3cMSR810WWiNet  internet.4.1.25506.1.1241  hh3cMSR810LMWiNet  internet.4.1.25506.1.1242  hh3cMSR360028WiNet  internet.4.1.25506.1.1244  hh3cMSR362010WiNet  internet.4.1.25506.1.1245  hh3cMSR810  internet.4.1.25506.1.1260  hh3cMSR2630R  internet.4.1.25506.1.1283  hh3cMSR3610ACR  internet.4.1.25506.1.1284  hh3cMSR3620ACR  internet.4.1.25506.1.1285  hh3cMSR3640R  internet.4.1.25506.1.1286  hh3cMSR3660R  internet.4.1.25506.1.1287  hh3cMSR5660R  internet.4.1.25506.1.1288  hh3cMSR5680R  internet.4.1.25506.1.1289  hh3cMSR5620  internet.4.1.25506.1.1239  hh3cMSR3620DP  internet.4.1.25506.1.1240  hh3cMSR810-PoE  internet.4.1.25506.1.1382  hh3cMSR3610-X1  internet.4.1.25506.1.1472  hh3cMSR3610-X1-DP  internet.4.1.25506.1.1473  hh3cMSR3610-X1-DP-DC  internet.4.1.25506.1.1474  hh3cMSR3610-X1-DC  internet.4.1.25506.1.1492  hh3cMSR2600-10-X1  internet.4.1.25506.1.1471  hh3cICG5000G  internet.4.1.25506.1.1485  hh3cICG3000F  internet.4.1.25506.1.1483  hh3cMSR810-LM-HK  internet.4.1.25506.1.1497  hh3cMSR810-W-LM-HK  internet.4.1.25506.1.1498  hh3cMSR830-6EI-WiNet  internet.4.1.25506.1.1486  hh3cMSR830-5BEI-WiNet  internet.4.1.25506.1.1487  hh3cMSR830-10BEI-WiNet  internet.4.1.25506.1.1488  hh3cMSR3600-28-SI  internet.4.1.25506.1.1476  hh3cMSR3600-51-SI  internet.4.1.25506.1.1477  hh3cMSR830-6BHI-WiNet  internet.4.1.25506.1.1489  hh3cMSR830-10BHI-WiNet  internet.4.1.25506.1.1490  hh3cMSR830-10PBEI-WiNet  internet.4.1.25506.1.1549  hh3cMSR810-LMS internet.4.1.25506.1.1579  hh3cMSR810-LUS internet.4.1.25506.1.1553  hh3cMSR3610-X1-WiNet  internet.4.1.25506.1.1701  hh3cMSR3620-DP-WiNet  internet.4.1.25506.1.1702  hh3cMSR2600-10-X1-WiNet  internet.4.1.25506.1.1703  hh3cLA4616  internet.4.1.25506.1. 1810  hh3cMSR2600-6-X1  internet.4.1.25506.1. 1808  hh3cICG2000D  internet.4.1.25506.1. 1809  hh3cMSR3620-G  internet.4.1.25506.1. 1851  hh3cMSR3610-G  internet.4.1.25506.1. 1916  hh3cMSR3610-I-DP  internet.4.1.25506.1. 1748  hh3cMSR3610-IE-DP  internet.4.1.25506.1. 1915  hh3cMSR3600-51-X1  internet.4.1.25506.1. 1906  hh3cMSR3600-51-X1-DP  internet.4.1.25506.1. 1907  hh3cMSR3600-28-X1  internet.4.1.25506.1. 1908  hh3cMSR3600-28-X1-DP  internet.4.1.25506.1. 1909  hh3c MSR810-LM-GL  internet.4.1.25506.1. 2036  hh3c MSR810-W-LM-GL  internet.4.1.25506.1. 2037  hh3c MSR830-6EI-GL  internet.4.1.25506.1. 2038  hh3c MSR2600-6-X1-GL  internet.4.1.25506.1. 2039  hh3c MSR3600-28-SI-GL  internet.4.1.25506.1. 2040  hh3c MSR830-6HI-GL  internet.4.1.25506.1. 1953  hh3c MSR830-10EI-GL  internet.4.1.25506.1. 1954  hh3c MSR830-10HI-GL  internet.4.1.25506.1. 1955  hh3cMSR830-4LM-WiNet  internet.4.1.25506.1. 2066  hh3cMSR810-LM-SJKXXX2  internet.4.1.25506.1. 2041  hh3cLA4616-X1  internet.4.1.25506.1. 1962  hh3cLA4616-X1-LM  internet.4.1.25506.1. 1963  hh3cMER3220  internet.4.1.25506.1. 2139  hh3cMER5200  internet.4.1.25506.1. 2140  hh3cMER8300  internet.4.1.25506.1. 2141  hh3cMER8300  internet.4.1.25506.1. 2141  hh3cMER8300  internet.4.1.25506.1. 2141  hh3cMSR5610-WiNet  internet.4.1.25506.1. 2254  hh3cMSR3610-IE-ES  internet.4.1.25506.1. 2253 |
| sysUpTime (1.3.6.1.2.1.1.3) | read-only | No | As per MIB |
| sysContact (1.3.6.1.2.1.1.4) | read-write | Current | The default value:  For H3C is " New H3C Technologies Co., Ltd. ".  Use a zero-length string to recover to the default value. |
| sysName (1.3.6.1.2.1.1.5) | read-write | Current | The value can not be a blank string.  The default value:  For H3C is "H3C".  The set operation now only supports 1-64 characters. |
| sysLocation (1.3.6.1.2.1.1.6) | read-write | Current | The default value:  For H3C is "Hangzhou, China".    Use a zero-length string to recover to the default value. |
| sysServices (1.3.6.1.2.1.1.7) | read-only | Current | 78 (2^ (2-1) + 2^ (3-1) + 2^ (4-1) + 2^ (7-1)). indicates that system can provide the following services:  2 datalink/subnetwork (e.g., bridges)  3 internet (e.g., supports the IP)  4 end-to-end (e.g., supports the TCP)  7 applications (e.g., supports the SMTP) |

## interfaces Group {mib-2.2}

See ifTable in IF-MIB

## at Group {mib-2.3}

at (Address Translation) group is fully supported.

### atTable

**OID: 1.3.6.1.2.1.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| atIfIndex (1.3.6.1.2.1.3.1.1.1) | read-write | Current | Only support read operation |
| atPhysAddress (1.3.6.1.2.1.3.1.1.2) | read-write | Current | Only support read operation |
| atNetAddress (1.3.6.1.2.1.3.1.1.3) | read-write | Current | Only support read operation |

## ip Group {mib-2.4}

The following objects will be supported:

### Scalar Objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipForwarding (1.3.6.1.2.1.4.1) | read-write | Current | Because the L3 switch can not be set to L2 mode via the MIB, so it is a read only object. |
| ipDefaultTTL (1.3.6.1.2.1.4.2) | read-write | No | The number may be set from 1 to 255. |
| ipInReceives (1.3.6.1.2.1.4.3) | read-only | No | As per MIB |
| ipInHdrErrors (1.3.6.1.2.1.4.4) | read-only | No | As per MIB |
| ipInAddrErrors (1.3.6.1.2.1.4.5) | read-only | No | As per MIB |
| ipForwDatagrams (1.3.6.1.2.1.4.6) | read-only | No | As per MIB |
| ipInUnknownProtos (1.3.6.1.2.1.4.7) | read-only | No | As per MIB |
| ipInDiscards (1.3.6.1.2.1.4.8) | read-only | No | As per MIB |
| ipInDelivers (1.3.6.1.2.1.4.9) | read-only | No | As per MIB |
| ipOutRequests (1.3.6.1.2.1.4.10) | read-only | No | As per MIB |
| ipOutDiscards (1.3.6.1.2.1.4.11) | read-only | No | As per MIB |
| ipOutNoRoutes (1.3.6.1.2.1.4.12) | read-only | No | As per MIB |
| ipReasmTimeout (1.3.6.1.2.1.4.13) | read-only | No | As per MIB |
| ipReasmReqds (1.3.6.1.2.1.4.14) | read-only | No | As per MIB |
| ipReasmOKs (1.3.6.1.2.1.4.15) | read-only | No | As per MIB |
| ipReasmFails (1.3.6.1.2.1.4.16) | read-only | No | As per MIB |
| ipFragOKs (1.3.6.1.2.1.4.17) | read-only | No | As per MIB |
| ipFragFails (1.3.6.1.2.1.4.18) | read-only | No | As per MIB |
| ipFragCreates (1.3.6.1.2.1.4.19) | read-only | No | As per MIB |
| ipRoutingDiscards (1.3.6.1.2.1.4.23) | read-only | No | As per MIB |
| ipv6IpForwarding (1.3.6.1.2.1.4.25) | read-write | No | Only support read operation |
| ipv6IpDefaultHopLimit (1.3.6.1.2.1.4.26) | read-write | No | Only support read operation |
| ipv4InterfaceTableLastChange (1.3.6.1.2.1.4.27) | read-only | No | Not supported |
| ipv6InterfaceTableLastChange (1.3.6.1.2.1.4.29) | read-only | No | Not supported |
| ipIfStatsTableLastChange (1.3.6.1.2.1.4.31.2) | read-only | No | Not supported |
| ipAddressSpinLock (1.3.6.1.2.1.4.33) | read-write | No | Not supported |
| ipv6RouterAdvertSpinLock (1.3.6.1.2.1.4.38) | read-write | No | Not supported |

### ipAddrTable

**OID: 1.3.6.1.2.1.4.20**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipAdEntAddr (1.3.6.1.2.1.4.20.1.1) | read-only | Current | As per MIB |
| ipAdEntIfIndex (1.3.6.1.2.1.4.20.1.2) | read-only | Current | As per MIB |
| ipAdEntNetMask (1.3.6.1.2.1.4.20.1.3) | read-only | Current | As per MIB |
| ipAdEntBcastAddr (1.3.6.1.2.1.4.20.1.4) | read-only | Current | As per MIB |
| ipAdEntReasmMaxSize (1.3.6.1.2.1.4.20.1.5) | read-only | Current | As per MIB |

### ipRouteTable

**OID: 1.3.6.1.2.1.4.21**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipRouteDest(1.3.6.1.2.1.4.21.1.1) | read-write | No | Only support read |
| ipRouteIfIndex(1.3.6.1.2.1.4.21.1.2) | read-write | No | Only support read |
| ipRouteMetric1(1.3.6.1.2.1.4.21.1.3) | read-write | No | Only support read |
| ipRouteMetric2(1.3.6.1.2.1.4.21.1.4) | read-write | No | Only support read |
| ipRouteMetric3(1.3.6.1.2.1.4.21.1.5) | read-write | No | Only support read |
| ipRouteMetric4(1.3.6.1.2.1.4.21.1.6) | read-write | No | Only support read |
| ipRouteNextHop(1.3.6.1.2.1.4.21.1.7) | read-write | No | Only support read |
| ipRouteType(1.3.6.1.2.1.4.21.1.8) | read-write | No | Only support read |
| ipRouteProto(1.3.6.1.2.1.4.21.1.9) | read-only | No | As per MIB |
| ipRouteAge(1.3.6.1.2.1.4.21.1.10) | read-write | No | Only support read |
| ipRouteMask(1.3.6.1.2.1.4.21.1.11) | read-write | No | Only support read |
| ipRouteMetric5(1.3.6.1.2.1.4.21.1.12) | read-write | No | Only support read |
| ipRouteInfo(1.3.6.1.2.1.4.21.1.13) | read-only | No | As per MIB |

### ipNetToMediaTable

**OID: 1.3.6.1.2.1.4.22**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipNetToMediaIfIndex (1.3.6.1.2.1.4.22.1.1) | read-write | Current | Only support read operation. |
| ipNetToMediaPhysAddress (1.3.6.1.2.1.4.22.1.2) | read-write | Current | Only support read operation |
| ipNetToMediaNetAddress (1.3.6.1.2.1.4.22.1.3) | read-write | Current | Only support read operation |
| ipNetToMediaType (1.3.6.1.2.1.4.22.1.4) | read-write | Current | Only support read operation |

### ipv6InterfaceTable

**OID: 1.3.6.1.2.1.4.30**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6InterfaceIfIndex (1.3.6.1.2.1.4.30.1.1) | not-accessible | No | As per MIB |
| ipv6InterfaceReasmMaxSize (1.3.6.1.2.1.4.30.1.2) | read-only | No | As per MIB |
| ipv6InterfaceIdentifier (1.3.6.1.2.1.4.30.1.3) | read-only | No | As per MIB |
| ipv6InterfaceEnableStatus (1.3.6.1.2.1.4.30.1.5) | read-write | No | Only support read operation |
| ipv6InterfaceReachableTime (1.3.6.1.2.1.4.30.1.6) | read-only | No | As per MIB |
| ipv6InterfaceRetransmitTime (1.3.6.1.2.1.4.30.1.7) | read-only | No | As per MIB |
| ipv6InterfaceForwarding (1.3.6.1.2.1.4.30.1.8) | read-write | No | Only support read operation |

### ipSystemStatsTable

**OID: 1.3.6.1.2.1.4.31.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipSystemStatsIPVersion (1.3.6.1.2.1.4.31.1.1.1) | not-accessible | No | Only support ipv6(2) |
| ipSystemStatsInReceives (1.3.6.1.2.1.4.31.1.1.3) | read-only | No | As per MIB |
| ipSystemStatsHCInReceives (1.3.6.1.2.1.4.31.1.1.4) | read-only | No | As per MIB |
| ipSystemStatsInOctets (1.3.6.1.2.1.4.31.1.1.5) | read-only | No | Not supported |
| ipSystemStatsHCInOctets (1.3.6.1.2.1.4.31.1.1.6) | read-only | No | Not supported |
| ipSystemStatsInHdrErrors (1.3.6.1.2.1.4.31.1.1.7) | read-only | No | As per MIB |
| ipSystemStatsInNoRoutes (1.3.6.1.2.1.4.31.1.1.8) | read-only | No | As per MIB |
| ipSystemStatsInAddrErrors (1.3.6.1.2.1.4.31.1.1.9) | read-only | No | As per MIB |
| ipSystemStatsInUnknownProtos (1.3.6.1.2.1.4.31.1.1.10) | read-only | No | As per MIB |
| ipSystemStatsInTruncatedPkts (1.3.6.1.2.1.4.31.1.1.11) | read-only | No | Not supported |
| ipSystemStatsInForwDatagrams (1.3.6.1.2.1.4.31.1.1.12) | read-only | No | As per MIB |
| ipSystemStatsHCInForwDatagrams (1.3.6.1.2.1.4.31.1.1.13) | read-only | No | As per MIB |
| ipSystemStatsReasmReqds (1.3.6.1.2.1.4.31.1.1.14) | read-only | No | As per MIB |
| ipSystemStatsReasmOKs (1.3.6.1.2.1.4.31.1.1.15) | read-only | No | As per MIB |
| ipSystemStatsReasmFails (1.3.6.1.2.1.4.31.1.1.16) | read-only | No | As per MIB |
| ipSystemStatsInDiscards (1.3.6.1.2.1.4.31.1.1.17) | read-only | No | As per MIB |
| ipSystemStatsInDelivers (1.3.6.1.2.1.4.31.1.1.18) | read-only | No | As per MIB |
| ipSystemStatsHCInDelivers (1.3.6.1.2.1.4.31.1.1.19) | read-only | No | Not supported |
| ipSystemStatsOutRequests (1.3.6.1.2.1.4.31.1.1.20) | read-only | No | As per MIB |
| ipSystemStatsHCOutRequests (1.3.6.1.2.1.4.31.1.1.21) | read-only | No | Not supported |
| ipSystemStatsOutNoRoutes (1.3.6.1.2.1.4.31.1.1.22) | read-only | No | As per MIB |
| ipSystemStatsOutForwDatagrams (1.3.6.1.2.1.4.31.1.1.23) | read-only | No | As per MIB |
| ipSystemStatsHCOutForwDatagrams (1.3.6.1.2.1.4.31.1.1.24) | read-only | No | As per MIB |
| ipSystemStatsOutDiscards (1.3.6.1.2.1.4.31.1.1.25) | read-only | No | As per MIB |
| ipSystemStatsOutFragReqds (1.3.6.1.2.1.4.31.1.1.26) | read-only | No | As per MIB |
| ipSystemStatsOutFragOKs (1.3.6.1.2.1.4.31.1.1.27) | read-only | No | As per MIB |
| ipSystemStatsOutFragFails (1.3.6.1.2.1.4.31.1.1.28) | read-only | No | As per MIB |
| ipSystemStatsOutFragCreates (1.3.6.1.2.1.4.31.1.1.29) | read-only | No | As per MIB |
| ipSystemStatsOutTransmits (1.3.6.1.2.1.4.31.1.1.30) | read-only | No | As per MIB |
| ipSystemStatsHCOutTransmits (1.3.6.1.2.1.4.31.1.1.31) | read-only | No | As per MIB |
| ipSystemStatsOutOctets (1.3.6.1.2.1.4.31.1.1.32) | read-only | No | Not supported |
| ipSystemStatsHCOutOctets (1.3.6.1.2.1.4.31.1.1.33) | read-only | No | Not supported |
| ipSystemStatsInMcastPkts (1.3.6.1.2.1.4.31.1.1.34) | read-only | No | Not supported |
| ipSystemStatsHCInMcastPkts (1.3.6.1.2.1.4.31.1.1.35) | read-only | No | Not supported |
| ipSystemStatsInMcastOctets (1.3.6.1.2.1.4.31.1.1.36) | read-only | No | Not supported |
| ipSystemStatsHCInMcastOctets (1.3.6.1.2.1.4.31.1.1.37) | read-only | No | Not supported |
| ipSystemStatsOutMcastPkts (1.3.6.1.2.1.4.31.1.1.38) | read-only | No | Not supported |
| ipSystemStatsHCOutMcastPkts (1.3.6.1.2.1.4.31.1.1.39) | read-only | No | Not supported |
| ipSystemStatsOutMcastOctets (1.3.6.1.2.1.4.31.1.1.40) | read-only | No | Not supported |
| ipSystemStatsHCOutMcastOctets (1.3.6.1.2.1.4.31.1.1.41) | read-only | No | Not supported |
| ipSystemStatsInBcastPkts (1.3.6.1.2.1.4.31.1.1.42) | read-only | No | Not supported |
| ipSystemStatsHCInBcastPkts (1.3.6.1.2.1.4.31.1.1.43) | read-only | No | Not supported |
| ipSystemStatsOutBcastPkts (1.3.6.1.2.1.4.31.1.1.44) | read-only | No | Not supported |
| ipSystemStatsHCOutBcastPkts (1.3.6.1.2.1.4.31.1.1.45) | read-only | No | Not supported |
| ipSystemStatsDiscontinuityTime (1.3.6.1.2.1.4.31.1.1.46) | read-only | No | Not supported |
| ipSystemStatsRefreshRate (1.3.6.1.2.1.4.31.1.1.47) | read-only | No | Not supported |

### ipIfStatsTable

**OID: 1.3.6.1.2.1.4.31.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipIfStatsIPVersion (1.3.6.1.2.1.4.31.3.1.1) | not-accessible | No | Only support ipv6(2) |
| ipIfStatsIfIndex (1.3.6.1.2.1.4.31.3.1.2) | not-accessible | No | As per MIB |
| ipIfStatsInReceives (1.3.6.1.2.1.4.31.3.1.3) | read-only | No | As per MIB |
| ipIfStatsHCInReceives (1.3.6.1.2.1.4.31.3.1.4) | read-only | No | Not supported |
| ipIfStatsInOctets (1.3.6.1.2.1.4.31.3.1.5) | read-only | No | Not supported |
| ipIfStatsHCInOctets (1.3.6.1.2.1.4.31.3.1.6) | read-only | No | Not supported |
| ipIfStatsInHdrErrors (1.3.6.1.2.1.4.31.3.1.7) | read-only | No | As per MIB |
| ipIfStatsInNoRoutes (1.3.6.1.2.1.4.31.3.1.8) | read-only | No | As per MIB |
| ipIfStatsInAddrErrors (1.3.6.1.2.1.4.31.3.1.9) | read-only | No | As per MIB |
| ipIfStatsInUnknownProtos (1.3.6.1.2.1.4.31.3.1.10) | read-only | No | As per MIB |
| ipIfStatsInTruncatedPkts (1.3.6.1.2.1.4.31.3.1.11) | read-only | No | As per MIB |
| ipIfStatsInForwDatagrams (1.3.6.1.2.1.4.31.3.1.12) | read-only | No | As per MIB |
| ipIfStatsHCInForwDatagrams (1.3.6.1.2.1.4.31.3.1.13) | read-only | No | As per MIB |
| ipIfStatsReasmReqds (1.3.6.1.2.1.4.31.3.1.14) | read-only | No | As per MIB |
| ipIfStatsReasmOKs (1.3.6.1.2.1.4.31.3.1.15) | read-only | No | As per MIB |
| ipIfStatsReasmFails (1.3.6.1.2.1.4.31.3.1.16) | read-only | No | As per MIB |
| ipIfStatsInDiscards (1.3.6.1.2.1.4.31.3.1.17) | read-only | No | As per MIB |
| ipIfStatsInDelivers (1.3.6.1.2.1.4.31.3.1.18) | read-only | No | As per MIB |
| ipIfStatsHCInDelivers (1.3.6.1.2.1.4.31.3.1.19) | read-only | No | Not supported |
| ipIfStatsOutRequests (1.3.6.1.2.1.4.31.3.1.20) | read-only | No | As per MIB |
| ipIfStatsHCOutRequests (1.3.6.1.2.1.4.31.3.1.21) | read-only | No | Not supported |
| ipIfStatsOutForwDatagrams (1.3.6.1.2.1.4.31.3.1.23) | read-only | No | As per MIB |
| ipIfStatsHCOutForwDatagrams (1.3.6.1.2.1.4.31.3.1.24) | read-only | No | Not supported |
| ipIfStatsOutDiscards (1.3.6.1.2.1.4.31.3.1.25) | read-only | No | As per MIB |
| ipIfStatsOutFragReqds (1.3.6.1.2.1.4.31.3.1.26) | read-only | No | As per MIB |
| ipIfStatsOutFragOKs (1.3.6.1.2.1.4.31.3.1.27) | read-only | No | As per MIB |
| ipIfStatsOutFragFails (1.3.6.1.2.1.4.31.3.1.28) | read-only | No | As per MIB |
| ipIfStatsOutFragCreates (1.3.6.1.2.1.4.31.3.1.29) | read-only | No | As per MIB |
| ipIfStatsOutTransmits (1.3.6.1.2.1.4.31.3.1.30) | read-only | No | As per MIB |
| ipIfStatsHCOutTransmits (1.3.6.1.2.1.4.31.3.1.31) | read-only | No | Not supported |
| ipIfStatsOutOctets (1.3.6.1.2.1.4.31.3.1.32) | read-only | No | Not supported |
| ipIfStatsHCOutOctets (1.3.6.1.2.1.4.31.3.1.33) | read-only | No | Not supported |
| ipIfStatsInMcastPkts (1.3.6.1.2.1.4.31.3.1.34) | read-only | No | As per MIB |
| ipIfStatsHCInMcastPkts (1.3.6.1.2.1.4.31.3.1.35) | read-only | No | Not supported |
| ipIfStatsInMcastOctets (1.3.6.1.2.1.4.31.3.1.36) | read-only | No | Not supported |
| ipIfStatsHCInMcastOctets (1.3.6.1.2.1.4.31.3.1.37) | read-only | No | Not supported |
| ipIfStatsOutMcastPkts (1.3.6.1.2.1.4.31.3.1.38) | read-only | No | As per MIB |
| ipIfStatsHCOutMcastPkts (1.3.6.1.2.1.4.31.3.1.39) | read-only | No | Not supported |
| ipIfStatsOutMcastOctets (1.3.6.1.2.1.4.31.3.1.40) | read-only | No | Not supported |
| ipIfStatsHCOutMcastOctets (1.3.6.1.2.1.4.31.3.1.41) | read-only | No | Not supported |
| ipIfStatsInBcastPkts (1.3.6.1.2.1.4.31.3.1.42) | read-only | No | Not supported |
| ipIfStatsHCInBcastPkts (1.3.6.1.2.1.4.31.3.1.43) | read-only | No | Not supported |
| ipIfStatsOutBcastPkts (1.3.6.1.2.1.4.31.3.1.44) | read-only | No | Not supported |
| ipIfStatsHCOutBcastPkts (1.3.6.1.2.1.4.31.3.1.45) | read-only | No | Not supported |
| ipIfStatsDiscontinuityTime (1.3.6.1.2.1.4.31.3.1.46) | read-only | No | Not supported |
| ipIfStatsRefreshRate (1.3.6.1.2.1.4.31.3.1.47) | read-only | No | Not supported |

### ipAddressPrefixTable

**OID: 1.3.6.1.2.1.4.32**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipAddressPrefixIfIndex (1.3.6.1.2.1.4.32.1.1) | not-accessible | No | As per MIB |
| ipAddressPrefixType (1.3.6.1.2.1.4.32.1.2) | not-accessible | No | Only support ipv6(2) and ipv6z(4) |
| ipAddressPrefixPrefix (1.3.6.1.2.1.4.32.1.3) | not-accessible | No | As per MIB |
| ipAddressPrefixLength (1.3.6.1.2.1.4.32.1.4) | not-accessible | No | As per MIB |
| ipAddressPrefixOrigin (1.3.6.1.2.1.4.32.1.5) | read-only | No | As per MIB |
| ipAddressPrefixOnLinkFlag (1.3.6.1.2.1.4.32.1.6) | read-only | No | As per MIB |
| ipAddressPrefixAutonomousFlag (1.3.6.1.2.1.4.32.1.7) | read-only | No | As per MIB |
| ipAddressPrefixAdvPreferredLifetime (1.3.6.1.2.1.4.32.1.8) | read-only | No | As per MIB |
| ipAddressPrefixAdvValidLifetime (1.3.6.1.2.1.4.32.1.9) | read-only | No | As per MIB |

### ipAddressTable

**OID: 1.3.6.1.2.1.4.34**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipAddressAddrType (1.3.6.1.2.1.4.34.1.1) | not-accessible | No | Only support ipv6(2) and ipv6z(4) |
| ipAddressAddr (1.3.6.1.2.1.4.34.1.2) | not-accessible | No | As per MIB |
| ipAddressIfIndex (1.3.6.1.2.1.4.34.1.3) | read-create | No | Only support read operation |
| ipAddressType (1.3.6.1.2.1.4.34.1.4) | read-create | No | Only support read operation |
| ipAddressPrefix (1.3.6.1.2.1.4.34.1.5) | read-only | No | As per MIB |
| ipAddressOrigin (1.3.6.1.2.1.4.34.1.6) | read-only | No | As per MIB |
| ipAddressStatus (1.3.6.1.2.1.4.34.1.7) | read-create | No | Only support read operation |
| ipAddressCreated (1.3.6.1.2.1.4.34.1.8) | read-only | No | As per MIB |
| ipAddressLastChanged (1.3.6.1.2.1.4.34.1.9) | read-only | No | As per MIB |
| ipAddressRowStatus (1.3.6.1.2.1.4.34.1.10) | read-create | No | Only support read operation  Only support active(1). |
| ipAddressStorageType (1.3.6.1.2.1.4.34.1.11) | read-only | No | The value is always volatile(2). |

### ipNetToPhysicalTable

**OID: 1.3.6.1.2.1.4.35**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipNetToPhysicalIfIndex (1.3.6.1.2.1.4.35.1.1) | not-accessible | No | As per MIB |
| ipNetToPhysicalNetAddressType (1.3.6.1.2.1.4.35.1.2) | not-accessible | No | Only support ipv6(2),ipv6z(4) |
| ipNetToPhysicalNetAddress (1.3.6.1.2.1.4.35.1.3) | not-accessible | No | As per MIB |
| ipNetToPhysicalPhysAddress (1.3.6.1.2.1.4.35.1.4) | read-create | No | Only support read operation |
| ipNetToPhysicalLastUpdated (1.3.6.1.2.1.4.35.1.5) | read-only | No | As per MIB |
| ipNetToPhysicalType (1.3.6.1.2.1.4.35.1.6) | read-create | No | Only support read operation |
| ipNetToPhysicalState (1.3.6.1.2.1.4.35.1.7) | read-only | No | As per MIB |
| ipNetToPhysicalRowStatus (1.3.6.1.2.1.4.35.1.8) | read-create | No | Only support read operation |

### ipDefaultRouterTable

**OID: 1.3.6.1.2.1.4.37**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipDefaultRouterAddressType (1.3.6.1.2.1.4.37.1.1) | not-accessible | No | Only support ipv6(2) and ipv6z(4) |
| ipDefaultRouterAddress (1.3.6.1.2.1.4.37.1.2) | not-accessible | No | As per MIB |
| ipDefaultRouterIfIndex (1.3.6.1.2.1.4.37.1.3) | not-accessible | No | As per MIB |
| ipDefaultRouterLifetime (1.3.6.1.2.1.4.37.1.4) | read-only | No | As per MIB |
| ipDefaultRouterPreference (1.3.6.1.2.1.4.37.1.5) | read-only | No | As per MIB |

### ipv6RouterAdvertTable

**OID: 1.3.6.1.2.1.4.39**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| ipv6RouterAdvertIfIndex (1.3.6.1.2.1.4.39.1.1) | not-accessible | No | As per MIB |
| ipv6RouterAdvertSendAdverts (1.3.6.1.2.1.4.39.1.2) | read-create | No | Only support read operation |
| ipv6RouterAdvertMaxInterval (1.3.6.1.2.1.4.39.1.3) | read-create | No | Only support read operation |
| ipv6RouterAdvertMinInterval (1.3.6.1.2.1.4.39.1.4) | read-create | No | Only support read operation |
| ipv6RouterAdvertManagedFlag (1.3.6.1.2.1.4.39.1.5) | read-create | No | Only support read operation |
| ipv6RouterAdvertOtherConfigFlag (1.3.6.1.2.1.4.39.1.6) | read-create | No | Only support read operation |
| ipv6RouterAdvertLinkMTU (1.3.6.1.2.1.4.39.1.7) | read-create | No | Only support read operation |
| ipv6RouterAdvertReachableTime (1.3.6.1.2.1.4.39.1.8) | read-create | No | Only support read operation |
| ipv6RouterAdvertRetransmitTime (1.3.6.1.2.1.4.39.1.9) | read-create | No | Only support read operation |
| ipv6RouterAdvertCurHopLimit (1.3.6.1.2.1.4.39.1.10) | read-create | No | Only support read operation |
| ipv6RouterAdvertDefaultLifetime (1.3.6.1.2.1.4.39.1.11) | read-create | No | Only support read operation |
| ipv6RouterAdvertRowStatus (1.3.6.1.2.1.4.39.1.12) | read-create | No | Only support read operation |

## icmp Group {mib-2.5}

### Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| icmpInMsgs (1.3.6.1.2.1.5.1) | read-only | No | As per MIB |
| icmpInErrors (1.3.6.1.2.1.5.2) | read-only | No | As per MIB |
| icmpInDestUnreachs (1.3.6.1.2.1.5.3) | read-only | No | As per MIB |
| icmpInTimeExcds (1.3.6.1.2.1.5.4) | read-only | No | As per MIB |
| icmpInParmProbs (1.3.6.1.2.1.5.5) | read-only | No | As per MIB |
| icmpInSrcQuenchs (1.3.6.1.2.1.5.6) | read-only | No | As per MIB |
| icmpInRedirects (1.3.6.1.2.1.5.7) | read-only | No | As per MIB |
| icmpInEchos (1.3.6.1.2.1.5.8) | read-only | No | As per MIB |
| icmpInEchoReps (1.3.6.1.2.1.5.9) | read-only | No | As per MIB |
| icmpInTimestamps (1.3.6.1.2.1.5.10) | read-only | No | As per MIB |
| icmpInTimestampReps (1.3.6.1.2.1.5.11) | read-only | No | As per MIB |
| icmpInAddrMasks (1.3.6.1.2.1.5.12) | read-only | No | As per MIB |
| icmpInAddrMaskReps (1.3.6.1.2.1.5.13) | read-only | No | As per MIB |
| icmpOutMsgs (1.3.6.1.2.1.5.14) | read-only | No | As per MIB |
| icmpOutErrors (1.3.6.1.2.1.5.15) | read-only | No | As per MIB |
| icmpOutDestUnreachs (1.3.6.1.2.1.5.16) | read-only | No | As per MIB |
| icmpOutTimeExcds (1.3.6.1.2.1.5.17) | read-only | No | As per MIB |
| icmpOutParmProbs (1.3.6.1.2.1.5.18) | read-only | No | As per MIB |
| icmpOutSrcQuenchs (1.3.6.1.2.1.5.19) | read-only | No | Not supported |
| icmpOutRedirects (1.3.6.1.2.1.5.20) | read-only | No | As per MIB |
| icmpOutEchos (1.3.6.1.2.1.5.21) | read-only | No | As per MIB |
| icmpOutEchoReps (1.3.6.1.2.1.5.22) | read-only | No | As per MIB |
| icmpOutTimestamps (1.3.6.1.2.1.5.23) | read-only | No | Not supported |
| icmpOutTimestampReps (1.3.6.1.2.1.5.24) | read-only | No | As per MIB |
| icmpOutAddrMasks (1.3.6.1.2.1.5.25) | read-only | No | Not supported |
| icmpOutAddrMaskReps (1.3.6.1.2.1.5.26) | read-only | No | As per MIB |

### icmpStatsTable

**OID: 1.3.6.1.2.1.5.29**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| icmpStatsIPVersion | not-accessible | No | Only support ipv6(2) |
| icmpStatsInMsgs | read-only | No | As per MIB |
| icmpStatsInErrors | read-only | No | As per MIB |
| icmpStatsOutMsgs | read-only | No | As per MIB |
| icmpStatsOutErrors | read-only | No | The value is always 0. |

### icmpMsgStatsTable

**OID: 1.3.6.1.2.1.5.30**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| icmpMsgStatsIPVersion | not-accessible | No | Only support ipv6(2) |
| icmpMsgStatsType | not-accessible | No | As per MIB |
| icmpMsgStatsInPkts | read-only | No | As per MIB |
| icmpMsgStatsOutPkts | read-only | No | As per MIB |

## tcp Group {mib-2.6}

tcp Group in RFC1213-MIB is updated by RFC4022-MIB.

### Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpRtoAlgorithm (1.3.6.1.2.1.6.1) | read-only | No | As per MIB |
| tcpRtoMin (1.3.6.1.2.1.6.2) | read-only | No | As per MIB |
| tcpRtoMax (1.3.6.1.2.1.6.3) | read-only | No | As per MIB |
| tcpMaxConn (1.3.6.1.2.1.6.4) | read-only | No | As per MIB |
| tcpActiveOpens (1.3.6.1.2.1.6.5) | read-only | No | As per MIB |
| tcpPassiveOpens (1.3.6.1.2.1.6.6) | read-only | No | As per MIB |
| tcpAttemptFails (1.3.6.1.2.1.6.7) | read-only | No | As per MIB |
| tcpEstabResets (1.3.6.1.2.1.6.8) | read-only | No | As per MIB |
| tcpCurrEstab (1.3.6.1.2.1.6.9) | read-only | No | As per MIB |
| tcpInSegs (1.3.6.1.2.1.6.10) | read-only | No | As per MIB |
| tcpOutSegs (1.3.6.1.2.1.6.11) | read-only | No | As per MIB |
| tcpRetransSegs (1.3.6.1.2.1.6.12) | read-only | No | As per MIB |
| tcpInErrs (1.3.6.1.2.1.6.14) | read-only | No | As per MIB |
| tcpOutRsts (1.3.6.1.2.1.6.15) | read-only | No | As per MIB |

### tcpConnTable

**OID: 1.3.6.1.2.1.6.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpConnState (1.3.6.1.2.1.6.13.1.1) | read-write | No | Only support read operation |
| tcpConnLocalAddress (1.3.6.1.2.1.6.13.1.2) | read-only | No | As per MIB |
| tcpConnLocalPort (1.3.6.1.2.1.6.13.1.3) | read-only | No | As per MIB |
| tcpConnRemAddress (1.3.6.1.2.1.6.13.1.4) | read-only | No | As per MIB |
| tcpConnRemPort (1.3.6.1.2.1.6.13.1.5) | read-only | No | As per MIB |

## udp Group {mib-2.7}

udp Group in RFC1213-MIB is updated by RFC4113-MIB.

### Scalar objects

A statistics collection for UDP group.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| udpInDatagrams (1.3.6.1.2.1.7.1) | read- only | No | As per MIB |
| udpNoPorts (1.3.6.1.2.1.7.2) | read-only | No | As per MIB |
| udpInErrors (1.3.6.1.2.1.7.3) | read-only | No | As per MIB |
| udpOutDatagrams (1.3.6.1.2.1.7.4) | read-only | No | As per MIB |

### udpTable

**OID: 1.3.6.1.2.1.7.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| udpLocalAddress (1.3.6.1.2.1.7.5.1.1) | read-only | Current | As per MIB |
| udpLocalPort (1.3.6.1.2.1.7.5.1.2) | read-only | Current | As per MIB |

## snmp Group {mib-2.11}

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpInPkts (1.3.6.1.2.1.11.1) | read-only | No | As per MIB |
| snmpOutPkts (1.3.6.1.2.1.11.2) | read-only | No | As per MIB |
| snmpInBadVersions (1.3.6.1.2.1.11.3) | read-only | No | As per MIB |
| snmpInBadCommunityNames (1.3.6.1.2.1.11.4) | read-only | No | As per MIB |
| snmpInBadCommunityUses (1.3.6.1.2.1.11.5) | read-only | No | As per MIB |
| snmpInASNParseErrs (1.3.6.1.2.1.11.6) | read-only | No | As per MIB |
| snmpInTooBigs (1.3.6.1.2.1.11.8) | read-only | No | The value is always 0. |
| snmpInNoSuchNames (1.3.6.1.2.1.11.9) | read-only | No | The value is always 0. |
| snmpInBadValues (1.3.6.1.2.1.11.10) | read-only | No | The value is always 0. |
| snmpInReadOnlys (1.3.6.1.2.1.11.11) | read-only | No | The value is always 0. |
| snmpInGenErrs (1.3.6.1.2.1.11.12) | read-only | No | The value is always 0. |
| snmpInTotalReqVars (1.3.6.1.2.1.11.13) | read-only | No | As per MIB |
| snmpInTotalSetVars (1.3.6.1.2.1.11.14) | read-only | No | As per MIB |
| snmpInGetRequests (1.3.6.1.2.1.11.15) | read-only | No | As per MIB |
| snmpInGetNexts (1.3.6.1.2.1.11.16) | read-only | No | As per MIB |
| snmpInSetRequests (1.3.6.1.2.1.11.17) | read-only | No | As per MIB |
| snmpInGetResponses (1.3.6.1.2.1.11.18) | read-only | No | Not supported |
| snmpInTraps (1.3.6.1.2.1.11.19) | read-only | No | Not supported |
| snmpOutTooBigs (1.3.6.1.2.1.11.20) | read-only | No | As per MIB |
| snmpOutNoSuchNames (1.3.6.1.2.1.11.21) | read-only | No | As per MIB |
| snmpOutBadValues (1.3.6.1.2.1.11.22) | read-only | No | As per MIB |
| snmpOutGenErrs (1.3.6.1.2.1.11.24) | read-only | No | As per MIB |
| snmpOutGetRequests (1.3.6.1.2.1.11.25) | read-only | No | As per MIB |
| snmpOutGetNexts (1.3.6.1.2.1.11.26) | read-only | No | As per MIB |
| snmpOutSetRequests (1.3.6.1.2.1.11.27) | read-only | No | As per MIB |
| snmpOutGetResponses (1.3.6.1.2.1.11.28) | read-only | No | As per MIB |
| snmpOutTraps (1.3.6.1.2.1.11.29) | read-only | No | As per MIB |
| snmpEnableAuthenTraps (1.3.6.1.2.1.11.30) | read-write | Current | The default value is enabled(1) |

# RIPv2-MIB

## rip2Globals objects

**OID: 1.3.6.1.2.1.23.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| rip2GlobalRouteChanges (1.3.6.1.2.1.23.1.1) | read-only | No | As per MIB |
| rip2GlobalQueries (1.3.6.1.2.1.23.1.2) | read-only | No | As per MIB |

## rip2IfStatTable

**OID: 1.3.6.1.2.1.23.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| rip2IfStatAddress (1.3.6.1.2.1.23.2.1.1) | read-only | Current | As per MIB |
| rip2IfStatRcvBadPackets (1.3.6.1.2.1.23.2.1.2) | read-only | No | As per MIB |
| rip2IfStatRcvBadRoutes (1.3.6.1.2.1.23.2.1.3) | read-only | No | As per MIB |
| rip2IfStatSentUpdates (1.3.6.1.2.1.23.2.1.4) | read-only | No | As per MIB |
| rip2IfStatStatus (1.3.6.1.2.1.23.2.1.5) | read-create | No | Only support read operation |

## rip2IfConfTable

**OID: 1.3.6.1.2.1.23.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| rip2IfConfAddress (1.3.6.1.2.1.23.3.1.1) | read-only | Current | As per MIB |
| rip2IfConfDomain (1.3.6.1.2.1.23.3.1.2) | read-create | Current | Only support read operation |
| rip2IfConfAuthType (1.3.6.1.2.1.23.3.1.3) | read-create | Current | Only support read operation |
| rip2IfConfAuthKey (1.3.6.1.2.1.23.3.1.4) | read-create | Current | Only support read operation |
| rip2IfConfSend (1.3.6.1.2.1.23.3.1.5) | read-create | Current | Only support read operation |
| rip2IfConfReceive (1.3.6.1.2.1.23.3.1.6) | read-create | No | Only support read operation |
| rip2IfConfDefaultMetric (1.3.6.1.2.1.23.3.1.7) | read-create | Current | Only support read operation |
| rip2IfConfStatus (1.3.6.1.2.1.23.3.1.8) | read-create | No | Only support read operation |
| rip2IfConfSrcAddress (1.3.6.1.2.1.23.3.1.9) | read-create | Current | Only support read operation |

## rip2PeerTable

**OID: 1.3.6.1.2.1.23.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| rip2PeerAddress (1.3.6.1.2.1.23.4.1.1) | read-only | No | As per MIB |
| rip2PeerDomain (1.3.6.1.2.1.23.4.1.2) | read-only | No | As per MIB |
| rip2PeerLastUpdate (1.3.6.1.2.1.23.4.1.3) | read-only | No | As per MIB |
| rip2PeerVersion (1.3.6.1.2.1.23.4.1.4) | read-only | No | As per MIB |
| rip2PeerRcvBadPackets (1.3.6.1.2.1.23.4.1.5) | read-only | No | As per MIB |
| rip2PeerRcvBadRoutes (1.3.6.1.2.1.23.4.1.6) | read-only | No | As per MIB |

# RMON2-MIB

The RMON2-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

## usrHistoryControlTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: usrHistoryControlStatus.OID: 1.3.6.1.2.1.16.18.1

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usrHistoryControlIndex  (1.3.6.1.2.1.16.18.1.1.1) | not-accessible | Current | As per MIB |
| usrHistoryControlObjects  (1.3.6.1.2.1.16.18.1.1.2) | read-create | Current | Range from 1 to 30.  Default value is 1. |
| usrHistoryControlBucketsRequested  (1.3.6.1.2.1.16.18.1.1.3) | read-create | Current | usrHistoryControlBucketsRequested only supports 255 buckets at maximum currently, If a value more than 255 is set, the system will return success, but the historyControlBucketGranted will be assigned to 255 as for implementation. |
| usrHistoryControlBucketsGranted  (1.3.6.1.2.1.16.18.1.1.4) | read-only | No | As per MIB |
| usrHistoryControlInterval  (1.3.6.1.2.1.16.18.1.1.5) | read-create | Current | Range from 1 to 4294967. |
| usrHistoryControlOwner  (1.3.6.1.2.1.16.18.1.1.6) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘?’.  Default value is zero-length string. |
| usrHistoryControlStatus  (1.3.6.1.2.1.16.18.1.1.7) | read-create | Current | When new row created, only createAndWait(5) can be set. |

## usrHistoryObjectTable

**OID: 1.3.6.1.2.1.16.18.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usrHistoryObjectIndex  (1.3.6.1.2.1.16.18.2.1.1) | not-accessible | Current | As per MIB |
| usrHistoryObjectVariable  (1.3.6.1.2.1.16.18.2.1.2) | read-create | Current | As per MIB |
| usrHistoryObjectSampleType  (1.3.6.1.2.1.16.18.2.1.3) | read-create | Current | As per MIB |

## usrHistoryTable

**OID: 1.3.6.1.2.1.16.18.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usrHistorySampleIndex  (1.3.6.1.2.1.16.18.3.1.1) | not-accessible | No | As per MIB |
| usrHistoryIntervalStart  (1.3.6.1.2.1.16.18.3.1.2) | read-only | No | As per MIB |
| usrHistoryIntervalEnd  (1.3.6.1.2.1.16.18.3.1.3) | read-only | No | As per MIB |
| usrHistoryAbsValue  (1.3.6.1.2.1.16.18.3.1.4) | read-only | No | As per MIB |
| usrHistoryValStatus  (1.3.6.1.2.1.16.18.3.1.5) | read-only | No | As per MIB |

## probeConfigTable

Only objects listed below are supported, others not mentioned are not supported.

**OID: 1.3.6.1.2.1.16.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| probeCapabilities  (1.3.6.1.2.1.16.19.1) | read-only | No | As per MIB |
| probeSoftwareRev  (1.3.6.1.2.1.16.19.2) | read-only | No | As per MIB |
| probeHardwareRev  (1.3.6.1.2.1.16.19.3) | read-only | No | Not supported. The value is always zero-length string. |
| probeDateTime  (1.3.6.1.2.1.16.19.4) | read-only | No | As per MIB |
| probeResetControl  (1.3.6.1.2.1.16.19.5) | read-write | No | Only support read operation. |

# RMON-MIB

The RMON-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

## etherStatsTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: etherStatsDataSource, etherStatsStatus.

**OID: 1.3.6.1.2.1.16.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| etherStatsIndex (1.3.6.1.2.1.16.1.1.1.1) | read-only | Current | As per MIB |
| etherStatsDataSource (1.3.6.1.2.1.16.1.1.1.2) | read-create | Current | As per MIB |
| etherStatsDropEvents (1.3.6.1.2.1.16.1.1.1.3) | read-only | No | As per MIB |
| etherStatsOctets (1.3.6.1.2.1.16.1.1.1.4) | read-only | No | As per MIB |
| etherStatsPkts (1.3.6.1.2.1.16.1.1.1.5) | read-only | No | As per MIB |
| etherStatsBroadcastPkts (1.3.6.1.2.1.16.1.1.1.6) | read-only | No | As per MIB |
| etherStatsMulticastPkts (1.3.6.1.2.1.16.1.1.1.7) | read-only | No | As per MIB |
| etherStatsCRCAlignErrors (1.3.6.1.2.1.16.1.1.1.8) | read-only | No | As per MIB |
| etherStatsUndersizePkts (1.3.6.1.2.1.16.1.1.1.9) | read-only | No | As per MIB |
| etherStatsOversizePkts (1.3.6.1.2.1.16.1.1.1.10) | read-only | No | As per MIB |
| etherStatsFragments (1.3.6.1.2.1.16.1.1.1.11) | read-only | No | As per MIB |
| etherStatsJabbers (1.3.6.1.2.1.16.1.1.1.12) | read-only | No | As per MIB |
| etherStatsCollisions (1.3.6.1.2.1.16.1.1.1.13) | read-only | No | As per MIB |
| etherStatsPkts64Octets (1.3.6.1.2.1.16.1.1.1.14) | read-only | No | As per MIB |
| etherStatsPkts65to127Octets (1.3.6.1.2.1.16.1.1.1.15) | read-only | No | As per MIB |
| etherStatsPkts128to255Octets (1.3.6.1.2.1.16.1.1.1.16) | read-only | No | As per MIB |
| etherStatsPkts256to511Octets (1.3.6.1.2.1.16.1.1.1.17) | read-only | No | As per MIB |
| etherStatsPkts512to1023Octets (1.3.6.1.2.1.16.1.1.1.18) | read-only | No | As per MIB |
| etherStatsPkts1024to1518Octets (1.3.6.1.2.1.16.1.1.1.19) | read-only | No | The statistical range of HMIM-24GSW  HMIM-1GBE  HMIM-2GBE  HMIM-2GEE  HMIM-4GEE  HMIM-8GEE  HMIM-2GEF  HMIM-4GEF  HMIM-8GEF  is 1024～MRU. |
| etherStatsOwner (1.3.6.1.2.1.16.1.1.1.20) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘?’.  Default value is zero-length string. |
| etherStatsStatus (1.3.6.1.2.1.16.1.1.1.21) | read-create | Current | As per MIB |

## historyControlTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: historyControlDataSource, historyControlStatus.

**OID: 1.3.6.1.2.1.16.2.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| historyControlIndex (1.3.6.1.2.1.16.2.1.1.1) | read-only | Current | As per MIB |
| historyControlDataSource (1.3.6.1.2.1.16.2.1.1.2) | read-create | Current | As per MIB |
| historyControlBucketsRequested (1.3.6.1.2.1.16.2.1.1.3) | read-create | Current | historyControlBucketsRequested only supports 50 buckets at maximum currently, If a value more than 50 is set, the system will return success, but the historyControlBucketGranted will be assigned to 50 as for implementation. |
| historyControlBucketsGranted (1.3.6.1.2.1.16.2.1.1.4) | read-only | No | As per MIB |
| historyControlInterval (1.3.6.1.2.1.16.2.1.1.5) | read-create | Current | Range from 5 to 3600.  Default value is 1800. |
| historyControlOwner (1.3.6.1.2.1.16.2.1.1.6) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘?’.  Default value is zero-length string. |
| historyControlStatus (1.3.6.1.2.1.16.2.1.1.7) | read-create | Current | As per MIB |

## etherHistoryTable

**OID: 1.3.6.1.2.1.16.2.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| etherHistoryIndex (1.3.6.1.2.1.16.2.2.1.1) | read-only | No | As per MIB |
| etherHistorySampleIndex (1.3.6.1.2.1.16.2.2.1.2) | read-only | No | As per MIB |
| etherHistoryIntervalStart (1.3.6.1.2.1.16.2.2.1.3) | read-only | No | As per MIB |
| etherHistoryDropEvents (1.3.6.1.2.1.16.2.2.1.4) | read-only | No | As per MIB |
| etherHistoryOctets (1.3.6.1.2.1.16.2.2.1.5) | read-only | No | As per MIB |
| etherHistoryPkts (1.3.6.1.2.1.16.2.2.1.6) | read-only | No | As per MIB |
| etherHistoryBroadcastPkts (1.3.6.1.2.1.16.2.2.1.7) | read-only | No | As per MIB |
| etherHistoryMulticastPkts (1.3.6.1.2.1.16.2.2.1.8) | read-only | No | As per MIB |
| etherHistoryCRCAlignErrors (1.3.6.1.2.1.16.2.2.1.9) | read-only | No | As per MIB |
| etherHistoryUndersizePkts (1.3.6.1.2.1.16.2.2.1.10) | read-only | No | As per MIB |
| etherHistoryOversizePkts (1.3.6.1.2.1.16.2.2.1.11) | read-only | No | As per MIB |
| etherHistoryFragments (1.3.6.1.2.1.16.2.2.1.12) | read-only | No | As per MIB |
| etherHistoryJabbers (1.3.6.1.2.1.16.2.2.1.13) | read-only | No | As per MIB |
| etherHistoryCollisions (1.3.6.1.2.1.16.2.2.1.14) | read-only | No | As per MIB |
| etherHistoryUtilization (1.3.6.1.2.1.16.2.2.1.15) | read-only | No | As per MIB |

## alarmTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: alarmVariable, alarmStatus.

2) Configuring will be failed, if the length of command string build from current configuration is greater than max length of CLI.

**OID: 1.3.6.1.2.1.16.3.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| alarmIndex (1.3.6.1.2.1.16.3.1.1.1) | read-only | Current | As per MIB |
| alarmInterval (1.3.6.1.2.1.16.3.1.1.2) | read-create | Current | Range from 5 to 65535.  Default value is 1800. |
| alarmVariable (1.3.6.1.2.1.16.3.1.1.3) | read-create | Current | As per MIB |
| alarmSampleType (1.3.6.1.2.1.16.3.1.1.4) | read-create | Current | Default value is absoluteValue(1). |
| alarmValue (1.3.6.1.2.1.16.3.1.1.5) | read-only | No | If out of the positive range of alarmValue, the alarmValue may be a negative. |
| alarmStartupAlarm (1.3.6.1.2.1.16.3.1.1.6) | read-create | Current | Default value is risingOrFallingAlarm(3). |
| alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7) | read-create | Current | Default value is 1. |
| alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8) | read-create | Current | Default value is 0. |
| alarmRisingEventIndex (1.3.6.1.2.1.16.3.1.1.9) | read-create | Current | Default value is 0. |
| alarmFallingEventIndex (1.3.6.1.2.1.16.3.1.1.10) | read-create | Current | Default value is 0. |
| alarmOwner (1.3.6.1.2.1.16.3.1.1.11) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘?’.  Default value is zero-length string. |
| alarmStatus (1.3.6.1.2.1.16.3.1.1.12) | read-create | Current | As per MIB |

## eventTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: eventStatus.

2) Configuring will be failed, if the length of command string build from current configuration is greater than max length of CLI.

**OID: 1.3.6.1.2.1.16.9.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| eventIndex (1.3.6.1.2.1.16.9.1.1.1) | read-only | Current | As per MIB |
| eventDescription (1.3.6.1.2.1.16.9.1.1.2) | read-create | Current | Default value is zero-length string. |
| eventType (1.3.6.1.2.1.16.9.1.1.3) | read-create | Current | Default value is none(1). |
| eventCommunity (1.3.6.1.2.1.16.9.1.1.4) | read-create | Current | Not supported.  The value of eventCommunity will be saved but take no effect. |
| eventLastTimeSent (1.3.6.1.2.1.16.9.1.1.5) | read-only | No | As per MIB |
| eventOwner (1.3.6.1.2.1.16.9.1.1.6) | read-create | Current | The length of value is from 0 to 127.  Not support non-printable characters and ‘?’.  Default value is zero-length string. |
| eventStatus (1.3.6.1.2.1.16.9.1.1.7) | read-create | Current | As per MIB |

## logTable

**OID: 1.3.6.1.2.1.16.9.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| logEventIndex (1.3.6.1.2.1.16.9.2.1.1) | read-only | No | As per MIB |
| logIndex (1.3.6.1.2.1.16.9.2.1.2) | read-only | No | As per MIB |
| logTime (1.3.6.1.2.1.16.9.2.1.3) | read-only | No | As per MIB |
| logDescription (1.3.6.1.2.1.16.9.2.1.4) | read-only | No | As per MIB |

# SFLOW-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sFlowVersion (1.3.6.1.4.1.14706.1.1.1) | read-only | No | As per MIB |
| sFlowAgentAddressType (1.3.6.1.4.1.14706.1.1.2) | read-only | No | As per MIB |
| sFlowAgentAddress (1.3.6.1.4.1.14706.1.1.3) | read-only | No | As per MIB |

## sFlowRcvrTable

**OID: 1.3.6.1.4.1.14706.1.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sFlowRcvrIndex (1.3.6.1.4.1.14706.1.1.4.1.1) | not-accessible | Current | Range from 1 to 10. |
| sFlowRcvrOwner (1.3.6.1.4.1.14706.1.1.4.1.2) | read-write | Current | When claim an sFlowRcvrTable entry, the entity taking control of the sampler must set both the owner and a value for sFlowRcvrTimeout in the same SNMP set request. |
| sFlowRcvrTimeout (1.3.6.1.4.1.14706.1.1.4.1.3) | read-write | Current | When reading or writing a permanent sFlowRcvrTable entry, the value will be -1. |
| sFlowRcvrMaximumDatagramSize (1.3.6.1.4.1.14706.1.1.4.1.4) | read-write | Current | Range from 200 to 3000. |
| sFlowRcvrAddressType (1.3.6.1.4.1.14706.1.1.4.1.5) | read-write | Current | As per MIB |
| sFlowRcvrAddress (1.3.6.1.4.1.14706.1.1.4.1.6) | read-write | Current | As per MIB |
| sFlowRcvrPort (1.3.6.1.4.1.14706.1.1.4.1.7) | read-write | Current | As per MIB |
| sFlowRcvrDatagramVersion (1.3.6.1.4.1.14706.1.1.4.1.8) | read-write | Current | Only support V5. |

## sFlowFsTable

**OID: 1.3.6.1.4.1.14706.1.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sFlowFsDataSource (1.3.6.1.4.1.14706.1.1.5.1.1) | not-accessible | Current | As per MIB |
| sFlowFsInstance (1.3.6.1.4.1.14706.1.1.5.1.2) | not-accessible | Current | When setting the sFlowFsTable, this value must be 1. Only one instance is supported for one datasource on device. |
| sFlowFsReceiver (1.3.6.1.4.1.14706.1.1.5.1.3) | read- write | Current | The range depends on sFlowRcvrTable. When the receiver expires, the value is not changed. |
| sFlowFsPacketSamplingRate (1.3.6.1.4.1.14706.1.1.5.1.4) | read- write | Current | The range is product specific. A sampling rate of 0 disables sampling. |
| sFlowFsMaximumHeaderSize (1.3.6.1.4.1.14706.1.1.5.1.5) | read- write | Current | Range from 18 to 512. |

## sFlowCpTable

**OID: 1.3.6.1.4.1.14706.1.1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sFlowCpDataSource (1.3.6.1.4.1.14706.1.1.6.1.1) | not-accessible | Current | As per MIB |
| sFlowCpInstance (1.3.6.1.4.1.14706.1.1.6.1.2) | not-accessible | Current | When setting the sFlowCpTable, this value must be 1. Only one instance is supported for one datasource on device. |
| sFlowCpReceiver (1.3.6.1.4.1.14706.1.1.6.1.3) | read- write | Current | The range depends on sFlowRcvrTable. When the receiver expires, the value is not changed. |
| sFlowCpInterval (1.3.6.1.4.1.14706.1.1.6.1.4) | read- write | Current | Range from 2 to 86400. A sampling interval of 0 disables counter sampling. |

# SNMP-FRAMEWORK-MIB

## Snmp Framework AdminSnmp Engine Group

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpEngineID (1.3.6.1.6.3.10.2.1.1) | read-only | Current | As per MIB |
| snmpEngineBoots (1.3.6.1.6.3.10.2.1.2) | read-only | Yes | See the algorithm of snmpEngineBoots below |
| snmpEngineTime (1.3.6.1.6.3.10.2.1.3) | read-only | No | As per MIB |
| snmpEngineMaxMessageSize (1.3.6.1.6.3.10.2.1.4) | read-only | Current | As per MIB |

## The allocation algorithm of snmpEngineID

The snmpEngineID has a length of 16 octets:

The first four octets are set to the binary equivalent of the agent's SNMP management private enterprise number as assigned by the Internet Assigned Numbers Authority (IANA), and The very first bit is set to 1. For example, if H3C Networks has been assigned enterprises 25506, the first four octets would be assigned '800063A2'H.

For routers, the remaining eight octets are random octets.

For switches, the fifth octet is 8 indicates that the following is enterprise-specified. The following six octets are the MAC address. The remaining four octets are the MDC number.

## The algorithm of snmpEngineBoots

If SNMP becomes enabled from disabled, then the snmpEngineBoots increments 1.

If the snmpEngineID has been configured and its value differs from the former one, then the snmpEngineBoots is reverted to 1.

If the snmpEngineTime reachs its maximum value then the snmpEngineBoots increments 1.

# SNMP-MPD-MIB

## SnmpMPDStats

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpUnknownSecurityModels (1.3.6.1.6.3.11.2.1.1) | read-only | No | As per MIB |
| snmpInvalidMsgs (1.3.6.1.6.3.11.2.1.2) | read-only | No | As per MIB |
| snmpUnknownPDUHandlers (1.3.6.1.6.3.11.2.1.3) | read-only | No | As per MIB |

# SNMP-NOTIFICATION-MIB

## snmpNotifyTable

**OID: 1.3.6.1.6.3.13.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpNotifyName (1.3.6.1.6.3.13.1.1.1.1) | not-accessible | No | As per MIB |
| snmpNotifyTag (1.3.6.1.6.3.13.1.1.1.2) | read-create | Current | As per MIB |
| snmpNotifyType (1.3.6.1.6.3.13.1.1.1.3) | read-create | Current | As per MIB |
| snmpNotifyStorageType (1.3.6.1.6.3.13.1.1.1.4) | read-create | Current | As per MIB |
| snmpNotifyRowStatus (1.3.6.1.6.3.13.1.1.1.5) | read-create | Current | As per MIB |

## snmpNotifyFilterProfileTable

**OID: 1.3.6.1.6.3.13.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpNotifyFilterProfileName (1.3.6.1.6.3.13.1.2.1.1) | read-create | No | As per MIB |
| snmpNotifyFilterProfileStorType (1.3.6.1.6.3.13.1.2.1.2) | read-create | No | As per MIB |
| snmpNotifyFilterProfileRowStatus (1.3.6.1.6.3.13.1.2.1.3) | read-create | No | As per MIB |

## snmpNotifyFilterTable

**OID: 1.3.6.1.6.3.13.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpNotifyFilterSubtree (1.3.6.1.6.3.13.1.3.1.1) | not-accessible | No | As per MIB |
| snmpNotifyFilterMask (1.3.6.1.6.3.13.1.3.1.2) | read-create | No | As per MIB |
| snmpNotifyFilterType (1.3.6.1.6.3.13.1.3.1.3) | read-create | No | As per MIB |
| snmpNotifyFilterStorageType (1.3.6.1.6.3.13.1.3.1.4) | read-create | No | As per MIB |
| snmpNotifyFilterRowStatus (1.3.6.1.6.3.13.1.3.1.5) | read-create | No | As per MIB |

# SNMP-TARGET-MIB

snmpTargetAddrTable and snmpTargetParamsTable combined are used to create a valid target host row in device. The command line corresponding to this entry can be displayed as “snmp-agent target-host trap address udp-domain …”. There are some rules need conformed with.

For a valid target host entry which is made up of one entry in snmpTargetAddrTable and another entry in snmpTargetParamsTable:

The value of snmpTargetAddrName is the same as the value of snmpTargetAddrParams.

* The value of snmpTargetAddrParams is the same as the value of snmpTargetParamsName.
* The value format of snmpTargetAddrName is something like “traphost.” + snmpTargetParamsSecurityName + IpAddress+ VPN Instance name. The IpAddress is the ip address part of snmpTargetAddrTAddress. If not support VPN，VPN Instance name does not need to be configured.
* The value of snmpTargetAddrTagList must be octect string “TrapHost”.
* For IPV4, the value of snmpTargetAddrTDomain must be snmpUDPDomain.
* The value of snmpTargetAddrStorageType should be nonVolatile.
* The length of snmpTargetParamsSecurityName in snmpTargetAddrParams restricted in 1 to 32 octets.
* The length of VPN Instance name in snmpTargetAddrParams restricted in 1 to 31 octets.

## Scalar objects of snmpTargetObjects group

**OID: 1.3.6.1.6.3.12.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpTargetSpinLock (1.3.6.1.6.3.12.1.1) | read-write | No | As per MIB |
| snmpUnavailableContexts (1.3.6.1.6.3.12.1.4) | read-only | No | As per MIB |
| snmpUnknownContexts (1.3.6.1.6.3.12.1.5) | read-only | No | As per MIB |

## snmpTargetAddrTable

**OID: 1.3.6.1.6.3.12.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpTargetAddrName (1.3.6.1.6.3.12.1.2.1.1) | not-accessible | Current | The length of snmpTargetAddrName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’). |
| snmpTargetAddrTDomain (1.3.6.1.6.3.12.1.2.1.2) | read-create | Current | This object should be snmpUDPDomain |
| snmpTargetAddrTAddress (1.3.6.1.6.3.12.1.2.1.3) | read-create | Current | The IpAddress should be the ip address part of snmpTargetAddrTAddress |
| snmpTargetAddrTimeout (1.3.6.1.6.3.12.1.2.1.4) | read-create | No | As per MIB |
| snmpTargetAddrRetryCount (1.3.6.1.6.3.12.1.2.1.5) | read-create | No | As per MIB |
| snmpTargetAddrTagList (1.3.6.1.6.3.12.1.2.1.6) | read-create | Current | The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’). The target host is valid only when the value of this object is “TrapHost” or “InformHost”, |
| snmpTargetAddrParams (1.3.6.1.6.3.12.1.2.1.7) | read-create | Current | The length of snmpTargetAddrParams is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’). |
| snmpTargetAddrStorageType (1.3.6.1.6.3.12.1.2.1.8) | read-create | Current | The conceptual row can be created, modified and deleted. It can be modified to other values, but only ‘nonVolatile’ is valid. |
| snmpTargetAddrRowStatus (1.3.6.1.6.3.12.1.2.1.9) | read-create | Current | As per MIB |

## snmpTargetParamsTable

**OID: 1.3.6.1.6.3.12.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpTargetParamsName (1.3.6.1.6.3.12.1.3.1.1) | not-accessible | Current | The length of snmpTargetParamsName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’). |
| snmpTargetParamsMPModel (1.3.6.1.6.3.12.1.3.1.2) | read-create | Current | As per MIB |
| snmpTargetParamsSecurityModel (1.3.6.1.6.3.12.1.3.1.3) | read-create | Current | As per MIB |
| snmpTargetParamsSecurityName (1.3.6.1.6.3.12.1.3.1.4) | read-create | Current | As per MIB |
| snmpTargetParamsSecurityLevel (1.3.6.1.6.3.12.1.3.1.5) | read-create | Current | As per MIB |
| snmpTargetParamsStorageType (1.3.6.1.6.3.12.1.3.1.6) | read-create | Current | The conceptual row can be created, modified and deleted. It can be modified to other values, but only ‘nonVolatile’ is valid. |
| snmpTargetParamsRowStatus (1.3.6.1.6.3.12.1.3.1.7) | read-create | Current | As per MIB |

(1)The following is an example:

\*\*\*\*\* SNMP QUERY STARTED \*\*\*\*\*

1: snmpTargetSpinLock.0 (integer) 13736

2: [Loaded: SNMPv2-TM] snmpTargetAddrTDomain.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (object identifier) snmpUDPDomain

3: snmpTargetAddrTAddress.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) A9.FE.4C.4C.00.A2 (hex)

4: snmpTargetAddrTimeout.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1500

5: snmpTargetAddrRetryCount.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 3

6: snmpTargetAddrTagList.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) TrapHost [54.72.61.70.48.6F.73.74 (hex)]

7: snmpTargetAddrParams.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) traphost.gl.169.254.76.76 [74.72.61.70.68.6F.73.74.2E.67.6C.2E.31.36.39.2E.32.35.34.2E.37.36.2E.37.36 (hex)]

8: snmpTargetAddrStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)

9: snmpTargetAddrRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

10: snmpTargetParamsMPModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 0

11: snmpTargetParamsSecurityModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1

12: snmpTargetParamsSecurityName.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) gl [67.6C (hex)]

13: snmpTargetParamsSecurityLevel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) noAuthNoPriv(1)

14: snmpTargetParamsStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)

15: snmpTargetParamsRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

16: snmpUnavailableContexts.0 (counter) 0

17: snmpUnknownContexts.0 (counter) 0

\*\*\*\*\* SNMP QUERY FINISHED \*\*\*\*\*

Above is a retrieve for SNMP TARGET entry.

Here the index of this entry is 116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54, which is the hex code of string "traphost.gl.169.254.76.76"

The first part, 116.114.97.112.104.111.115.116.46, is hex code of "traphost." string.

The second part, 103.108.46, is ascii code of "gl.".

The last part, 46.49.54.57.46.50.53.52.46.55.54.46.55.54, is hex code of "169.254.76.76".

# SNMP-USER-BASED-SM-MIB

## usmStats group

**OID: 1.3.6.1.6.3.15.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usmStatsUnsupportedSecLevels (1.3.6.1.6.3.15.1.1.1) | read-only | No | As per MIB |
| usmStatsNotInTimeWindows (1.3.6.1.6.3.15.1.1.2) | read-only | No | As per MIB |
| usmStatsUnknownUserNames (1.3.6.1.6.3.15.1.1.3) | read-only | No | As per MIB |
| usmStatsUnknownEngineIDs (1.3.6.1.6.3.15.1.1.4) | read-only | No | As per MIB |
| usmStatsWrongDigests (1.3.6.1.6.3.15.1.1.5) | read-only | No | As per MIB |
| usmStatsDecryptionErrors (1.3.6.1.6.3.15.1.1.6) | read-only | No | As per MIB |

## Scalar objects of usmUser Group

**OID: 1.3.6.1.6.3.15.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usmUserSpinLock (1.3.6.1.6.3.15.1.2.1) | read-write | No | As per MIB |

## usmUserTable of usmUser Group

OID: 1.3.6.1.6.3.15.1.2.2

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| usmUserEngineID (1.3.6.1.6.3.15.1.2.2.1.1) | not-accessible | No | As per MIB |
| usmUserName (1.3.6.1.6.3.15.1.2.2.1.2) | not-accessible | Current | The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| usmUserSecurityName (1.3.6.1.6.3.15.1.2.2.1.3) | read-only | Current | As per MIB |
| usmUserCloneFrom (1.3.6.1.6.3.15.1.2.2.1.4) | read-create | No | When creating a new user, this object must be specified.  When this object is read, the ZeroDotZero OID is returned  For this object of a user who is created by command line, set operations are successful but invoke no action to be taken. |
| usmUserAuthProtocol (1.3.6.1.6.3.15.1.2.2.1.5) | read-create | Current | As per MIB |
| usmUserAuthKeyChange (1.3.6.1.6.3.15.1.2.2.1.6) | read-create | No | When this object is read, the zero-length(empty) string is returned |
| usmUserOwnAuthKeyChange (1.3.6.1.6.3.15.1.2.2.1.7) | read-create | No | When this object is read, the zero-length(empty) string is returned |
| usmUserPrivProtocol (1.3.6.1.6.3.15.1.2.2.1.8) | read-create | Current | As per MIB |
| usmUserPrivKeyChange (1.3.6.1.6.3.15.1.2.2.1.9) | read-create | No | When this object is read, the zero-length(empty) string is returned |
| usmUserOwnPrivKeyChange (1.3.6.1.6.3.15.1.2.2.1.10) | read-create | No | When this object is read, the zero-length(empty) string is returned |
| usmUserPublic (1.3.6.1.6.3.15.1.2.2.1.11) | read-create | No | As per MIB |
| usmUserStorageType (1.3.6.1.6.3.15.1.2.2.1.12) | read-create | No | Only support nonVolatile(3) |
| usmUserStatus (1.3.6.1.6.3.15.1.2.2.1.13) | read-create | No | As per MIB |

# SNMPv2-MIB

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| sysORLastChange (1.3.6.1.2.1.1.8) | read-only | No | Not supported |
| snmpTrapOID (1.3.6.1.6.3.1.1.4.1) | accessible-for-notify | No | As per MIB |
| snmpTrapEnterprise (1.3.6.1.6.3.1.1.4.3) | accessible-for-notify | No | As per MIB |
| snmpSetSerialNo (1.3.6.1.6.3.1.1.6.1) | read-write | No | As per MIB |

## snmp Group{mib-2.11}

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| snmpSilentDrops (1.3.6.1.2.1.11.31) | read-only | No | As per MIB |
| snmpProxyDrops (1.3.6.1.2.1.11.32) | read-only | No | The value is always 0 |

# SNMP-VIEW-BASED-ACM-MIB

## vacmContextTable

**OID: 1.3.6.1.6.3.16.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vacmContextName (1.3.6.1.6.3.16.1.1.1.1) | read-only | No | As per MIB |

## vacmSecurityToGroupTable

**OID: 1.3.6.1.6.3.16.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vacmSecurityModel (1.3.6.1.6.3.16.1.2.1.1) | not-accessible | Current | As per MIB |
| vacmSecurityName (1.3.6.1.6.3.16.1.2.1.2) | not-accessible | Current | The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmGroupName (1.3.6.1.6.3.16.1.2.1.3) | read-create | Current | The length of value is range from 1 to 32  The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmSecurityToGroupStorageType (1.3.6.1.6.3.16.1.2.1.4) | read-create | No | Only support nonVolatile(3) |
| vacmSecurityToGroupStatus (1.3.6.1.6.3.16.1.2.1.5) | read-create | No | As per MIB |

## vacmAccessTable

**OID: 1.3.6.1.6.3.16.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vacmAccessContextPrefix (1.3.6.1.6.3.16.1.4.1.1) | not-accessible | No | One of the indexes of vacmAccessTable. The value ,must be assigned to “-”. Otherwise the index is invalid |
| vacmAccessSecurityModel (1.3.6.1.6.3.16.1.4.1.2) | not-accessible | Current | As per MIB |
| vacmAccessSecurityLevel (1.3.6.1.6.3.16.1.4.1.3) | not-accessible | Current | As per MIB |
| vacmAccessContextMatch (1.3.6.1.6.3.16.1.4.1.4) | read-create | No | The default value is exact(1) |
| vacmAccessReadViewName (1.3.6.1.6.3.16.1.4.1.5) | read-create | Current | The length of value is range from 0 to 32  The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmAccessWriteViewName (1.3.6.1.6.3.16.1.4.1.6) | read-create | Current | The length of value is range from 0 to 32  The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmAccessNotifyViewName (1.3.6.1.6.3.16.1.4.1.7) | read-create | Current | The length of value is range from 0 to 32  The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmAccessStorageType (1.3.6.1.6.3.16.1.4.1.8) | read-create | No | Only support nonVolatile(3) |
| vacmAccessStatus (1.3.6.1.6.3.16.1.4.1.9) | read-create | No | As per MIB |

## Scalar objects of vacmMIBViews group

**OID: 1.3.6.1.6.3.16.1.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vacmViewSpinLock (1.3.6.1.6.3.16.1.5.1) | read-write | No | As per MIB |

## vacmViewTreeFamilyTable of vacmMIBViews group

**OID: 1.3.6.1.6.3.16.1.5.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vacmViewTreeFamilyViewName (1.3.6.1.6.3.16.1.5.2.1.1) | not-accessible | Current | The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’) |
| vacmViewTreeFamilySubtree (1.3.6.1.6.3.16.1.5.2.1.2) | not-accessible | Current | As per MIB |
| vacmViewTreeFamilyMask (1.3.6.1.6.3.16.1.5.2.1.3) | read-create | Current | The default value is empty string |
| vacmViewTreeFamilyType (1.3.6.1.6.3.16.1.5.2.1.4) | read-create | Current | The default value is included(1) |
| vacmViewTreeFamilyStorageType (1.3.6.1.6.3.16.1.5.2.1.5) | read-create | No | Only support nonVolatile(3) |
| vacmViewTreeFamilyStatus (1.3.6.1.6.3.16.1.5.2.1.6) | read-create | No | As per MIB |

# TCP-MIB

RFC4022-MIB update the TCP Group in RFC1213-MIB.

TCP Group{mib-2.6}

## Scalar objects

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpRtoAlgorithm (1.3.6.1.2.1.6.1) | read-only | No | As per MIB |
| tcpRtoMin (1.3.6.1.2.1.6.2) | read-only | No | As per MIB |
| tcpRtoMax (1.3.6.1.2.1.6.3) | read-only | No | As per MIB |
| tcpMaxConn (1.3.6.1.2.1.6.4) | read-only | No | As per MIB |
| tcpActiveOpens (1.3.6.1.2.1.6.5) | read-only | No | As per MIB |
| tcpPassiveOpens (1.3.6.1.2.1.6.6) | read-only | No | As per MIB |
| tcpAttemptFails (1.3.6.1.2.1.6.7) | read-only | No | As per MIB |
| tcpEstabResets (1.3.6.1.2.1.6.8) | read-only | No | As per MIB |
| tcpCurrEstab (1.3.6.1.2.1.6.9) | read-only | No | As per MIB |
| tcpInSegs (1.3.6.1.2.1.6.10) | read-only | No | As per MIB |
| tcpOutSegs (1.3.6.1.2.1.6.11) | read-only | No | As per MIB |
| tcpRetransSegs (1.3.6.1.2.1.6.12) | read-only | No | As per MIB |
| tcpInErrs (1.3.6.1.2.1.6.14) | read-only | No | As per MIB |
| tcpOutRsts (1.3.6.1.2.1.6.15) | read-only | No | As per MIB |
| tcpHCInSegs (1.3.6.1.2.1.6.17) | read-only | No | Not supported |
| tcpHCOutSegs (1.3.6.1.2.1.6.18) | read-only | No | Not supported |

## tcpConnTable

**OID: 1.3.6.1.2.1.6.13**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpConnState (1.3.6.1.2.1.6.13.1.1) | read-write | No | Not writable |
| tcpConnLocalAddress (1.3.6.1.2.1.6.13.1.2) | read-only | No | As per MIB |
| tcpConnLocalPort (1.3.6.1.2.1.6.13.1.3) | read-only | No | As per MIB |
| tcpConnRemAddress (1.3.6.1.2.1.6.13.1.4) | read-only | No | As per MIB |
| tcpConnRemPort (1.3.6.1.2.1.6.13.1.5) | read-only | No | As per MIB |

## tcpConnectionTable

**OID: 1.3.6.1.2.1.6.19**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpConnectionLocalAddressType (1.3.6.1.2.1.6.19.1.1) | not-accessible | No | Only support ipv4(1) and ipv6 (2) |
| tcpConnectionLocalAddress (1.3.6.1.2.1.6.19.1.2) | not-accessible | No | As per MIB |
| tcpConnectionLocalPort (1.3.6.1.2.1.6.19.1.3) | not-accessible | No | As per MIB |
| tcpConnectionRemAddressType (1.3.6.1.2.1.6.19.1.4) | not-accessible | No | Only support ipv4(1) and ipv6 (2) |
| tcpConnectionRemAddress (1.3.6.1.2.1.6.19.1.5) | not-accessible | No | As per MIB |
| tcpConnectionRemPort (1.3.6.1.2.1.6.19.1.6) | not-accessible | No | As per MIB |
| tcpConnectionState (1.3.6.1.2.1.6.19.1.7) | read-write | No | Only support read operation |
| tcpConnectionProcess (1.3.6.1.2.1.6.19.1.8) | read-only | No | As per MIB |

## tcpListenerTable

**OID: 1.3.6.1.2.1.6.20**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tcpListenerLocalAddressType (1.3.6.1.2.1.6.20.1.1) | not-accessible | No | Only support ipv4(1) and ipv6 (2) |
| tcpListenerLocalAddress (1.3.6.1.2.1.6.20.1.2) | not-accessible | No | As per MIB |
| tcpListenerLocalPort (1.3.6.1.2.1.6.20.1.3) | not-accessible | No | As per MIB |
| tcpListenerProcess (1.3.6.1.2.1.6.20.1.4) | read-only | No | As per MIB |

# TE-MIB

## scalar objects of teInfo

**OID: 1.3.6.1.2.1.122.1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| teDisProtocol  (1.3.6.1.2.1.122.1.1.1) | read-only | Current | As per MIB |
| teSignalingProto  (1.3.6.1.2.1.122.1.1.2) | read-only | Current | As per MIB |
| teNotificationEnable  (1.3.6.1.2.1.122.1.1.3) | read-write | Current | As per MIB |
| teNextTunnelIndex  (1.3.6.1.2.1.122.1.1.4) | read-only | Current | As per MIB |
| teNextPathHopIndex  (1.3.6.1.2.1.122.1.1.5) | read-only | Current | As per MIB |
| teConfiguredTunnels  (1.3.6.1.2.1.122.1.1.6) | read-only | Current | As per MIB |
| teActiveTunnels  (1.3.6.1.2.1.122.1.1.7) | read-only | Current | As per MIB |
| tePrimaryTunnels  (1.3.6.1.2.1.122.1.1.8) | read-only | Current | As per MIB |

## teAdminGroupTable

**OID: 1.3.6.1.2.1.122.1.1.9**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| teAdminGroupNumber  (1.3.6.1.2.1.122.1.1.9.1.1) | not-accessible | No | Not supported |
| teAdminGroupName  (1.3.6.1.2.1.122.1.1.9.1.2) | read-create | Current | Not supported |
| teAdminGroupRowStatus  (1.3.6.1.2.1.122.1.1.9.1.3) | read-create | Current | Not supported |

## teTunnelTable

**OID: 1.3.6.1.2.1.122.1.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| teTunnelIndex  (1.3.6.1.2.1.122.1.2.1.1) | not-accessible | No | As per MIB |
| teTunnelName  (1.3.6.1.2.1.122.1.2.1.2) | read-create | Current | As per MIB |
| teTunnelNextPathIndex  (1.3.6.1.2.1.122.1.2.1.3) | read-only | Current | As per MIB |
| teTunnelRowStatus  (1.3.6.1.2.1.122.1.2.1.4) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| teTunnelStorageType  (1.3.6.1.2.1.122.1.2.1.5) | read-create | Current | Not supported. The value is always nonvolatile(3) |
| teTunnelSourceAddressType  (1.3.6.1.2.1.122.1.2.1.6) | read-create | Current | Only support ipv4(1) |
| teTunnelSourceAddress  (1.3.6.1.2.1.122.1.2.1.7) | read-create | Current | Only support read operation |
| teTunnelDestinationAddressType  (1.3.6.1.2.1.122.1.2.1.8) | read-create | Current | Only support ipv4(1) |
| teTunnelDestinationAddress  (1.3.6.1.2.1.122.1.2.1.9) | read-create | Current | As per MIB |
| teTunnelState  (1.3.6.1.2.1.122.1.2.1.10) | read-only | Current | Only support up(2),  down(3) |
| teTunnelDiscontinuityTimer  (1.3.6.1.2.1.122.1.2.1.11) | read-only | No | Not supported. The value is always 0 |
| teTunnelOctets  (1.3.6.1.2.1.122.1.2.1.12) | read-only | No | Not supported. The value is always 0 |
| teTunnelPackets  (1.3.6.1.2.1.122.1.2.1.13) | read-only | No | Not supported. The value is always 0 |
| teTunnelLPOctets  (1.3.6.1.2.1.122.1.2.1.14) | read-only | No | Not supported. The value is always 0 |
| teTunnelLPPackets  (1.3.6.1.2.1.122.1.2.1.15) | read-only | No | Not supported. The value is always 0 |
| teTunnelAge  (1.3.6.1.2.1.122.1.2.1.16) | read-only | No | As per MIB |
| teTunnelTimeUp  (1.3.6.1.2.1.122.1.2.1.17) | read-only | No | As per MIB |
| teTunnelPrimaryTimeUp  (1.3.6.1.2.1.122.1.2.1.18) | read-only | No | As per MIB |
| teTunnelTransitions  (1.3.6.1.2.1.122.1.2.1.19) | read-only | No | As per MIB |
| teTunnelLastTransition  (1.3.6.1.2.1.122.1.2.1.20) | read-only | No | As per MIB |
| teTunnelPathChanges  (1.3.6.1.2.1.122.1.2.1.21) | read-only | No | As per MIB |
| teTunnelLastPathChange  (1.3.6.1.2.1.122.1.2.1.22) | read-only | No | As per MIB |
| teTunnelConfiguredPaths  (1.3.6.1.2.1.122.1.2.1.23) | read-only | Current | As per MIB |
| teTunnelStandbyPaths  (1.3.6.1.2.1.122.1.2.1.24) | read-only | Current | As per MIB |
| teTunnelOperationalPaths  (1.3.6.1.2.1.122.1.2.1.25) | read-only | Current | As per MIB |

## tePathTable

**OID: 1.3.6.1.2.1.122.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| tePathIndex  (1.3.6.1.2.1.122.1.3.1.1) | not-accessible | NO | As per MIB |
| tePathName  (1.3.6.1.2.1.122.1.3.1.2) | read-create | Current | Only support read operation |
| tePathRowStatus  (1.3.6.1.2.1.122.1.3.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| tePathStorageType  (1.3.6.1.2.1.122.1.3.1.4) | read-create | Current | Not supported. The value is always nonvolatile(3) |
| tePathType  (1.3.6.1.2.1.122.1.3.1.5) | read-create | Current | Only support primary(2), standby(3) |
| tePathConfiguredRoute (1.3.6.1.2.1.122.1.3.1.6) | read-create | Current | As per MIB |
| tePathBandwidth  (1.3.6.1.2.1.122.1.3.1.7) | read-create | Current | Only support read operation |
| tePathIncludeAny  (1.3.6.1.2.1.122.1.3.1.8) | read-create | Current | Not supported |
| tePathIncludeAll  (1.3.6.1.2.1.122.1.3.1.9) | read-create | Current | Not supported |
| tePathExclude  (1.3.6.1.2.1.122.1.3.1.10) | read-create | Current | Not supported |
| tePathSetupPriority  (1.3.6.1.2.1.122.1.3.1.11) | read-create | Current | Not supported |
| tePathHoldPriority  (1.3.6.1.2.1.122.1.3.1.12) | read-create | Current | Not supported |
| tePathProperties  (1.3.6.1.2.1.122.1.3.1.13) | read-create | Current | Not supported |
| tePathOperStatus  (1.3.6.1.2.1.122.1.3.1.14) | read-only | Current | Only support down(1) , dormant(3), operational(5) |
| tePathAdminStatus  (1.3.6.1.2.1.122.1.3.1.15) | read-create | Current | Not supported. The value is always normal(1). |
| tePathComputedRoute  (1.3.6.1.2.1.122.1.3.1.16) | read-only | No | As per MIB |
| tePathRecordedRoute  (1.3.6.1.2.1.122.1.3.1.17) | read-only | No | As per MIB |

## tePathHopTable

**OID: 1.3.6.1.2.1.122.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| teHopListIndex  (1.3.6.1.2.1.122.1.4.1.1) | not-accessible | No | As per MIB |
| tePathHopIndex  (1.3.6.1.2.1.122.1.4.1.2) | not-accessible | No | As per MIB |
| tePathHopRowStatus  (1.3.6.1.2.1.122.1.4.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |
| tePathHopStorageType  (1.3.6.1.2.1.122.1.4.1.4) | read-create | Current | Not supported. The value is always nonvolatile(3) |
| tePathHopAddrType  (1.3.6.1.2.1.122.1.4.1.5) | read-create | Current | Only support ipv4(1) |
| tePathHopAddress  (1.3.6.1.2.1.122.1.4.1.6) | read-create | Current | As per MIB |
| tePathHopType  (1.3.6.1.2.1.122.1.4.1.7) | read-only | Current | As per MIB |

# UDP-MIB

RFC4113-MIB update the UDP Group in RFC1213-MIB.

UDP Group{mib-2.7}

## Scalar objects

A statistics collection for UDP group.

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| udpInDatagrams (1.3.6.1.2.1.7.1) | read- only | No | As per MIB |
| udpNoPorts (1.3.6.1.2.1.7.2) | read-only | No | As per MIB |
| udpInErrors (1.3.6.1.2.1.7.3) | read-only | No | As per MIB |
| udpOutDatagrams (1.3.6.1.2.1.7.4) | read-only | No | As per MIB |
| udpHCInDatagrams (1.3.6.1.2.1.7.8) | read-only | No | Not supported |
| udpHCOutDatagrams (1.3.6.1.2.1.7.9) | read-only | No | Not supported |

## udpTable

**OID: 1.3.6.1.2.1.7.5**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| udpLocalAddress (1.3.6.1.2.1.7.5.1.1) | read-only | Current | As per MIB |
| udpLocalPort (1.3.6.1.2.1.7.5.1.2) | read-only | Current | As per MIB |

## udpEndpointTable

**OID: 1.3.6.1.2.1.7.7**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| udpEndpointLocalAddressType (1.3.6.1.2.1.7.7.1.1) | not-accessible | No | Only support ipv4(1) and ipv6 (2) |
| udpEndpointLocalAddress (1.3.6.1.2.1.7.7.1.2) | not-accessible | No | As per MIB |
| udpEndpointLocalPort (1.3.6.1.2.1.7.7.1.3) | not-accessible | No | As per MIB |
| udpEndpointRemoteAddressType (1.3.6.1.2.1.7.7.1.4) | not-accessible | No | Only support ipv4(1) and ipv6 (2) |
| udpEndpointRemoteAddress (1.3.6.1.2.1.7.7.1.5) | not-accessible | No | As per MIB |
| udpEndpointRemotePort (1.3.6.1.2.1.7.7.1.6) | not-accessible | No | As per MIB |
| udpEndpointInstance (1.3.6.1.2.1.7.7.1.7) | not-accessible | No | As per MIB |
| udpEndpointProcess (1.3.6.1.2.1.7.7.1.8) | read-only | No | As per MIB |

# VRRP-MIB

The corresponding function should be implemented before this MIB is supported.

## Scalar objects of vrrpOperations group

**OID: 1.3.6.1.2.1.68.1**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vrrpNodeVersion (1.3.6.1.2.1.68.1.1) | read-only | No | As per MIB |
| vrrpNotificationCntl (1.3.6.1.2.1.68.1.2) | read-write | No | As per MIB |
| vrrpTrapPacketSrc (1.3.6.1.2.1.68.1.5) | accessible-for-notify | No | As per MIB |
| vrrpTrapAuthErrorType (1.3.6.1.2.1.68.1.6) | accessible-for-notify | No | As per MIB |

## vrrpOperTable

**OID: 1.3.6.1.2.1.68.1.3**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vrrpOperVrId (1.3.6.1.2.1.68.1.3.1.1) | not-accessible | Current | As per MIB |
| vrrpOperVirtualMacAddr (1.3.6.1.2.1.68.1.3.1.2) | read-only | No | As per MIB |
| vrrpOperState (1.3.6.1.2.1.68.1.3.1.3) | read-only | No | As per MIB |
| vrrpOperAdminState (1.3.6.1.2.1.68.1.3.1.4) | read-create | No | As per MIB |
| vrrpOperPriority (1.3.6.1.2.1.68.1.3.1.5) | read-create | Current | As per MIB |
| vrrpOperIpAddrCount (1.3.6.1.2.1.68.1.3.1.6) | read-only | No | As per MIB |
| vrrpOperMasterIpAddr (1.3.6.1.2.1.68.1.3.1.7) | read-only | Current | As per MIB |
| vrrpOperPrimaryIpAddr (1.3.6.1.2.1.68.1.3.1.8) | read-create | Current | Only support read operation. |
| vrrpOperAuthType (1.3.6.1.2.1.68.1.3.1.9) | read-create | Current | Not supported. |
| vrrpOperAuthKey (1.3.6.1.2.1.68.1.3.1.10) | read-create | Current | Not supported. |
| vrrpOperAdvertisementInterval (1.3.6.1.2.1.68.1.3.1.11) | read-create | Current | Range from 1 to 41. |
| vrrpOperPreemptMode (1.3.6.1.2.1.68.1.3.1.12) | read-create | Current | As per MIB |
| vrrpOperVirtualRouterUpTime (1.3.6.1.2.1.68.1.3.1.13) | read-only | No | As per MIB |
| vrrpOperProtocol (1.3.6.1.2.1.68.1.3.1.14) | read-create | Current | The value is always ip(1). |
| vrrpOperRowStatus (1.3.6.1.2.1.68.1.3.1.15) | read-create | No | As per MIB |

## vrrpAssoIpAddrTable

**OID: 1.3.6.1.2.1.68.1.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vrrpAssoIpAddr (1.3.6.1.2.1.68.1.4.1.1) | not-accessible | No | As per MIB |
| vrrpAssoIpAddrRowStatus (1.3.6.1.2.1.68.1.4.1.2) | read-create | No | Only support active(1) ,createAndgo(4) and destroy(6) |

## Scalar objects

**OID: 1.3.6.1.2.1.68.2**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vrrpRouterChecksumErrors (1.3.6.1.2.1.68.2.1) | read-only | No | As per MIB |
| vrrpRouterVersionErrors (1.3.6.1.2.1.68.2.2) | read-only | No | As per MIB |
| vrrpRouterVrIdErrors (1.3.6.1.2.1.68.2.3) | read-only | No | As per MIB |

## vrrpRouterStatsTable

**OID: 1.3.6.1.2.1.68.2.4**

|  |  |  |  |
| --- | --- | --- | --- |
| Object (OID) | Access | PDS | Comments |
| vrrpStatsBecomeMaster (1.3.6.1.2.1.68.2.4.1.1) | read-only | No | As per MIB |
| vrrpStatsAdvertiseRcvd (1.3.6.1.2.1.68.2.4.1.2) | read-only | No | As per MIB |
| vrrpStatsAdvertiseIntervalErrors (1.3.6.1.2.1.68.2.4.1.3) | read-only | No | As per MIB |
| vrrpStatsAuthFailures (1.3.6.1.2.1.68.2.4.1.4) | read-only | No | As per MIB |
| vrrpStatsIpTtlErrors (1.3.6.1.2.1.68.2.4.1.5) | read-only | No | As per MIB |
| vrrpStatsPriorityZeroPktsRcvd (1.3.6.1.2.1.68.2.4.1.6) | read-only | No | As per MIB |
| vrrpStatsPriorityZeroPktsSent (1.3.6.1.2.1.68.2.4.1.7) | read-only | No | As per MIB |
| vrrpStatsInvalidTypePktsRcvd (1.3.6.1.2.1.68.2.4.1.8) | read-only | No | As per MIB |
| vrrpStatsAddressListErrors (1.3.6.1.2.1.68.2.4.1.9) | read-only | No | As per MIB |
| vrrpStatsInvalidAuthType (1.3.6.1.2.1.68.2.4.1.10) | read-only | No | As per MIB |
| vrrpStatsAuthTypeMismatch (1.3.6.1.2.1.68.2.4.1.11) | read-only | No | As per MIB |
| vrrpStatsPacketLengthErrors (1.3.6.1.2.1.68.2.4.1.12) | read-only | No | As per MIB |

# IP-MIB

RFC4293-MIB update the IP Group in RFC1213-MIB.

IP Group {mib-2.4}

# Standard notifications

|  |  |  |
| --- | --- | --- |
| Notification (OID) | MIB | Comments |
| lldpRemTablesChange(1.0.8802.1.1.2.0.0.1) | LLDP-MIB | As per MIB |
| vrrpTrapNewMaster  (1.3.6.1.2.1.68.0.1) | VRRP-MIB | As per MIB |
| vrrpTrapAuthFailure (1.3.6.1.2.1.68.0.2) | VRRP-MIB | As per MIB |
| frTrapState (1.3.6.1.2.1.10.32.4.1) | FRAME-RELAY-DTE-MIB | As per MIB |
| mplsXCUp  (1.3.6.1.2.1.10.166.2.0.1) | MPLS-LSR-STD-MIB | This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the up state from some other state. |
| mplsXCDown  (1.3.6.1.2.1.10.166.2.0.2) | MPLS-LSR-STD-MIB | This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the down state from some other state. |
| mplsTunnelUp (1.3.6.1.2.1.10.166.3.0.1) | MPLS-TE-STD-MIB | As per MIB |
| mplsTunnelDown (1.3.6.1.2.1.10.166.3.0.2) | MPLS-TE-STD-MIB | As per MIB |
| mplsTunnelRerouted (1.3.6.1.2.1.10.166.3.0.3) | MPLS-TE-STD-MIB | As per MIB |
| mplsTunnelReoptmized (1.3.6.1.2.1.10.166.3.0.4) | MPLS-TE-STD-MIB | As per MIB |
| mplsLdpInitSessionThresholdExceeded (1.3.6.1.2.1.10.166.4.0.1) | MPLS-LDP-STD-MIB | As per MIB |
| mplsLdpSessionUp (1.3.6.1.2.1.10.166.4.0.3) | MPLS-LDP-STD-MIB | As per MIB |
| mplsLdpSessionDown (1.3.6.1.2.1.10.166.4.0.4) | MPLS-LDP-STD-MIB | As per MIB |
| pwDown(1.3.6.1.2.1.10.246.0.1) | PW-STD-MIB | As per MIB |
| pwUp(1.3.6.1.2.1.10.246.0.2) | PW-STD-MIB | As per MIB |
| pwDeleted(1.3.6.1.2.1.10.246.0.3) | PW-STD-MIB | As per MIB |
| ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1) | OSPF-TRAP-MIB | As per MIB |
| ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3) | OSPF-TRAP-MIB | As per MIB |
| ospfIfConfigError(1.3.6.1.2.1.14.16.2.4) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5) | OSPF-TRAP-MIB | As per MIB |
| ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7) | OSPF-TRAP-MIB | As per MIB |
| ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9) | OSPF-TRAP-MIB | As per MIB |
| ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11) | OSPF-TRAP-MIB | As per MIB |
| ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12) | OSPF-TRAP-MIB | As per MIB |
| ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13) | OSPF-TRAP-MIB | As per MIB |
| ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14) | OSPF-TRAP-MIB | As per MIB |
| ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.15) | OSPF-TRAP-MIB | As per MIB |
| ospfIfStateChange(1.3.6.1.2.1.14.16.2.16) | OSPF-TRAP-MIB | As per MIB |
| ospfNssaTranslatorStatusChange(1.3.6.1.2.1.14.16.2.17) | OSPF-TRAP-MIB | As per MIB |
| ospfRestartStatusChange(1.3.6.1.2.1.14.16.2.18) | OSPF-TRAP-MIB | As per MIB |
| ospfNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.19) | OSPF-TRAP-MIB | As per MIB |
| ospfVirtNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.20) | OSPF-TRAP-MIB | As per MIB |
| bgpEstablished (1.3.6.1.2.1.15.7.1) | BGP4-MIB | As per MIB |
| bgpBackwardTransition (1.3.6.1.2.1.15.7.2) | BGP4-MIB | As per MIB |
| bgpEstablishedNotification  (1.3.6.1.2.1.15.0.1) | BGP4-MIB | As per MIB |
| bgpBackwardTransNotification (1.3.6.1.2.1.15.0.2) | BGP4-MIB | As per MIB |
| risingAlarm (1.3.6.1.2.1.16.0.1) | RMON-MIB | As per MIB |
| fallingAlarm (1.3.6.1.2.1.16.0.2) | RMON-MIB | As per MIB |
| entConfigChange(1.3.6.1.2.1.47.2.0.1) | ENTITY-MIB | As per MIB |
| ipv6IfStateChange (1.3.6.1.2.1.55.2.0.1) | IPV6-MIB | As per MIB |
| pingProbeFailed  (1.3.6.1.2.1.80.0.1) | DISMAN-PING-MIB | As per MIB |
| pingTestFailed  (1.3.6.1.2.1.80.0.2) | DISMAN-PING-MIB | As per MIB |
| pingTestCompleted  (1.3.6.1.2.1.80.0.3) | DISMAN-PING-MIB | As per MIB |
| traceRoutePathChange  (1.3.6.1.2.1.81.0.1) | DISMAN-TRACEROUTE-MIB | As per MIB |
| traceRouteTestFailed  (1.3.6.1.2.1.81.0.2) | DISMAN-TRACEROUTE-MIB | As per MIB |
| traceRouteTestCompleted  (1.3.6.1.2.1.81.0.3) | DISMAN-TRACEROUTE-MIB | As per MIB |
| mteTriggerFired  (1.3.6.1.2.1.88.2.0.1) | DISMAN-EVENT-MIB | As per MIB |
| mteTriggerRising  (1.3.6.1.2.1.88.2.0.2) | DISMAN-EVENT-MIB | As per MIB |
| mteTriggerFalling  (1.3.6.1.2.1.88.2.0.3) | DISMAN-EVENT-MIB | As per MIB |
| mteTriggerFailure  (1.3.6.1.2.1.88.2.0.4) | DISMAN-EVENT-MIB | As per MIB |
| mteEventSetFailure  (1.3.6.1.2.1.88.2.0.5) | DISMAN-EVENT-MIB | As per MIB |
| pethPsePortOnOffNotification  (1.3.6.1.2.1.105.0.1) | POWER-ETHERNET-MIB | As per MIB |
| pethMainPowerUsageOnNotification(1.3.6.1.2.1.105.0.2) | POWER-ETHERNET-MIB | As per MIB |
| pethMainPowerUsageOffNotification(1.3.6.1.2.1.105.0.3) | POWER-ETHERNET-MIB | As per MIB |
| teTunnelUp  (1.3.6.1.2.1.122.0.1) | TE-MIB | As per MIB |
| teTunnelDown  (1.3.6.1.2.1.122.0.2) | TE-MIB | As per MIB |
| teTunnelChanged  (1.3.6.1.2.1.122.0.3) | TE-MIB | As per MIB |
| pimNeighborLoss (1.3.6.1.2.1.157.0.1) | PIM-STD-MIB | As per MIB |
| pimBsrElectedBSRLostElection  (1.3.6.1.2.1.172.0.1) | PIM-BSR-MIB | As per MIB |
| pimBsrCandidateBSRWinElection  (1.3.6.1.2.1.172.0.2) | PIM-BSR-MIB | As per MIB |
| ospfv3VirtIfStateChange(1.3.6.1.2.1.191.0.1) | OSPFV3-MIB | As per MIB |
| ospfv3NbrStateChange(1.3.6.1.2.1.191.0.2) | OSPFV3-MIB | As per MIB |
| ospfv3VirtNbrStateChange(1.3.6.1.2.1.191.0.3) | OSPFV3-MIB | As per MIB |
| ospfv3IfConfigError(1.3.6.1.2.1.191.0.4) | OSPFV3-MIB | As per MIB |
| ospfv3VirtIfConfigError(1.3.6.1.2.1.191.0.5) | OSPFV3-MIB | As per MIB |
| ospfv3IfRxBadPacket(1.3.6.1.2.1.191.0.6) | OSPFV3-MIB | As per MIB |
| ospfv3VirtIfRxBadPacket(1.3.6.1.2.1.191.0.7) | OSPFV3-MIB | As per MIB |
| ospfv3LsdbOverflow(1.3.6.1.2.1.191.0.8) | OSPFV3-MIB | As per MIB |
| ospfv3LsdbApproachingOverflow(1.3.6.1.2.1.191.0.9) | OSPFV3-MIB | As per MIB |
| ospfv3IfStateChange(1.3.6.1.2.1.191.0.10) | OSPFV3-MIB | As per MIB |
| ospfv3NssaTranslatorStatusChange(1.3.6.1.2.1.191.0.11) | OSPFV3-MIB | As per MIB |
| ospfv3RestartStatusChange(1.3.6.1.2.1.191.0.12) | OSPFV3-MIB | As per MIB |
| ospfv3NbrRestartHelperStatusChange(1.3.6.1.2.1.191.0.13) | OSPFV3-MIB | As per MIB |
| ospfv3VirtNbrRestartHelperStatusChange(1.3.6.1.2.1.191.0.14) | OSPFV3-MIB | As per MIB |
| mplsFrrFacilityInitialBackupTunnelInvoked (1.3.6.1.2.1.204.0.1) | MPLS-FRR-FACILITY-STD-MIB | As per MIB |
| mplsFrrFacilityFinalTunnelRestored (1.3.6.1.2.1.204.0.2) | MPLS-FRR-FACILITY-STD-MIB | As per MIB |
| coldStart (1.3.6.1.6.3.1.1.5.1) | SNMPv2-MIB | As per MIB |
| warmStart (1.3.6.1.6.3.1.1.5.2) | SNMPv2-MIB | As per MIB |
| linkDown (1.3.6.1.6.3.1.1.5.3) | IF-MIB | The varbinds as defined in RFC1573. This will be used for VPN tunnel interfaces as well. In the case of dynamic VPNs (auto-mesh) - the ifIndex in the linkDown trap may no longer exist in the ifTable. |
| linkUp (1.3.6.1.6.3.1.1.5.4) | IF-MIB | The varbinds as defined in RFC1573. This will be used for VPN tunnel interfaces as well. In the case of dynamic VPNs (auto-mesh) - the ifIndex in the linkUp trap may no longer exist in the ifTable. |
| authenticationFailure (1.3.6.1.6.3.1.1.5.5) | SNMPv2-MIB | As per MIB |
| lldpV2RemTablesChange  (1.3.111.2.802.1.1.13.0.0.1) | LLDP-V2-MIB | As per MIB |

# Private notifications

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| Notification (OID) | MIB | Comments |
| hh3cLogIn (1.3.6.1.4.1.25506.2.2.1.1.3.0.1) | HH3C-UI-MAN-MIB | As per MIB |
| hh3cLogOut (1.3.6.1.4.1.25506.2.2.1.1.3.0.2) | HH3C-UI-MAN-MIB | As per MIB |
| hh3cCfgManEventlog (1.3.6.1.4.1.25506.2.4.2.1) | HH3C-CONFIG-MAN-MIB | As per MIB |
| hh3cCfgOperateCompletion (1.3.6.1.4.1.25506.2.4.2.2) | HH3C-CONFIG-MAN-MIB | As per MIB |
| hh3cCfgInvalidConfigFile (1.3.6.1.4.1.25506.2.4.2.3) | HH3C-CONFIG-MAN-MIB | As per MIB |
| hh3cFlhOperNotification (1.3.6.1.4.1.25506.2.5.1.3.1) | HH3C-FLASH-MAN-MIB | As per MIB |
| hh3cEntityExtTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.1) | HH3C-ENTITY-EXT-MIB | If the device supports temperature monitor and entity extend MIB, this object will be supported. |
| hh3cEntityExtVoltageLowThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.2) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtVoltageHighThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.3) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtCpuUsageThresholdNotfication (1.3.6.1.4.1.25506.2.6.2.0.4) | HH3C-ENTITY-EXT-MIB | The notification is sent every 60 seconds until the CPU usage of the module goes down below the upper limit. |
| hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5) | HH3C-ENTITY-EXT-MIB | The notification is sent every 60 seconds until the memory usage of the module goes down below the upper limit. |
| hh3cEntityExtOperEnabled (1.3.6.1.4.1.25506.2.6.2.0.6) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtOperDisabled (1.3.6.1.4.1.25506.2.6.2.0.7) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtCriticalTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.8) | HH3C-ENTITY-EXT-MIB | If the device supports temperature monitor and entity extend MIB, this object will be supported. |
| hh3cEntityExtSFPAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.9) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtSFPAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.10) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtSFPPhony (1.3.6.1.4.1.25506.2.6.2.0.11) | HH3C-ENTITY-EXT-MIB | This module is NOT sold by H3C. H3C therefore shall NOT guarantee the normal function of the device or assume the maintenance responsibility thereof. The notification is generated periodically after a phony module has been found. |
| hh3cEntityInsert (1.3.6.1.4.1.25506.2.6.2.0.12) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityRemove (1.3.6.1.4.1.25506.2.6.2.0.13) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtForcedPowerOff (1.3.6.1.4.1.25506.2.6.2.0.14) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtForcedPowerOn (1.3.6.1.4.1.25506.2.6.2.0.15) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtFaultAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.16) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtFaultAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.17) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtResourceLack(1.3.6.1.4.1.25506.2.6.2.0.18) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtResourceEnough(1.3.6.1.4.1.25506.2.6.2.0.19) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtTemperatureLower (1.3.6.1.4.1.25506.2.6.2.0.20) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtTemperatureTooUp (1.3.6.1.4.1.25506.2.6.2.0.21) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtTemperatureNormal (1.3.6.1.4.1.25506.2.6.2.0.22) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExternalAlarmOccur (1.3.6.1.4.1.25506.2.6.2.0.23) | HH3C-ENTITY-EXT-MIB | The notification is generaged when the monitored device connected to the specified entity fails. |
| hh3cEntityExternalAlarmRecover (1.3.6.1.4.1.25506.2.6.2.0.24) | HH3C-ENTITY-EXT-MIB | The notification is generated when the failed device connected to the specified entity retruns to normal. |
| hh3cEntityExtCpuUsageThresholdRecover(1.3.6.1.4.1.25506.2.6.2.0.25) | HH3C-ENTITY-EXT-MIB | The notification indicates the CPU usage descends the threshold. |
| hh3cEntityExtMemUsageThresholdRecover(1.3.6.1.4.1.25506.2.6.2.0.26) | HH3C-ENTITY-EXT-MIB | The notification indicates the memory usage descends the threshold. |
| hh3cEntityExtCritLowerTempThresholdNotification(1.3.6.1.4.1.25506.2.6.2.0.29) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtTemperatureTooLow(1.3.6.1.4.1.25506.2.6.2.0.30) | HH3C-ENTITY-EXT-MIB | Not supported |
| hh3cEntityExtVoltageNormal (1.3.6.1.4.1.25506.2.6.2.0.37) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtVoltageLower (1.3.6.1.4.1.25506.2.6.2.0.38) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtVoltageTooLow (1.3.6.1.4.1.25506.2.6.2.0.39) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtVoltageHigher (1.3.6.1.4.1.25506.2.6.2.0.40) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtVoltageTooHigh (1.3.6.1.4.1.25506.2.6.2.0.41) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtSFPAlarmOnEx (1.3.6.1.4.1.25506.2.6.2.0.42) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cEntityExtSFPAlarmOffEx (1.3.6.1.4.1.25506.2.6.2.0.43) | HH3C-ENTITY-EXT-MIB | As per MIB |
| hh3cAclRuleMatchCount (1.3.6.1.4.1.25506.2.8.5.0.2) | HH3C-ACL-MIB | As per MIB |
| hh3cAclFirstIPv4PktCaptured(1.3.6.1.4.1.25506.2.8.5.0.3) | HH3C-ACL-MIB | Not supported |
| hh3cAclFirstIPv6PktCaptured(1.3.6.1.4.1.25506.2.8.5.0.4) | HH3C-ACL-MIB | Not supported |
| hh3cAclFirstEthernetPktCaptured(1.3.6.1.4.1.25506.2.8.5.0.5) | HH3C-ACL-MIB | Not supported |
| hh3cpsePDChangeNotification (1.3.6.1.4.1.25506.2.14.6.1) | HH3C-POWER-ETH-EXT-MIB | As per MIB |
| hh3cPosLOSAlarm  (1.3.6.1.4.1.25506.2.19.2.0.1) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLOFAlarm (1.3.6.1.4.1.25506.2.19.2.0.2) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosOOFAlarm  (1.3.6.1.4.1.25506.2.19.2.0.3) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLAISAlarm  (1.3.6.1.4.1.25506.2.19.2.0.4) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLRDIAlarm  (1.3.6.1.4.1.25506.2.19.2.0.5) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosPRDIAlarm  (1.3.6.1.4.1.25506.2.19.2.0.6) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosPAISAlarm  (1.3.6.1.4.1.25506.2.19.2.0.7) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLOPAlarm  (1.3.6.1.4.1.25506.2.19.2.0.8) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosSTIMAlarm (1.3.6.1.4.1.25506.2.19.2.0.9) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosPTIMAlarm (1.3.6.1.4.1.25506.2.19.2.0.10) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosPSLMAlarm  (1.3.6.1.4.1.25506.2.19.2.0.11) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLSDAlarm (1.3.6.1.4.1.25506.2.19.2.0.12) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosLSFAlarm  (1.3.6.1.4.1.25506.2.19.2.0.13) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosNormalAlarm (1.3.6.1.4.1.25506.2.19.2.0.14) | HH3C-PPP-OVER-SONET-MIB | Not supported |
| hh3cPosB1TCAlarm  (1.3.6.1.4.1.25506.2.19.2.0.15) | HH3C-PPP-OVER-SONET-MIB | As per MIB |
| hh3cPosB2TCAlarm  (1.3.6.1.4.1.25506.2.19.2.0.16) | HH3C-PPP-OVER-SONET-MIB | As per MIB |
| hh3cPosB3TCAlarm  (1.3.6.1.4.1.25506.2.19.2.0.17) | HH3C-PPP-OVER-SONET-MIB | As per MIB |
| hh3cSSHUserAuthFailure (1.3.6.1.4.1.25506.2.22.1.3.0.1) | HH3C-SSH-MIB | As per MIB |
| hh3cSSHVersionNegotiationFailure (1.3.6.1.4.1.25506.2.22.1.3.0.2) | HH3C-SSH-MIB | As per MIB |
| hh3cSSHUserLogin (1.3.6.1.4.1.25506.2.22.1.3.0.3) | HH3C-SSH-MIB | As per MIB |
| hh3cSSHUserLogoff (1.3.6.1.4.1.25506.2.22.1.3.0.4) | HH3C-SSH-MIB | As per MIB |
| hh3cIKETunnelStart (1.3.6.1.4.1.25506.2.30.1.6.1.1) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKETunnelStop (1.3.6.1.4.1.25506.2.30.1.6.1.2) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKENoSaFailure (1.3.6.1.4.1.25506.2.30.1.6.1.3) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEEncryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.4) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEDecryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.5) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEInvalidProposalFailure (1.3.6.1.4.1.25506.2.30.1.6.1.6) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEAuthFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.7) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEInvalidCookieFailure (1.3.6.1.4.1.25506.2.30.1.6.1.8) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEAttrNotSuppFailure (1.3.6.1.4.1.25506.2.30.1.6.1.9) | HH3C-IKE-MONITOR-MIB | Not supported |
| hh3cIKEUnsportExchTypeFailure (1.3.6.1.4.1.25506.2.30.1.6.1.10) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEInvalidIdFailure (1.3.6.1.4.1.25506.2.30.1.6.1.11) | HH3C-IKE-MONITOR-MIB | The object hh3cIKEIdInformation is not supported, will always return empty string. |
| hh3cIKEInvalidProtocolFailure (1.3.6.1.4.1.25506.2.30.1.6.1.12) | HH3C-IKE-MONITOR-MIB | The object hh3cIKEProtocolNum is not supported, will always return 0. |
| hh3cIKECertTypeUnsuppFailure (1.3.6.1.4.1.25506.2.30.1.6.1.13) | HH3C-IKE-MONITOR-MIB | Not supported |
| hh3cIKEInvalidCertAuthFailure (1.3.6.1.4.1.25506.2.30.1.6.1.14) | HH3C-IKE-MONITOR-MIB | Not supported |
| hh3cIKEInvalidSignFailure (1.3.6.1.4.1.25506.2.30.1.6.1.15) | HH3C-IKE-MONITOR-MIB | Not supported |
| hh3cIKECertUnavailableFailure (1.3.6.1.4.1.25506.2.30.1.6.1.16) | HH3C-IKE-MONITOR-MIB | The object hh3cIKECertInformation is not supported, will always return empty string. |
| hh3cIKEProposalAdd (1.3.6.1.4.1.25506.2.30.1.6.1.17) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cIKEProposalDel (1.3.6.1.4.1.25506.2.30.1.6.1.18) | HH3C-IKE-MONITOR-MIB | As per MIB |
| hh3cRtTabFullTrap (1.3.6.1.4.1.25506.2.38.1.3.5.1) | HH3C-TRAP-MIB | Send this trap when the routing table is filled. The interval between two traps generated should be longer than hh3cRtTabTrapInterval. |
| hh3cIpAddrFirstTrapTime(1.3.6.1.4.1.25506.2.67.2.1.4) | HH3C-IP-ADDRESS-MIB | As per MIB |
| hh3cIpAddressChangeNotify (1.3.6.1.4.1.25506.2.67.2.2.0.1) | HH3C-IP-ADDRESS-MIB | As per MIB |
| hh3cBfdSessStateUp (1.3.6.1.4.1.25506.2.72.0.3) | HH3C-BFD-STD-MIB | As per MIB |
| hh3cBfdSessStateDown(1.3.6.1.4.1.25506.2.72.0.4) | HH3C-BFD-STD-MIB | As per MIB |
| hh3cBfdSessReachLimit ( 1.3.6.1.4.1.25506.2.72.0.5) | HH3C-BFD-STD-MIB | As per MIB |
| hh3cE1T1VITrapTimeSlot (1.3.6.1.4.1.25506.2.76.2.0.1) | HH3C-E1T1VI-MIB | As per MIB |
| hh3cPosaServerStatusChange(1.3.6.1.4.1.25506.2.92.3.0.1) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaAppStateChange(1.3.6.1.4.1.25506.2.92.3.0.2) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaTerminalHangUp(1.3.6.1.4.1.25506.2.92.3.0.3) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaFcmLinkNegoFailed(1.3.6.1.4.1.25506.2.92.3.0.4) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaFcmPhyNegoFailed(1.3.6.1.4.1.25506.2.92.3.0.5) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaTcpConnectionExceed(1.3.6.1.4.1.25506.2.92.3.0.6) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaFcmConnectionExceed(1.3.6.1.4.1.25506.2.92.3.0.7) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaTcpTradeExceed(1.3.6.1.4.1.25506.2.92.3.0.8) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaTradeSuccessFalling(1.3.6.1.4.1.25506.2.92.3.0.9) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaE1DailFalling(1.3.6.1.4.1.25506.2.92.3.0.10) | HH3C-POSA-MIB | As per MIB |
| hh3cPosaFcmTradeAbnormal(1.3.6.1.4.1.25506.2.92.3.0.11) | HH3C-POSA-MIB | As per MIB |
| hh3cWirelessCardInsertedTrap (1.3.6.1.4.1.25506.2.98.3.0.1) | HH3C-3GMODEM-MIB | As per MIB |
| hh3cWirelessCardPulledOut  (1.3.6.1.4.1.25506.2.98.3.0.2) | HH3C-3GMODEM-MIB | As per MIB |
| hh3cAccessMediaChanged  (1.3.6.1.4.1.25506.2.98.3.0.5) | HH3C-3GMODEM-MIB | As per MIB |
| hh3c3GRssiStrongSignalTrap  (1.3.6.1.4.1.25506.2.98.3.0.6) | HH3C-3GMODEM-MIB | As per MIB |
| hh3c3GRssiMediumSignalTrap  (1.3.6.1.4.1.25506.2.98.3.0.7) | HH3C-3GMODEM-MIB | As per MIB |
| hh3c3GRssiWeakSignalTrap  (1.3.6.1.4.1.25506.2.98.3.0.8) | HH3C-3GMODEM-MIB | As per MIB |
| hh3cSmsRxNotification  (1.3.6.1.4.1.25506.2.98.3.0.10) | HH3C-3GMODEM-MIB | As per MIB |
| hh3cRmonExtRisingAlarm (1.3.6.1.4.1.25506.2.125.0.1) | HH3C-RMON-EXT2-MIB | As per MIB |
| hh3cRmonExtFallingAlarm (1.3.6.1.4.1.25506.2.125.0.2) | HH3C-RMON-EXT2-MIB | As per MIB |
| hh3cIPsecTunnelStartV2 (1.3.6.1.4.1.25506.2.126.1.9.0.1) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecTunnelStopV2 (1.3.6.1.4.1.25506.2.126.1.9.0.2) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecNoSaFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.3) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecAuthFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.4) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecEncryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.5) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecDecryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.6) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecInvalidSaFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.7) | HH3C-IPSEC-MONITOR-V2-MIB | Not supported |
| hh3cIPsecPolicyAddV2 (1.3.6.1.4.1.25506.2.126.1.9.0.8) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecPolicyDelV2 (1.3.6.1.4.1.25506.2.126.1.9.0.9) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecPolicyAttachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.10) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cIPsecPolicyDetachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.11) | HH3C-IPSEC-MONITOR-V2-MIB | As per MIB |
| hh3cLicenseOpCompletion (1.3.6.1.4.1.25506.2.145.3.0.1) | HH3C-LICENSE-MIB | As per MIB |
| hh3cLicenseActivationFileLost (1.3.6.1.4.1.25506.2.145.3.0.2) | HH3C-LICENSE-MIB | As per MIB |
| hh3cLicenseActivationFileRestored (1.3.6.1.4.1.25506.2.145.3.0.3) | HH3C-LICENSE-MIB | As per MIB |
| hh3cLicenseExpired (1.3.6.1.4.1.25506.2.145.3.0.4) | HH3C-LICENSE-MIB | As per MIB |
| hh3cLicenseExpireWarning (1.3.6.1.4.1.25506.2.145.3.0.5) | HH3C-LICENSE-MIB | As per MIB |
| hh3cWriteSuccessTrap (1.3.6.1.4.1.25506.6.8.1) | HH3C-COMMON-SYSTEM-MIB | Not supported |
| hh3cWriteFailureTrap (1.3.6.1.4.1.25506.6.8.2) | HH3C-COMMON-SYSTEM-MIB | Not supported |
| hh3cRebootSendTrap (1.3.6.1.4.1.25506.6.8.3) | HH3C-COMMON-SYSTEM-MIB | As per MIB |
| hh3cSysColdStartTrap (1.3.6.1.4.1.25506.6.8.4) | HH3C-COMMON-SYSTEM-MIB | Not supported |
| hh3cSysWarmStartTrap (1.3.6.1.4.1.25506.6.8.5) | HH3C-COMMON-SYSTEM-MIB | Not supported |
| hh3cNqaProbeTimeOverThreshold(1.3.6.1.4.1.25506.8.3.3.1) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaJitterRTTOverThreshold  (1.3.6.1.4.1.25506.8.3.3.2) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaProbeFailure  (1.3.6.1.4.1.25506.8.3.3.3) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaJitterPacketLoss  (1.3.6.1.4.1.25506.8.3.3.4) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaJitterSDOverThreshold  (1.3.6.1.4.1.25506.8.3.3.5) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaJitterDSOverThreshold  (1.3.6.1.4.1.25506.8.3.3.6) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaICPIFOverThreshold  (1.3.6.1.4.1.25506.8.3.3.7) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaMOSOverThreshold  (1.3.6.1.4.1.25506.8.3.3.8) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaProbeTimeAboveThreshold(1.3.6.1.4.1.25506.8.3.3.10) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaProbeTimeBelowThreshold(1.3.6.1.4.1.25506.8.3.3.11) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaProbeFailAboveThreshold(1.3.6.1.4.1.25506.8.3.3.12) | HH3C-NQA-MIB | As per MIB |
| hh3cNqaProbeFailBelowThreshold(1.3.6.1.4.1.25506.8.3.3.13) | HH3C-NQA-MIB | As per MIB |
| hh3cAggPortInactiveNotification (1.3.6.1.4.1.25506.8.25.2.2) | HH3C-LAG-MIB | As per MIB |
| hh3cAggPortInactiveNotification2 (1.3.6.1.4.1.25506.8.25.2.3) | HH3C-LAG-MIB | As per MIB |
| hh3cAggPortActiveNotification (1.3.6.1.4.1.25506.8.25.2.4) | HH3C-LAG-MIB | As per MIB |
| hh3cCpuRemoved (1.3.6.1.4.1.25506.8.35.12.1.25) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cCpuFailure(1.3.6.1.4.1.25506.8.35.12.1.26) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cCpuNormal(1.3.6.1.4.1.25506.8.35.12.1.27) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cPortMstiStateDiscarding(1.3.6.1.4.1.25506.8.35.14.0.2) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cPvstVlanPortDetectedTc (1.3.6.1.4.1.25506.2.131.2.0.1) | HH3C-PVST-MIB | As per MIB |
| hh3cPvstVlanPortRcvdTc(1.3.6.1.4.1.25506.2.131.2.0.2) | HH3C-PVST-MIB | As per MIB |
| hh3cL2vpnPwSwitchPtoB (1.3.6.1.4.1.25506.2.162.0.1) | HH3C-L2VPN-MIB | As per MIB |
| hh3cL2vpnPwSwitchBtoP (1.3.6.1.4.1.25506.2.162.0.2) | HH3C-L2VPN-MIB | As per MIB |
| hh3cIfPortUp (1.3.6.1.4.1.25506.2.40.3.0.5) | HH3C-IF-EXT-MIB | As per MIB |
| hh3cIfPortDown(1.3.6.1.4.1.25506.2.40.3.0.6) | HH3C-IF-EXT-MIB | As per MIB |
| hh3cIfMonInputUsageRising(1.3.6.1.4.1.25506.2.40.6.0.1) | HH3C-IF-EXT-MIB | As per MIB |
| hh3cIfMonInputUsageResume(1.3.6.1.4.1.25506.2.40.6.0.2) | HH3C-IF-EXT-MIB | As per MIB |
| hh3cIfMonOutputUsageRising(1.3.6.1.4.1.25506.2.40.6.0.3) | HH3C-IF-EXT-MIB | As per MIB |
| hh3cIfMonOutputUsageResume(1.3.6.1.4.1.25506.2.40.6.0.4) | HH3C-IF-EXT-MIB | As per MIB |