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| HPE 5130EI Comware 7 MIB Companion |
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# 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 | Description |
| --- | --- | --- | --- |
| 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 | Description |
| --- | --- |
| 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

In this section, all public MIBs supported by platform are listed.

Any action to modify, delete, remove and add must be recorded in Revision History.

In File name column, the MIB file name must follow by the naming rule, which is the MIB module name prefixed with the RFC index like rfc2737-entity.mib. Note that file name is lowercase.

In MIB Version column, it indicates the MIB version used in devices.

| Module Name | File Name | comments | MIB Version |
| --- | --- | --- | --- |
| BGP4-MIB | rfc4273-bgp4.mib | Not support | RFC4273 |
| BRIDGE-MIB | rfc1493-bridge.mib |  | RFC1493 |
| DISMAN-PING-MIB | rfc2925-disman-ping.mib |  | RFC2925 |
| DOT3-OAM-MIB | rfc4878-dot3-oam.mib |  | RFC4878 |
| ENTITY-MIB | rfc4133-entity.mib |  | RFC4133 |
| EtherLike-MIB | rfc3635-EtherLike.mib |  | RFC3635 |
| FC-MGMT-MIB | rfc4044-fc-mgmt.mib | Not support | RFC4044 |
| IEEE8021-CFM-MIB | ieee8021-cfm.mib |  | IEEEP802.1ag |
| IEEE8021-CFM-V2-MIB | ieee8021-cfm-v2.mib |  | IEEE802.1Q |
| IEEE8023-LAG-MIB | ieee8023-lag.mib |  | IEEE8023 |
| IF-MIB | rfc2233-if.mib |  | RFC2233 |
| IGMP-STD-MIB | rfc2933-igmp-std.mib | Not support | RFC2933 |
| IP-MIB | rfc4293-ip.mib |  | RFC4293 |
| IP-FORWARD-MIB | rfc2096-ip-forward.mib |  | RFC2096 |
| IPV6-MIB | rfc2465-ipv6.mib |  | RFC2465 |
| 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 | Not support | RFC4444 |
| LLDP-MIB | lldp.mib |  | IEEE8021AB |
| LLDP-EXT-DOT1-MIB | lldp-ext-dot1.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-MIB | lldp-ext-dot3.mib |  | IEEE8021AB |
| 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 |
| MPLS-L3VPN-STD-MIB | rfc4382-mpls-l3vpn-std.mib | Not support | RFC4382 |
| OSPF-MIB | rfc4750-ospf.mib | Not support | RFC4750 |
| OSPF-TRAP-MIB | rfc4750-ospf-trap.mib | Not support | RFC4750 |
| P-BRIDGE-MIB | rfc2674-pbridge.mib |  | RFC2674 |
| Q-BRIDGE-MIB | rfc2674-qbridge.mib |  | RFC2674 |
| 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-TM | rfc3417-snmpv2-tm.mib |  | RFC3417 |
| SNMPv2-MIB | rfc3418-snmpv2.mib |  | RFC3418 |
| T11-FC-NAME-SERVER-MIB | rfc4438-t11-fc-name-server.mib | Not support | RFC4438 |
| T11-FC-ROUTE-MIB | rfc4625-t11-fc-route.mib | Not support | RFC4625 |
| T11-FC-VIRTUAL-FABRIC-MIB | rfc4747-t11-fc-virtual-fabric.mib | Not support | RFC4747 |
| T11-FC-ZONE-SERVER-MIB | rfc4936-t11-fc-zone-server.mib | Not support | RFC4936 |
| TCP-MIB | rfc4022-tcp.mib |  | RFC4022 |
| UDP-MIB | rfc4113-udp.mib |  | RFC4113 |
| VRRP-MIB | rfc2787-vrrp.mib | Not support | RFC2787 |

# List of private MIBs

| Module Name | File Name | comments | MIB Version |
| --- | --- | --- | --- |
| HH3C-ACL-MIB | hh3c-acl.mib |  | V3.1 |
| HH3C-ARP-RATELIMIT-MIB | hh3c-arp-ratelimit.mib |  | V1.0 |
| HH3C-CBQOS2-MIB | hh3c-cbqos2.mib |  | V1.8 |
| HH3C-COMMON-SYSTEM-MIB | hh3c-common-system.mib |  | V2.4 |
| HH3C-CONFIG-MAN-MIB | hh3c-config-man.mib |  | V2.4 |
| HH3C-DLDP2-MIB | hh3c-dldp2.mib |  | V1.0 |
| HH3C-DNS-MIB | hh3c-dns.mib |  | V1.0 |
| HH3C-ENTITY-EXT-MIB | hh3c-entity-ext.mib |  | V2.5 |
| HH3C-ENTRELATION-MIB | hh3c-entrelation.mib |  | V1.2 |
| HH3C-EVC-MIB | hh3c-evc.mib | Not support | V1.2 |
| HH3C-FCOE-MIB | hh3c-fcoe.mib | Not support | V1.0 |
| HH3C-FLASH-MAN-MIB | hh3c-flash-man.mib |  | V3.0 |
| HH3C-IF-EXT-MIB | hh3c-if-ext.mib |  | V1.6 |
| HH3C-IFQOS2-MIB | hh3c-ifqos2.mib |  | V1.6 |
| HH3C-IKE-MONITOR-MIB | hh3c-ike-monitor.mib | Not support | 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 | Not support | V1.0 |
| HH3C-IPV6-ADDRESS-MIB | hh3c-ipv6-address.mib |  | V1.0 |
| HH3C-LAG-MIB | hh3c-lag.mib |  | V1.7 |
| HH3C-LPBKDT-MIB | hh3c-lpbkdt.mib |  | V1.1 |
| HH3C-LSW-DEV-ADM-MIB | hh3c-lsw-dev-adm.mib |  | V3.60 |
| HH3C-LswDEVM-MIB | hh3c-splat-devm.mib |  | V2.2 |
| HH3C-LswINF-MIB | hh3c-splat-inf.mib |  | V3.4 |
| HH3C-LswMAM-MIB | hh3c-splat-mam.mib |  | V2.3 |
| HH3C-LswMix-MIB | hh3c-splat-mix.mib |  | V1.2 |
| HH3C-LswMSTP-MIB | hh3c-splat-mstp.mib |  | V1.15 |
| HH3C-LswVLAN-MIB | hh3c-splat-vlan.mib |  | V2.1 |
| HH3C-MAC-INFORMATION-MIB | hh3c-mac-information.mib |  | V1.1 |
| HH3C-MIRRORGROUP-MIB | hh3c-mirrorgroup.mib |  | V1.1 |
| HH3C-NQA-MIB | hh3c-nqa.mib |  | V1.0 |
| HH3C-NTP-MIB | hh3c-ntp.mib |  | V1.5 |
| HH3C-RMON-EXT2-MIB | hh3c-rmon-ext2.mib |  | V1.0 |
| HH3C-SSH-MIB | hh3c-ssh.mib |  | V1.0 |
| HH3C-STACK-MIB | hh3c-stack.mib |  | V1.0 |
| HH3C-STORM-CONSTRAIN-MIB | hh3c-storm-constrain.mib |  | V1.1 |
| HH3C-SYS-MAN-MIB | hh3c-sys-man.mib |  | V2.4 |
| HH3C-TRANSCEIVER-INFO-MIB | hh3c-transceiver-info.mib |  | V1.3 |
| HH3C-TRAP-MIB | hh3c-trap.mib |  | V1.5 |
| HH3C-TRNG2-MIB | hh3c-trng2.mib |  | V1.0 |
| HH3C-UI-MAN-MIB | hh3c-ui-man.mib |  | V1.6 |
| HH3C-VSI-MIB | hh3c-vsi.mib | Not support | V1.1 |
| HH3C-PORT-SECURITY-MIB | hh3c-port-security.mib |  | V1.7 |

# Standard notifications

This section contains a list of the traps/notification defined in the standard MIB (defined by IETF, IEEE or other standard organization).

| Trap | MIB | Description |
| --- | --- | --- |
| lldpRemTablesChange(1.0.8802.1.1.2.0.0.1) | LLDP-MIB | As per MIB |
| lldpXMedTopologyChangeDetected(1.0.8802.1.1.2.1.5.4795.0.1) | LLDP-EXT-MED-MIB | As per MIB |
| mplsL3VpnVrfUp  (1.3.6.1.2.1.10.166.11.0.1) | MPLS-L3VPN-STD-MIB | Not support |
| mplsL3VpnVrfDown  (1.3.6.1.2.1.10.166.11.0.2) | MPLS-L3VPN-STD-MIB | Not support |
| mplsL3VpnVrfRouteMidThreshExceeded  (1.3.6.1.2.1.10.166.11.0.3) | MPLS-L3VPN-STD-MIB | Not support |
| mplsL3VpnVrfNumVrfRouteMaxThreshExceeded  (1.3.6.1.2.1.10.166.11.0.4) | MPLS-L3VPN-STD-MIB | Not support |
| mplsL3VpnNumVrfSecIllglLblThrshExcd (1.3.6.1.2.1.10.166.11.0.5) | MPLS-L3VPN-STD-MIB | Not supported |
| mplsL3VpnNumVrfRouteMaxThreshCleared (1.3.6.1.2.1.10.166.11.0.6) | MPLS-L3VPN-STD-MIB | Not support |
| ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1) | OSPF-TRAP-MIB | Not support |
| ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2) | OSPF-TRAP-MIB | Not support |
| ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3) | OSPF-TRAP-MIB | Not support |
| ospfIfConfigError(1.3.6.1.2.1.14.16.2.4) | OSPF-TRAP-MIB | Not support |
| ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5) | OSPF-TRAP-MIB | Not support |
| ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6) | OSPF-TRAP-MIB | Not support |
| ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7) | OSPF-TRAP-MIB | Not support |
| ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8) | OSPF-TRAP-MIB | Not support |
| ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9) | OSPF-TRAP-MIB | Not support |
| ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10) | OSPF-TRAP-MIB | Not support |
| ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11) | OSPF-TRAP-MIB | Not support |
| ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12) | OSPF-TRAP-MIB | Not support |
| ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13) | OSPF-TRAP-MIB | Not support |
| ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14) | OSPF-TRAP-MIB | Not support |
| ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.14) | OSPF-TRAP-MIB | Not support |
| ospfIfStateChange(1.3.6.1.2.1.14.16.2.16) | OSPF-TRAP-MIB | Not support |
| ospfNssaTranslatorStatusChange(1.3.6.1.2.1.14.16.2.17) | OSPF-TRAP-MIB | Not support |
| ospfRestartStatusChange(1.3.6.1.2.1.14.16.2.18) | OSPF-TRAP-MIB | Not support |
| ospfNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.19) | OSPF-TRAP-MIB | Not support |
| ospfVirtNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.20) | OSPF-TRAP-MIB | Not support |
| bgpEstablished (1.3.6.1.2.1.15.7.1) | BGP4-MIB | Not support |
| bgpBackwardTransition (1.3.6.1.2.1.15.7.2) | BGP4-MIB | Not support |
| bgpEstablishedNotification  (1.3.6.1.2.1.15.0.1) | BGP4-MIB | Not support |
| bgpBackwardTransNotification (1.3.6.1.2.1.15.0.2) | BGP4-MIB | Not support |
| 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 | Not supported |
| ipv6IfStateChange (1.3.6.1.2.1.55.2.0.1) | IPV6-MIB | As per MIB |
| vrrpTrapNewMaster  (1.3.6.1.2.1.68.0.1) | VRRP-MIB | Not support |
| vrrpTrapAuthFailure (1.3.6.1.2.1.68.0.2) | VRRP-MIB | Not support |
| isisDatabaseOverload  (1.3.6.1.2.1.138.0.1) | ISIS-MIB | Not support |
| isisManualAddressDrops  (1.3.6.1.2.1.138.0.2) | ISIS-MIB | Not support |
| isisCorruptedLSPDetected(1.3.6.1.2.1.138.0.3) | ISIS-MIB | Not support |
| isisAttemptToExceedMaxSequence(1.3.6.1.2.1.138.0.4) | ISIS-MIB | Not support |
| isisIDLenMismatch  (1.3.6.1.2.1.138.0.5) | ISIS-MIB | Not support |
| isisMaxAreaAddressesMismatch  (1.3.6.1.2.1.138.0.6) | ISIS-MIB | Not support |
| isisOwnLSPPurge  (1.3.6.1.2.1.138.0.7) | ISIS-MIB | Not support |
| isisSequenceNumberSkip  (1.3.6.1.2.1.138.0.8) | ISIS-MIB | Not support |
| isisAuthenticationTypeFailure  (1.3.6.1.2.1.138.0.9) | ISIS-MIB | Not support |
| isisAuthenticationFailure  (1.3.6.1.2.1.138.0.10) | ISIS-MIB | Not support |
| isisVersionSkew  (1.3.6.1.2.1.138.0.11) | ISIS-MIB | Not support |
| isisAreaMismatch  (1.3.6.1.2.1.138.0.12) | ISIS-MIB | Not support |
| isisRejectedAdjacency  (1.3.6.1.2.1.138.0.13) | ISIS-MIB | Not support |
| isisLSPTooLargeToPropagate(1.3.6.1.2.1.138.0.14) | ISIS-MIB | Not support |
| isisOrigLSPBuffSizeMismatch(1.3.6.1.2.1.138.0.15) | ISIS-MIB | Not support |
| isisProtocolsSupportedMismatch(1.3.6.1.2.1.138.0.16) | ISIS-MIB | Not support |
| isisAdjacencyChange  (1.3.6.1.2.1.138.0.17) | ISIS-MIB | Not support |
| isisLSPErrorDetected  (1.3.6.1.2.1.138.0.18) | ISIS-MIB | Not support |
| dot3OamThresholdEvent (1.3.6.1.2.1.158.0.1) | DOT3-OAM-MIB | As per MIB |
| dot3OamNonThresholdEvent (1.3.6.1.2.1.158.0.2) | DOT3-OAM-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 | As per MIB |
| linkUp (1.3.6.1.6.3.1.1.5.4) | IF-MIB | As per MIB |
| 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

This section contains a list of the traps/notifications defined in the private MIB (defined by enterprise).

|  |  |  |
| --- | --- | --- |
| Trap | MIB | Description |
| 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 | As per MIB |
| 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 | As per MIB |
| hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5) | HH3C-ENTITY-EXT-MIB | As per MIB |
| 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 | As per MIB |
| 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 trap 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 trap 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 trap 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 |
| 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 |
| hh3cStormRising (1.3.6.1.4.1.25506.2.66.3.1) | HH3C-STORM-CONSTRAIN-MIB | As per MIB |
| hh3cStormFalling (1.3.6.1.4.1.25506.2.66.3.2) | HH3C-STORM-CONSTRAIN-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 |
| hh3cMACInformationChangedTrapExt(1.3.6.1.4.1.25506.2.87.1.4.0.1) | HH3C-MAC-INFORMATION-MIB | As per MIB |
| hh3cStackPortLinkStatusChange(1.3.6.1.4.1.25506.2.91.6.0.1) | HH3C-STACK-MIB | The trap indicates that the link status of the stack port has changed. |
| hh3cStackTopologyChange(1.3.6.1.4.1.25506.2.91.6.0.2) | HH3C-STACK-MIB | The trap indicates that the topology type of the stack has changed. |
| hh3cLpbkdtTrapLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.1) | HH3C-LPBKDT-MIB | The notification represents that interface(s) is looped. |
| hh3cLpbkdtTrapRecovered(1.3.6.1.4.1.25506.2.95.1.0.2) | HH3C-LPBKDT-MIB | The notification represents that the loops on the interface(s) are eliminated. |
| hh3cLpbkdtTrapPerVlanLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.3) | HH3C-LPBKDT-MIB | The notification represents that interface(s) is looped in the VLAN. |
| hh3cLpbkdtTrapPerVlanRecovered(1.3.6.1.4.1.25506.2.95.1.0.4) | HH3C-LPBKDT-MIB | The notification represents that the loop on the interface(s) is eliminated in the VLAN. |
| hh3cARPRatelimitOverspeedTrap (1.3.6.1.4.1.25506.2.110.1.1.0.1) | HH3C-ARP-RATELIMIT-MIB | If the rate of ARP packets delivered to the CPU on a device  exceeds the threshold, a trap message is generated and sent  to the remote monitoring device. |
| hh3cDldp2TrapUniLink(1.3.6.1.4.1.25506.2.117.4.0.1) | HH3C-DLDP2-MIB | As per MIB |
| hh3cDldp2TrapBidLink(1.3.6.1.4.1.25506.2.117.4.0.2) | HH3C-DLDP2-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 | Not support |
| hh3cIPsecTunnelStopV2 (1.3.6.1.4.1.25506.2.126.1.9.0.2) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecNoSaFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.3) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecAuthFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.4) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecEncryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.5) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecDecryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.6) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| 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 | Not support |
| hh3cIPsecPolicyDelV2 (1.3.6.1.4.1.25506.2.126.1.9.0.9) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecPolicyAttachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.10) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| hh3cIPsecPolicyDetachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.11) | HH3C-IPSEC-MONITOR-V2-MIB | Not support |
| 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 | As per MIB |
| hh3cSysWarmStartTrap (1.3.6.1.4.1.25506.6.8.5) | HH3C-COMMON-SYSTEM-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 |
| hh3cpowerfailure(1.3.6.1.4.1.25506.8.35.12.1.1) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cPowerNormal(1.3.6.1.4.1.25506.8.35.12.1.2) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cPowerRemoved(1.3.6.1.4.1.25506.8.35.12.1.5) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cfanfailure(1.3.6.1.4.1.25506.8.35.12.1.6) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cFanNormal(1.3.6.1.4.1.25506.8.35.12.1.7) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cBoardRemoved(1.3.6.1.4.1.25506.8.35.12.1.8) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cBoardInserted(1.3.6.1.4.1.25506.8.35.12.1.9) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cBoardFailure(1.3.6.1.4.1.25506.8.35.12.1.10) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cBoardNormal(1.3.6.1.4.1.25506.8.35.12.1.11) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cSubcardRemove(1.3.6.1.4.1.25506.8.35.12.1.2) | HH3C-LswTRAP-MIB | Not supported |
| hh3cSubcardInsert(1.3.6.1.4.1.25506.8.35.12.1.13) | HH3C-LswTRAP-MIB | Not supported |
| hh3cBoardTemperatureLower(1.3.6.1.4.1.25506.8.35.12.1.14) | HH3C-LswTRAP-MIB | Not supported |
| hh3cBoardTemperatureFromLowerToNormal(1.3.6.1.4.1.25506.8.35.12.1.15) | HH3C-LswTRAP-MIB | Not supported |
| hh3cBoardTemperatureHigher(1.3.6.1.4.1.25506.8.35.12.1.16) | HH3C-LswTRAP-MIB | Not supported |
| hh3cBoardTemperatureFormHigherToNormal(1.3.6.1.4.1.25506.8.35.12.1.17) | HH3C-LswTRAP-MIB | Not supported |
| hh3cRequestLoading(1.3.6.1.4.1.25506.8.35.12.1.18) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cLoadFailure(1.3.6.1.4.1.25506.8.35.12.1.19) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cLoadFinished(1.3.6.1.4.1.25506.8.35.12.1.20) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cPowerInserted(1.3.6.1.4.1.25506.8.35.12.1.23) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cBootImageUpdated(1.3.6.1.4.1.25506.8.35.12.1.24) | HH3C-LswTRAP-MIB | As per MIB |
| hh3cPortMstiStateForwarding(1.3.6.1.4.1.25506.8.35.14.0.1) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cPortMstiStateDiscarding(1.3.6.1.4.1.25506.8.35.14.0.2) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cBridgeLostRootPrimary(1.3.6.1.4.1.25506.8.35.14.0.3) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cPortMstiRootGuarded(1.3.6.1.4.1.25506.8.35.14.0.4) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cPortMstiBpduGuarded(1.3.6.1.4.1.25506.8.35.14.0.5) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cPortMstiLoopGuarded(1.3.6.1.4.1.25506.8.35.14.0.6) | HH3C-LswMSTP-MIB | As per MIB |
| hh3cSlaveSwitchOver (1.3.6.1.4.1.25506.8.35.17.10.1) | HH3C-LswMix-MIB | As per MIB |
| hh3cSecureAddressLearned  (1.3.6.1.4.1.25506.2.26.1.3.1) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureViolation  (1.3.6.1.4.1.25506.2.26.1.3.2) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureLoginFailure  (1.3.6.1.4.1.25506.2.26.1.3.3) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureLogon  (1.3.6.1.4.1.25506.2.26.1.3.4) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureLogoff  (1.3.6.1.4.1.25506.2.26.1.3.5) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureRalmLoginFailure  (1.3.6.1.4.1.25506.2.26.1.3.6) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureRalmLogon  (1.3.6.1.4.1.25506.2.26.1.3.7) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cSecureRalmLogoff  (1.3.6.1.4.1.25506.2.26.1.3.8) | HH3C-PORT-SECURITY-MIB | As per MIB |
| hh3cRadiusAuthenticationServerUpTrap  (1.3.6.1.4.1.25506.2.13.3.0.4) | HH3C-RADIUS-MIB | As per MIB |
| hh3cRadiusAccountingServerUpTrap  (1.3.6.1.4.1.25506.2.13.3.0.5) | HH3C-RADIUS-MIB | As per MIB |
| hh3cRadiusAuthenticationServerDownTrap  (1.3.6.1.4.1.25506.2.13.3.0.6) | HH3C-RADIUS-MIB | As per MIB |
| hh3cRadiusAccountingServerDownTrap  (1.3.6.1.4.1.25506.2.13.3.0.7) | HH3C-RADIUS-MIB | As per MIB |

# BGP4-MIB

Not support.

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.15.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

OID of this table is: 1.3.6.1.2.1.15.5

This table is not supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| bgpPathAttrPeer (1.3.6.1.2.1.15.5.1.1) | read-only | No | As per MIB |
| bgpPathAttrDestNetwork (1.3.6.1.2.1.15.5.1.2) | read-only | No | As per MIB |
| bgpPathAttrOrigin (1.3.6.1.2.1.15.5.1.3) | read-only | No | As per MIB |
| bgpPathAttrASPath (1.3.6.1.2.1.15.5.1.4) | read-only | No | As per MIB |
| bgpPathAttrNextHop (1.3.6.1.2.1.15.5.1.5) | read-only | No | As per MIB |
| bgpPathAttrInterASMetric (1.3.6.1.2.1.15.5.1.6) | read-only | No | As per MIB |

## bgp4PathAttrTable

OID of this table is: 1.3.6.1.2.1.15.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.2.15

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1dTpAgingTime (1.3.6.1.2.1.17.4.2) | read-write | Current | The value includes -1 ( noaging) and range from 10 to 1000000. |

## dot1dTpFdbTable

OID of this table is: 1.3.6.1.2.1.17.4.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1dTpFdbAddress (1.3.6.1.2.1.17.4.3.1.1) | read-only | Current | As per MIB |
| dot1dTpFdbPort (1.3.6.1.2.1.17.4.3.1.2) | read-only | Current | As per MIB |
| dot1dTpFdbStatus (1.3.6.1.2.1.17.4.3.1.3) | read-only | 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

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| pingMaxConcurrentRequests (1.3.6.1.2.1.80.1.1) | read-only | Current | As Per MIB |

## pingCtlTable

OID of this table is: 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

The remainder objects is 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(only 1 is legal) |
| 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) |
| 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 |
| hh3cNqaftp | pingCtlTargetAddressType  pingCtlTargetAddress  pingCtlSourceAddressType  pingCtlSourceAddress  pingCtlByPassRouteTable  pingCtlDSField  pingCtlProbeCount  pingCtlMaxRows  pingCtlTrapProbeFailureFilter  pingCtlTrapTestFailureFilter |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 8100 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 8100. When doing JITTER test, the range is from68 to 8100 and the default value is 100.  When doing voice test, the range is from 16 to 1500, 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 and udp-jitter 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 | For voice and udp-jitter test, Only pingTestCompleted(2) is supported. |
| 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 | Can not 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 | The type of interface must be layer three Ethernet interface or vlan interface. |
| 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 of this table is: 1.3.6.1.2.1.80.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.80.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# DOT3-OAM-MIB

## dot3OamTable

OID of this table is: 1.3.6.1.2.1.158.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3OamAdminState (1.3.6.1.2.1.158.1.1.1.1) | read-write | Current | As per MIB |
| dot3OamOperStatus (1.3.6.1.2.1.158.1.1.1.2) | read-only | No | As per MIB |
| dot3OamMode (1.3.6.1.2.1.158.1.1.1.3) | read-write | Current | As per MIB |
| dot3OamMaxOamPduSize (1.3.6.1.2.1.158.1.1.1.4) | read-only | No | As per MIB |
| dot3OamConfigRevision (1.3.6.1.2.1.158.1.1.1.5) | read-only | No | As per MIB |
| dot3OamFunctionsSupported (1.3.6.1.2.1.158.1.1.1.6) | read-only | No | As per MIB |

## dot3OamPeerTable

OID of this table is: 1.3.6.1.2.1.158.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3OamPeerMacAddress (1.3.6.1.2.1.158.1.2.1.1) | read-only | No | As per MIB |
| dot3OamPeerVendorOui (1.3.6.1.2.1.158.1.2.1.2) | read-only | No | Not supported |
| dot3OamPeerVendorInfo (1.3.6.1.2.1.158.1.2.1.3) | read-only | No | Not supported |
| dot3OamPeerMode (1.3.6.1.2.1.158.1.2.1.4) | read-only | No | As per MIB |
| dot3OamPeerMaxOamPduSize (1.3.6.1.2.1.158.1.2.1.5) | read-only | No | As per MIB |
| dot3OamPeerConfigRevision (1.3.6.1.2.1.158.1.2.1.6) | read-only | No | As per MIB |
| dot3OamPeerFunctionsSupported (1.3.6.1.2.1.158.1.2.1.7) | read-only | No | As per MIB |

## dot3OamStatsTable

OID of this table is: 1.3.6.1.2.1.158.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3OamInformationTx (1.3.6.1.2.1.158.1.4.1.1) | read-only | No | As per MIB |
| dot3OamInformationRx (1.3.6.1.2.1.158.1.4.1.2) | read-only | No | As per MIB |
| dot3OamUniqueEventNotificationTx (1.3.6.1.2.1.158.1.4.1.3) | read-only | No | As per MIB |
| dot3OamUniqueEventNotificationRx (1.3.6.1.2.1.158.1.4.1.4) | read-only | No | As per MIB |
| dot3OamDuplicateEventNotificationTx (1.3.6.1.2.1.158.1.4.1.5) | read-only | No | As per MIB |
| dot3OamDuplicateEventNotificationRx (1.3.6.1.2.1.158.1.4.1.6) | read-only | No | As per MIB |
| dot3OamLoopbackControlTx (1.3.6.1.2.1.158.1.4.1.7) | read-only | No | As per MIB |
| dot3OamLoopbackControlRx (1.3.6.1.2.1.158.1.4.1.8) | read-only | No | As per MIB |
| dot3OamVariableRequestTx (1.3.6.1.2.1.158.1.4.1.9) | read-only | No | Not Supported |
| dot3OamVariableRequestRx (1.3.6.1.2.1.158.1.4.1.10) | read-only | No | Not Supported |
| dot3OamVariableResponseTx (1.3.6.1.2.1.158.1.4.1.11) | read-only | No | Not Supported |
| dot3OamVariableResponseRx (1.3.6.1.2.1.158.1.4.1.12) | read-only | No | Not Supported |
| dot3OamOrgSpecificTx (1.3.6.1.2.1.158.1.4.1.13) | read-only | No | Not Supported |
| dot3OamOrgSpecificRx (1.3.6.1.2.1.158.1.4.1.14) | read-only | No | Not Supported |
| dot3OamUnsupportedCodesTx (1.3.6.1.2.1.158.1.4.1.15) | read-only | No | Not Supported |
| dot3OamUnsupportedCodesRx (1.3.6.1.2.1.158.1.4.1.16) | read-only | No | Not Supported |
| dot3OamFramesLostDueToOam (1.3.6.1.2.1.158.1.4.1.17) | read-only | No | Not Supported |

## dot3OamEventConfigTable

OID of this table is: 1.3.6.1.2.1.158.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3OamErrSymPeriodWindowHi (1.3.6.1.2.1.158.1.5.1.1) | read-write | Current | Not supported |
| dot3OamErrSymPeriodWindowLo (1.3.6.1.2.1.158.1.5.1.2) | read-write | Current | Not supported |
| dot3OamErrSymPeriodThresholdHi (1.3.6.1.2.1.158.1.5.1.3) | read-write | Current | Not supported |
| dot3OamErrSymPeriodThresholdLo (1.3.6.1.2.1.158.1.5.1.4) | read-write | Current | Not supported |
| dot3OamErrSymPeriodEvNotifEnable (1.3.6.1.2.1.158.1.5.1.5) | read-write | Current | As per MIB |
| dot3OamErrFramePeriodWindow (1.3.6.1.2.1.158.1.5.1.6) | read-write | Current | Range from 1 to 65535, the default value is 1000. |
| dot3OamErrFramePeriodThreshold (1.3.6.1.2.1.158.1.5.1.7) | read-write | Current | As per MIB |
| dot3OamErrFramePeriodEvNotifEnable (1.3.6.1.2.1.158.1.5.1.8) | read-write | No | As per MIB |
| dot3OamErrFrameWindow (1.3.6.1.2.1.158.1.5.1.9) | read-write | Current | Range from 10 to 600, the default value is 10. |
| dot3OamErrFrameThreshold (1.3.6.1.2.1.158.1.5.1.10) | read-write | Current | As per MIB |
| dot3OamErrFrameEvNotifEnable (1.3.6.1.2.1.158.1.5.1.11) | read-write | No | As per MIB |
| dot3OamErrFrameSecsSummaryWindow (1.3.6.1.2.1.158.1.5.1.12) | read-write | Current | Range from 100 to 9000, the default value is 600. |
| dot3OamErrFrameSecsSummaryThreshold (1.3.6.1.2.1.158.1.5.1.13) | read-write | Current | As per MIB |
| dot3OamErrFrameSecsEvNotifEnable (1.3.6.1.2.1.158.1.5.1.14) | read-write | No | As per MIB |
| dot3OamDyingGaspEnable (1.3.6.1.2.1.158.1.5.1.15) | read-write | Current | Not supported |
| dot3OamCriticalEventEnable (1.3.6.1.2.1.158.1.5.1.16) | read-write | Current | Not supported |

## dot3OamEventLogTable

OID of this table is: 1.3.6.1.2.1.158.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3OamEventLogIndex (1.3.6.1.2.1.158.1.6.1.1) | not-accessible | No | The max value is 100.All of the objects of this table saves the conditions in the latest event. |
| dot3OamEventLogTimestamp (1.3.6.1.2.1.158.1.6.1.2) | read-only | No | As per MIB |
| dot3OamEventLogOui (1.3.6.1.2.1.158.1.6.1.3) | read-only | No | As per MIB |
| dot3OamEventLogType (1.3.6.1.2.1.158.1.6.1.4) | read-only | No | As per MIB |
| dot3OamEventLogLocation (1.3.6.1.2.1.158.1.6.1.5) | read-only | No | As per MIB |
| dot3OamEventLogWindowHi (1.3.6.1.2.1.158.1.6.1.6) | read-only | No | As per MIB |
| dot3OamEventLogWindowLo (1.3.6.1.2.1.158.1.6.1.7) | read-only | No | As per MIB |
| dot3OamEventLogThresholdHi (1.3.6.1.2.1.158.1.6.1.8) | read-only | No | As per MIB |
| dot3OamEventLogThresholdLo (1.3.6.1.2.1.158.1.6.1.9) | read-only | No | As per MIB |
| dot3OamEventLogValue (1.3.6.1.2.1.158.1.6.1.10) | read-only | No | As per MIB |
| dot3OamEventLogRunningTotal (1.3.6.1.2.1.158.1.6.1.11) | read-only | No | As per MIB |
| dot3OamEventLogEventTotal (1.3.6.1.2.1.158.1.6.1.12) | 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.

The following table shows the index range of each physical class of each stack in S5130EI products. It supports 10 units in a stack at max. To compatible with old products, there are 1 slot, 1~2 PSU, 0~1 RPS, 1~2 Fans and 1~4 Sensors as level 1 containers, and 6 sub slots as level 2 containers in one unit. There are front panel sub slot, stacking ports sub slot, expansion card sub slots, USB sub slot. The max port number in a sub slot is 64, which are 48 fixed ports, 4 fixed SFP+ ports, some modules support pluggable 2 QSFP+ ports. It also support 1 out-band management port. Such as the figure and the table shown:

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| --- | --- | --- | --- | --- |
| User sees | entPhysicalIndex | entPhysicalClass | entPhysicalContainedIn | entPhysicalParentRelPos |
| Stack | 1 | Stack (11) | 0 | -1 |
| Unit1~unit10 | 2~11 | Chasis(3) | 1 | 1~10 |
| Slot0(for board0) | 12 | container(5) | 2 | 1 |
| slot1(for PWR1) | 13 | container(5) | 2 | 2 |
| Slot2(for PWR2) | 14 | container(5) | 2 | 3 |
| Slot3(for RPS) | 15 | container(5) | 2 | 4 |
| Slot4(for FAN1) | 16 | container(5) | 2 | 5 |
| Slot5(for FAN2) | 17 | container(5) | 2 | 6 |
| Slot6(for FAN3) | 18 | container(5) | 2 | 7 |
| Slot7(for FAN4) | 19 | container(5) | 2 | 8 |
| Slot8(for FAN5) | 20 | container(5) | 2 | 9 |
| Slot9(for senser1) | 21 | container(5) | 2 | 10 |
| Slot10(for senser2) | 22 | container(5) | 2 | 11 |
| Slot11(for senser3) | 23 | container(5) | 2 | 12 |
| Slot12(for senser4) | 24 | container(5) | 2 | 13 |
| Slot13(for senser5) | 25 | container(5) | 2 | 14 |
| Slot14(for senser6) | 26 | container(5) | 2 | 15 |
| Slot15(for senser7) | 27 | container(5) | 2 | 16 |
| Slot16(for senser8) | 28 | container(5) | 2 | 17 |
| Slot17(for senser9) | 29 | container(5) | 2 | 18 |
| Board0(a virtual board that contains subslots) | 192 | module(9) | 12 | 1 |
| PWR1 | 193 | powerSupply(6) | 13 | 1 |
| PWR2 | 194 | powerSupply(6) | 14 | 1 |
| RPS1 | 195 | powerSupply(6) | 15 | 1 |
| FAN1 | 196 | fan(7) | 16 | 1 |
| FAN2 | 197 | fan(7) | 17 | 1 |
| FAN3 | 198 | fan(7) | 18 | 1 |
| FAN4 | 199 | fan(7) | 19 | 1 |
| FAN5 | 200 | fan(7) | 20 | 1 |
| Sensor1 | 201 | Sensor(8) | 21 | 1 |
| Sensor2 | 202 | Sensor(8) | 22 | 1 |
| Sensor3 | 203 | Sensor(8) | 23 | 1 |
| Sensor4 | 204 | Sensor(8) | 24 | 1 |
| Sensor5 | 205 | Sensor(8) | 25 | 1 |
| Sensor6 | 206 | Sensor(8) | 26 | 1 |
| Sensor7 | 207 | Sensor(8) | 27 | 1 |
| Sensor8 | 208 | Sensor(8) | 28 | 1 |
| Sensor9 | 209 | Sensor(8) | 29 | 1 |
| SubSlot0 | 372 | container(5) | 192 | 1 |
| SubCard0(Front Panel) | 382 | module(9) | 372 | 1 |
| Pt1~Pt52on Scard0 | 392~443 | port(10) | 382 | 1~52 |
| Fabric | 10001 | stack(11) | 0 | -1 |

## entPhysicalTable

OID of this table is: 1.3.6.1.2.1.47.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | No | Not supported |
| entPhysicalAssetID (1.3.6.1.2.1.47.1.1.1.1.15) | read-write | No | Not supported |
| 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 |

**entPhysicalIsFRU**

| entity | entPhysicalIsFRU |
| --- | --- |
| Unit | True(1) |
| Slot | False(2) |
| SubSlot | False(2) |
| PowerSupply | True(1) |
| Fan | True(1) |
| Board | False(2) |
| SubCard | True(1) |
| Port | If an optical module port, True(1); else, False(2) |
| Fabric | False(2) |

## entLogicalTable

OID of this table is: 1.3.6.1.2.1.47.1.2.1

This table is not supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| entLogicalIndex (1.3.6.1.2.1.47.1.2.1.1.1) | not-accessible | No | As per MIB |
| entLogicalDescr (1.3.6.1.2.1.47.1.2.1.1.2) | read-only | No | As per MIB |
| entLogicalType (1.3.6.1.2.1.47.1.2.1.1.3) | read-only | No | As per MIB |
| entLogicalCommunity (1.3.6.1.2.1.47.1.2.1.1.4) | read-only | No | As per MIB |
| entLogicalTAddress (1.3.6.1.2.1.47.1.2.1.1.5) | read-only | No | As per MIB |
| entLogicalTDomain (1.3.6.1.2.1.47.1.2.1.1.6) | read-only | No | As per MIB |
| entLogicalContextEngineID (1.3.6.1.2.1.47.1.2.1.1.7) | read-only | No | As per MIB |
| entLogicalContextName (1.3.6.1.2.1.47.1.2.1.1.8) | read-only | No | As per MIB |

## entLPMappingTable

OID of this table is: 1.3.6.1.2.1.47.1.3.1

This table is not supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| entLPPhysicalIndex (1.3.6.1.2.1.47.1.3.1.1.1) | read-only | No | As per MIB |

## entAliasMappingTable

OID of this table is: 1.3.6.1.2.1.47.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.47.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| entPhysicalChildIndex (1.3.6.1.2.1.47.1.3.3.1.1) | read-only | No | As per MIB |

## entityGeneral Group

OID of this table is: 1.3.6.1.2.1.47.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| entLastChangeTime (1.3.6.1.2.1.47.1.4.1) | read-only | No | As per MIB |

## entityMIBTraps

OID of this table is: 1.3.6.1.2.1.47.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| entConfigChange (1.3.6.1.2.1.47.2.0.1) | NA | No | Not supported |

# EtherLike-MIB

## dot3StatsTable

OID of this table is: 1.3.6.1.2.1.10.7.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| 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 | As per MIB |
| dot3StatsRateControlStatus  (1.3.6.1.2.1.10.7.2.1.21) | read-only | Current | As per MIB |

## dot3CollTable

OID of this table is: 1.3.6.1.2.1.10.7.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.7.9

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.7.10

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| dot3HCOutPauseFrames  (1.3.6.1.2.1.10.7.10.1.6) | read-only | No | As per MIB |

## dot3HCStatsTable

OID of this table is: 1.3.6.1.2.1.10.7.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3HCStatsAlignmentErrors (1.3.6.1.2.1.10.7.10.1.1) | read-only | No | As per MIB |
| dot3HCStatsFCSErrors  (1.3.6.1.2.1.10.7.11.1.2) | read-only | No | As per MIB |
| dot3HCStatsInternalMacTransmitErrors  (1.3.6.1.2.1.10.7.11.1.3) | read-only | No | As per MIB |
| dot3HCStatsFrameTooLongs(1.3.6.1.2.1.10.7.11.1.4) | read-only | No | As per MIB |
| dot3HCStatsInternalMacReceiveErrors  (1.3.6.1.2.1.10.7.11.1.5) | read-only | No | As per MIB |
| dot3HCStatsSymbolErrors  (1.3.6.1.2.1.10.7.11.1.6) | read-only | No | As per MIB |

# IEEE8021-CFM-MIB

## Scalar Objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1agCfmMdTableNextIndex (1.3.111.2.802.1.1.8.1.5.1) | read-only | Current | As per MIB |

## dot1agCfmMdTable

OID of this table is: 1.3.111.2.802.1.1.8.1.5.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1agCfmMdIndex (1.3.111.2.802.1.1.8.1.5.2.1.1) | not-accessible | Current | As per MIB |
| dot1agCfmMdFormat (1.3.111.2.802.1.1.8.1.5.2.1.2) | read-create | Current | Only support  none(1),  dnsLikeName(2),  macAddressAndUint(3),  charString(4) |
| dot1agCfmMdName (1.3.111.2.802.1.1.8.1.5.2.1.3) | read-create | Current | Can not be modified after creation |
| dot1agCfmMdMdLevel (1.3.111.2.802.1.1.8.1.5.2.1.4) | read-create | Current | Can not be modified after creation |
| dot1agCfmMdMhfCreation (1.3.111.2.802.1.1.8.1.5.2.1.5) | read-create | No | Only support defMHFnone(1). |
| dot1agCfmMdMhfIdPermission (1.3.111.2.802.1.1.8.1.5.2.1.6) | read-create | Yes | The value is always sendIdNone(1) |
| dot1agCfmMdMaNextIndex (1.3.111.2.802.1.1.8.1.5.2.1.7) | read-only | Current | As per MIB |
| dot1agCfmMdRowStatus (1.3.111.2.802.1.1.8.1.5.2.1.8) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## dot1agCfmMaNetTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1agCfmMaIndex (1.3.111.2.802.1.1.8.1.6.1.1.1) | not-accessible | Current | As per MIB |
| dot1agCfmMaNetFormat (1.3.111.2.802.1.1.8.1.6.1.1.2) | read-create | Current | Only support  primaryVid (1),  charString(2),  unsignedInt16 (3),  ICCformat (32) |
| dot1agCfmMaNetName (1.3.111.2.802.1.1.8.1.6.1.1.3) | read-create | Current | Can not be modified after creation |
| dot1agCfmMaNetCcmInterval (1.3.111.2.802.1.1.8.1.6.1.1.4) | read-create | Current | As per MIB  The default value is  Interval1s(4) |
| dot1agCfmMaNetRowStatus (1.3.111.2.802.1.1.8.1.6.1.1.5) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## dot1agCfmMaMepListTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1agCfmMaMepListIdentifier (1.3.111.2.802.1.1.8.1.6.3.1.1) | not-accessible | Current | Can not be modified after creation |
| dot1agCfmMaMepListRowStatus (1.3.111.2.802.1.1.8.1.6.3.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6) |

## dot1agCfmMepTable

OID of this table is: 1.3.111.2.802.1.1.8.1.7.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1agCfmMepIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.1) | not-accessible | Current | Can not be modified after creation |
| dot1agCfmMepIfIndex (1.3.111.2.802.1.1.8.1.7.1.1.2) | read-create | Current | As per MIB |
| dot1agCfmMepDirection (1.3.111.2.802.1.1.8.1.7.1.1.3) | read-create | Current | Can not be modified after creation |
| dot1agCfmMepPrimaryVid (1.3.111.2.802.1.1.8.1.7.1.1.4) | read-create | Yes | The value is always 0. |
| dot1agCfmMepActive (1.3.111.2.802.1.1.8.1.7.1.1.5) | read-create | Current | As per MIB |
| dot1agCfmMepFngState (1.3.111.2.802.1.1.8.1.7.1.1.6) | read-only | No | As per MIB |
| dot1agCfmMepCciEnabled (1.3.111.2.802.1.1.8.1.7.1.1.7) | read-create | Current | As per MIB |
| dot1agCfmMepCcmLtmPriority (1.3.111.2.802.1.1.8.1.7.1.1.8) | read-create | No | Not supported |
| dot1agCfmMepMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.9) | read-only | No | Not supported |
| dot1agCfmMepLowPrDef (1.3.111.2.802.1.1.8.1.7.1.1.10) | read-create | No | Not supported |
| dot1agCfmMepFngAlarmTime (1.3.111.2.802.1.1.8.1.7.1.1.11) | read-create | No | Not supported |
| dot1agCfmMepFngResetTime (1.3.111.2.802.1.1.8.1.7.1.1.12) | read-create | No | Not supported |
| dot1agCfmMepHighestPrDefect (1.3.111.2.802.1.1.8.1.7.1.1.13) | read-only | No | Only support defRemoteCCM(3), defErrorCCM(4), defXconCCM (5) |
| dot1agCfmMepDefects (1.3.111.2.802.1.1.8.1.7.1.1.14) | read-only | No | Not supported |
| dot1agCfmMepErrorCcmLastFailure (1.3.111.2.802.1.1.8.1.7.1.1.15) | read-only | No | Not supported |
| dot1agCfmMepXconCcmLastFailure (1.3.111.2.802.1.1.8.1.7.1.1.16) | read-only | No | Not supported |
| dot1agCfmMepCcmSequenceErrors (1.3.111.2.802.1.1.8.1.7.1.1.17) | read-only | No | Not supported |
| dot1agCfmMepCciSentCcms (1.3.111.2.802.1.1.8.1.7.1.1.18) | read-only | No | Not supported |
| dot1agCfmMepNextLbmTransId (1.3.111.2.802.1.1.8.1.7.1.1.19) | read-only | No | Not supported |
| dot1agCfmMepLbrIn (1.3.111.2.802.1.1.8.1.7.1.1.20) | read-only | No | Not supported |
| dot1agCfmMepLbrInOutOfOrder (1.3.111.2.802.1.1.8.1.7.1.1.21) | read-only | No | Not supported |
| dot1agCfmMepLbrBadMsdu (1.3.111.2.802.1.1.8.1.7.1.1.22) | read-only | No | Not supported |
| dot1agCfmMepLtmNextSeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.23) | read-only | No | Not supported |
| dot1agCfmMepUnexpLtrIn (1.3.111.2.802.1.1.8.1.7.1.1.24) | read-only | No | Not supported |
| dot1agCfmMepLbrOut (1.3.111.2.802.1.1.8.1.7.1.1.25) | read-only | No | Not supported |
| dot1agCfmMepTransmitLbmStatus (1.3.111.2.802.1.1.8.1.7.1.1.26) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmDestMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.27) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmDestMepId (1.3.111.2.802.1.1.8.1.7.1.1.28) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmDestIsMepId (1.3.111.2.802.1.1.8.1.7.1.1.29) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmMessages (1.3.111.2.802.1.1.8.1.7.1.1.30) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmDataTlv (1.3.111.2.802.1.1.8.1.7.1.1.31) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmVlanPriority (1.3.111.2.802.1.1.8.1.7.1.1.32) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmVlanDropEnable (1.3.111.2.802.1.1.8.1.7.1.1.33) | read-create | No | Not supported |
| dot1agCfmMepTransmitLbmResultOK (1.3.111.2.802.1.1.8.1.7.1.1.34) | read-only | No | Not supported |
| dot1agCfmMepTransmitLbmSeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.35) | read-only | No | Not supported |
| dot1agCfmMepTransmitLtmStatus (1.3.111.2.802.1.1.8.1.7.1.1.36) | read-only | No | Not supported |
| dot1agCfmMepTransmitLtmFlags (1.3.111.2.802.1.1.8.1.7.1.1.37) | read-create | No | Not supported |
| dot1agCfmMepTransmitLtmTargetMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.38) | read-create | No | Not supported |
| dot1agCfmMepTransmitLtmTargetMepId (1.3.111.2.802.1.1.8.1.7.1.1.39) | read-create | No | Not supported |
| dot1agCfmMepTransmitLtmTargetIsMepId (1.3.111.2.802.1.1.8.1.7.1.1.40) | read-create | No | Not supported |
| dot1agCfmMepTransmitLtmTtl (1.3.111.2.802.1.1.8.1.7.1.1.41) | read-create | No | Not supported |
| dot1agCfmMepTransmitLtmResult (1.3.111.2.802.1.1.8.1.7.1.1.42) | read-only | No | Not supported |
| dot1agCfmMepTransmitLtmSeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.43) | read-only | No | Not supported |
| dot1agCfmMepTransmitLtmEgressIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.44) | read-create | No | Not supported |
| dot1agCfmMepRowStatus (1.3.111.2.802.1.1.8.1.7.1.1.45) | read-create | Current | As per MIB |

# IEEE8021-CFM-V2-MIB

## ieee8021CfmMaCompTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| ieee8021CfmMaComponentId (1.3.111.2.802.1.1.8.1.6.4.1.1) | not-accessible | Current | The value is always 1 |
| ieee8021CfmMaCompPrimarySelectorType (1.3.111.2.802.1.1.8.1.6.4.1.2) | read-create | Current | Only support vlanid(1) |
| ieee8021CfmMaCompPrimarySelectorOrNone (1.3.111.2.802.1.1.8.1.6.4.1.3) | read-create | Current | Can not be modified after creation |
| ieee8021CfmMaCompMhfCreation (1.3.111.2.802.1.1.8.1.6.4.1.4) | read-create | Current | As per MIB |
| ieee8021CfmMaCompIdPermission (1.3.111.2.802.1.1.8.1.6.4.1.5) | read-create | No | Only support sendIdNone (1) and sendIdDefer (5) |
| ieee8021CfmMaCompNumberOfVids (1.3.111.2.802.1.1.8.1.6.4.1.6) | read-only | No | Only support read operation.The value is always 1. |
| ieee8021CfmMaCompRowStatus (1.3.111.2.802.1.1.8.1.6.4.1.7) | 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 of this table is: 1.0.8802.1.1.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3adTablesLastChanged (1.2.840.10006.300.43.1.3) | Read-only | No | Not supported |

## dot3adAggTable

OID of this table is: 1.2.840.10006.300.43.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.2.840.10006.300.43.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot3adAggPortListPorts (1.2.840.10006.300.43.1.1.2.1.1) | read-only | No | As per MIB |

## dot3adAggPortTable

OID of this table is: 1.2.840.10006.300.43.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.2.840.10006.300.43.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.2.840.10006.300.43.1.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Not supported |
| ifStackLastChange (1.3.6.1.2.1.31.1.6) | read-only | No | Not supported |

## ifTable

OID of this table is: 1.3.6.1.2.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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, Ten-Gigabitethernet1/0/1 |
| ifType (1.3.6.1.2.1.2.2.1.3) | read-only | Current | interface type.  Value list:  aux is ppp(23),  null0 is other(1),  Ethernet are ethernet-csmacd(6),  gigabitEthernet (117)  Vlan-interface is 136, etc.  Null0 is a internal interface. If the routing entry's next hop is null0 interface, the packet which matchs this entry will be dropped.  If the AUX interface is used as a console interface,the ifType for AUX should not be ppp(23) but other(1). |
| 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 vlaue 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 switch S5130EI , the following type of interfaces support mac address:  Vlan interface  Ethernet port  Gigabit Ethernet port  10Gigabit Ethernet 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 | Not supported |
| 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 | Not supported |
| 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 | Not supported |
| ifOutErrors (1.3.6.1.2.1.2.2.1.20) | read-only | No | Not supported |
| ifOutQLen (1.3.6.1.2.1.2.2.1.21) | read-only | No | Not supported |
| ifSpecific (1.3.6.1.2.1.2.2.1.22) | read-only | No | Not supported |

## ifXTable

OID of this table is: 1.3.6.1.2.1.31.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | 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 80. 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 | Not supported |

## ifRcvAddressTable

OID of this table is: 1.3.6.1.2.1.31.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

Not support.

The IGMP-STD-MIB contains two tables:

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

(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 of this table is: 1.3.6.1.2.1.85.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support read |
| igmpInterfaceStatus  (1.3.6.1.2.1.85.1.1.1.3) | read-create | Current | As per MIB |
| igmpInterfaceVersion  (1.3.6.1.2.1.85.1.1.1.4) | read-create | Current | As per MIB |
| igmpInterfaceQuerier  (1.3.6.1.2.1.85.1.1.1.5) | read-only | Current | As per MIB |
| igmpInterfaceQueryMaxResponseTime  (1.3.6.1.2.1.85.1.1.1.6) | read-create | Current | Only support read |
| igmpInterfaceQuerierUpTime  (1.3.6.1.2.1.85.1.1.1.7) | read-only | Current | Not supported |
| igmpInterfaceQuerierExpiryTime  (1.3.6.1.2.1.85.1.1.1.8) | read-only | Current | As per MIB |
| igmpInterfaceVersion1QuerierTimer  (1.3.6.1.2.1.85.1.1.1.9) | read-only | Current | Not supported |
| igmpInterfaceWrongVersionQueries  (1.3.6.1.2.1.85.1.1.1.10) | read-only | Current | Not supported |
| igmpInterfaceJoins  (1.3.6.1.2.1.85.1.1.1.11) | read-only | Current | As per MIB |
| igmpInterfaceProxyIfIndex  (1.3.6.1.2.1.85.1.1.1.12) | read-create | Current | The value is always 0. Only support read |
| igmpInterfaceGroups  (1.3.6.1.2.1.85.1.1.1.13) | read-only | Current | As per MIB |
| igmpInterfaceRobustness  (1.3.6.1.2.1.85.1.1.1.14) | read-create | Current | Only support read |
| igmpInterfaceLastMembQueryIntvl  (1.3.6.1.2.1.85.1.1.1.15) | read-create | Current | Only support read |

## igmpCacheTable

OID of this table is: 1.3.6.1.2.1.85.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| igmpCacheAddress  (1.3.6.1.2.1.85.1.2.1.1) | not-accessible | Current | As per MIB |
| igmpCacheIfIndex  (1.3.6.1.2.1.85.1.2.1.2) | not-accessible | Current | As per MIB |
| igmpCacheSelf  (1.3.6.1.2.1.85.1.2.1.3) | read-create | Current | Not supported |
| igmpCacheLastReporter  (1.3.6.1.2.1.85.1.2.1.4) | read-only | Current | As per MIB |
| igmpCacheUpTime  (1.3.6.1.2.1.85.1.2.1.5) | read-only | Current | As per MIB |
| igmpCacheExpiryTime  (1.3.6.1.2.1.85.1.2.1.6) | read-only | Current | As per MIB |
| igmpCacheStatus  (1.3.6.1.2.1.85.1.2.1.7) | read-create | Current | Only support read |
| igmpCacheVersion1HostTimer  (1.3.6.1.2.1.85.1.2.1.8) | read-only | Current | As per MIB |

# IP-FORWARD-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.24.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.24.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# IPV6-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.55.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 80 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 of this table is: 1.3.6.1.2.1.55.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.55.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.55.1.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.55.1.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.55.1.12

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-ICMP-MIB

## ipv6IfIcmpTable

OID of this table is: 1.3.6.1.2.1.56.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-TCP MIB

## ipv6TcpConnTable

OID of this table is: 1.3.6.1.2.1.6.16

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.7.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

Not support.

## isisSysObject

OID of this table is: 1.3.6.1.2.1.138.1.1.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.138.1.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.138.1.1.4

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.1.5

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.1.6

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 | The value is always 0 |

## isisSysLevelTable

OID of this table is: 1.3.6.1.2.1.138.1.2.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 2  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 | Only support read operation  The value is always false(2) |

## isisCirc

OID of this table is: 1.3.6.1.2.1.138.1.3

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| isisNextCircIndex (1.3.6.1.2.1.138.1.3.1) | read-only | No | Range from 0 to 255 |

## isisCircTable

OID of this table is: 1.3.6.1.2.1.138.1.3.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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  The value is always false（2） |
| isisCircExtendedCircID (1.3.6.1.2.1.138.1.3.2.1.14) | read-create | No | Only support read operation  The value is always 0 |

## isisCircLevelTable

OID of this table is: 1.3.6.1.2.1.138.1.4.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.5.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.5.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.5.3

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.6.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 | The value is always down(2) |
| 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 | The value is always 0 |
| 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 of this table is: 1.3.6.1.2.1.138.1.6.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.6.3

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.6.4

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| isisISAdjProtSuppProtocol (1.3.6.1.2.1.138.1.6.4.1.1) | read-only | No | As per MIB |

## isisRATable

OID of this table is: 1.3.6.1.2.1.138.1.7.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.8.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.9.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.9.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.2.1.138.1.10.1

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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-MIB

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

## Scalar Objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.2.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.2.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.3.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.3.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.4.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.4.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.4.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-EXT-DOT1-MIB

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

## lldpXdot1ConfigPortVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.1

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1ConfigPortVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.1.1.1) | read-write | Current | Default value(TRUE) |

## lldpXdot1ConfigVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.2

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1ConfigVlanNameTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.2.1.1) | read-write | Current | Default value (FALSE). |

## lldpXdot1ConfigProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.3

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1ConfigProtoVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.3.1.1) | read-write | Current | Default value (FALSE). |

## lldpXdot1ConfigProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1ConfigProtocolTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.4.1.1) | read-write | Current | Not supported.The value is FALSE when interface works in bridge mode. |

## lldpXdot1LocTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.1

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1LocPortVlanId (1.0.8802.1.1.2.1.5.32962.1.2.1.1.1) | read-only | Current | As per MIB |

## lldpXdot1LocProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.2

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1LocProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.2.2.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1LocProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.2.2.1.2) | read-only | Current | As per MIB |
| lldpXdot1LocProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.2.2.1.3) | read-only | Current | As per MIB |

## lldpXdot1LocVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.3

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1LocVlanId (1.0.8802.1.1.2.1.5.32962.1.2.3.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1LocVlanName (1.0.8802.1.1.2.1.5.32962.1.2.3.1.2) | read-only | Current | As per MIB |

## lldpXdot1LocProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1LocProtocolIndex (1.0.8802.1.1.2.1.5.32962.1.2.4.1.1) | not-accessible | Current | Not supported. The value is 1 when interface works in bridge mode. |
| lldpXdot1LocProtocolId (1.0.8802.1.1.2.1.5.32962.1.2.4.1.2) | read-only | Current | Not supported.The value is protocol when interface works in bridge mode. |

## lldpXdot1RemTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1RemPortVlanId (1.0.8802.1.1.2.1.5.32962.1.3.1.1.1) | read-only | No | As per MIB |

## lldpXdot1RemProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1RemProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.3.2.1.1) | not-accessible | No | As per MIB |
| lldpXdot1RemProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.3.2.1.2) | read-only | No | As per MIB |
| lldpXdot1RemProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.3.2.1.3) | read-only | No | As per MIB |

## lldpXdot1RemVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1RemVlanId (1.0.8802.1.1.2.1.5.32962.1.3.3.1.1) | not-accessible | No | As per MIB |
| lldpXdot1RemVlanName (1.0.8802.1.1.2.1.5.32962.1.3.3.1.2) | read-only | No | As per MIB |

## lldpXdot1RemProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1RemProtocolIndex (1.0.8802.1.1.2.1.5.32962.1.3.4.1.1) | not-accessible | No | As per MIB |
| lldpXdot1RemProtocolId (1.0.8802.1.1.2.1.5.32962.1.3.4.1.2) | read-only | 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 Name TLV is supported in LLDP packets |

## lldpV2Xdot1ConfigProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpV2Xdot1ConfigProtocolTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.4.1.1) | read-write | Current | Not supported |

## lldpV2Xdot1ConfigVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpV2Xdot1ConfigVidUsageDigestTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.5.1.1) | read-write | Current | Not supported |

## lldpV2Xdot1ConfigManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpV2Xdot1LocVidUsageDigest(1.3.111.2.802.1.1.13.1.5.32962.1.2.5.1.1) | read-only | Yes | Not supported |

## lldpV2Xdot1LocManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## lldpXdot1dcbxConfigETSConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxConfigETSConfigurationTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.1.1.1) | read-write | Current | The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSRecommendationTxEnable, lldpXdot1dcbxConfigPFCTxEnable and lldpXdot1dcbxConfigApplicationPriorityTxEnable. |

## lldpXdot1dcbxConfigETSRecommendationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxConfigETSRecommendationTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.2.1.1) | read-write | Current | The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSConfigurationTxEnable ,lldpXdot1dcbxConfigPFCTxEnable and lldpXdot1dcbxConfigApplicationPriorityTxEnable. |

## lldpXdot1dcbxConfigPFCTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxConfigPFCTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3.1.1) | read-write | Current | The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSConfigurationTxEnable, lldpXdot1dcbxConfigETSRecommendationTxEnable  and lldpXdot1dcbxConfigApplicationPriorityTxEnable. |

## lldpXdot1dcbxConfigApplicationPriorityTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxConfigApplicationPriorityTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4.1.1) | read-write | Current | The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSConfigurationTxEnable, lldpXdot1dcbxConfigETSRecommendationTxEnable and lldpXdot1dcbxConfigPFCTxEnable. |

## lldpXdot1dcbxLocETSBasicConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.1) | read-only | Yes | As per MIB |
| lldpXdot1dcbxLocETSConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.2) | read-only | Yes | As per MIB |
| lldpXdot1dcbxLocETSConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.3) | read-only | Yes | As per MIB |

## lldpXdot1dcbxLocETSConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2.1.1) | not-accessible | Yes | As per MIB |
| lldpXdot1dcbxLocETSConPriTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocETSConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSConTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxLocETSConTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocETSConTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSConTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxLocETSConTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxLocETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocPFCBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.1) | read-only | Yes | As per MIB |
| lldpXdot1dcbxLocPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.2) | read-only | Yes | As per MIB |
| lldpXdot1dcbxLocPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.3) | read-only | Yes | As per MIB |

## lldpXdot1dcbxLocPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2.1.1) | not-accessible | Yes | As per MIB |
| lldpXdot1dcbxLocPFCEnableEnabled (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2.1.2) | read-only | Current | As per MIB |

## lldpXdot1dcbxLocApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxLocApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxLocApplicationPriorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4.1.2) | not-accessible | Current | The value is fixed to 35078 in DCBX Rev 1.00. |
| lldpXdot1dcbxLocApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4.1.3) | read-only | Current | As per MIB |

## lldpXdot1dcbxRemETSBasicConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1.1.1) | read-only | No | As per MIB |
| lldpXdot1dcbxRemETSConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1.1.2) | read-only | No | As per MIB |
| lldpXdot1dcbxRemETSConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1.1.3) | read-only | No | As per MIB |

## lldpXdot1dcbxRemETSConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemETSConPriTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemETSConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSConTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemETSConTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemETSConTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSConTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemETSConTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemPFCBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.1) | read-only | No | As per MIB |
| lldpXdot1dcbxRemPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.2) | read-only | No | As per MIB |
| lldpXdot1dcbxRemPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.3) | read-only | No | As per MIB |

## lldpXdot1dcbxRemPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemPFCEnableEnabled (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2.1.2) | read-only | No | As per MIB |

## lldpXdot1dcbxRemApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxRemApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.1) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemApplicationPriorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.2) | not-accessible | No | As per MIB |
| lldpXdot1dcbxRemApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.3) | read-only | No | As per MIB |

## lldpXdot1dcbxAdminETSBasicConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.1) | read-only | Yes | As per MIB |
| lldpXdot1dcbxAdminETSConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.2) | read-only | Yes | As per MIB |
| lldpXdot1dcbxAdminETSConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.3) | read-write | Yes | Only support read operation |

## lldpXdot1dcbxAdminETSConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2.1.1) | not-accessible | Yes | As per MIB |
| lldpXdot1dcbxAdminETSConPriTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminETSConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSConTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminETSConTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminETSConTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSConTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminETSConTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminPFCBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.1) | read-write | Yes | Only support read operation |
| lldpXdot1dcbxAdminPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.2) | read-only | Yes | As per MIB |
| lldpXdot1dcbxAdminPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.3) | read-only | Yes | As per MIB |

## lldpXdot1dcbxAdminPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2.1.1) | not-accessible | Yes | As per MIB |
| lldpXdot1dcbxAdminPFCEnableEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2.1.2) | read-write | Current | Only support read operation |

## lldpXdot1dcbxAdminApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot1dcbxAdminApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.1) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminApplicationPriorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.2) | not-accessible | Current | As per MIB |
| lldpXdot1dcbxAdminApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.3) | read-create | Current | Only support read operation |

# LLDP-EXT-DOT3-MIB

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

## lldpXdot3PortConfigTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3PortConfigTLVsTxEnable (1.0.8802.1.1.2.1.5.4623.1.1.1.1.1) | read-write | Current | Every bit will be set to ‘1’ by default, which means all IEEE 802.3 organizationally defined TLVs will be transmitted on the given port. |

## lldpXdot3LocPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3LocPortAutoNegSupported (1.0.8802.1.1.2.1.5.4623.1.2.1.1.1) | read-only | Current | As per MIB |
| lldpXdot3LocPortAutoNegEnabled (1.0.8802.1.1.2.1.5.4623.1.2.1.1.2) | read-only | Current | As per MIB |
| lldpXdot3LocPortAutoNegAdvertisedCap (1.0.8802.1.1.2.1.5.4623.1.2.1.1.3) | read-only | Current | As per MIB |
| lldpXdot3LocPortOperMauType (1.0.8802.1.1.2.1.5.4623.1.2.1.1.4) | read-only | Current | As per MIB |

## lldpXdot3LocPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3LocPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.1) | read-only | Current | As per MIB |
| lldpXdot3LocPowerMDISupported (1.0.8802.1.1.2.1.5.4623.1.2.2.1.2) | read-only | Current | As per MIB |
| lldpXdot3LocPowerMDIEnabled (1.0.8802.1.1.2.1.5.4623.1.2.2.1.3) | read-only | Current | As per MIB |
| lldpXdot3LocPowerPairControlable (1.0.8802.1.1.2.1.5.4623.1.2.2.1.4) | read-only | Current | As per MIB |
| lldpXdot3LocPowerPairs (1.0.8802.1.1.2.1.5.4623.1.2.2.1.5) | read-only | Current | As per MIB |
| lldpXdot3LocPowerClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.6) | read-only | Current | As per MIB |

## lldpXdot3LocLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3LocLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.2.3.1.1) | read-only | Current | As per MIB |
| lldpXdot3LocLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.2.3.1.2) | read-only | Current | As per MIB |

## lldpXdot3LocMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3LocMaxFrameSize (1.0.8802.1.1.2.1.5.4623.1.2.4.1.1) | read-only | Current | As per MIB |

## lldpXdot3RemPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3RemPortAutoNegSupported (1.0.8802.1.1.2.1.5.4623.1.3.1.1.1) | read-only | No | As per MIB |
| lldpXdot3RemPortAutoNegEnabled (1.0.8802.1.1.2.1.5.4623.1.3.1.1.2) | read-only | No | As per MIB |
| lldpXdot3RemPortAutoNegAdvertisedCap (1.0.8802.1.1.2.1.5.4623.1.3.1.1.3) | read-only | No | As per MIB |
| lldpXdot3RemPortOperMauType (1.0.8802.1.1.2.1.5.4623.1.3.1.1.4) | read-only | No | As per MIB |

## lldpXdot3RemPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3RemPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.3.2.1.1) | read-only | No | As per MIB |
| lldpXdot3RemPowerMDISupported (1.0.8802.1.1.2.1.5.4623.1.3.2.1.2) | read-only | No | As per MIB |
| lldpXdot3RemPowerMDIEnabled (1.0.8802.1.1.2.1.5.4623.1.3.2.1.3) | read-only | No | As per MIB |
| lldpXdot3RemPowerPairControlable (1.0.8802.1.1.2.1.5.4623.1.3.2.1.4) | read-only | No | As per MIB |
| lldpXdot3RemPowerPairs (1.0.8802.1.1.2.1.5.4623.1.3.2.1.5) | read-only | No | As per MIB |
| lldpXdot3RemPowerClass (1.0.8802.1.1.2.1.5.4623.1.3.2.1.6) | read-only | No | As per MIB |

## lldpXdot3RemLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3RemLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.3.3.1.1) | read-only | No | As per MIB |
| lldpXdot3RemLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.3.3.1.2) | read-only | No | As per MIB |

## lldpXdot3RemMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXdot3RemMaxFrameSize (1.0.8802.1.1.2.1.5.4623.1.3.4.1.1) | 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Not supported |
| lldpXMedLocXPoEPSEPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.12) | read-only | Current | Not supported |
| lldpXMedLocXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.2.13) | read-only | Current | Not supported |
| lldpXMedLocXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.14) | read-only | Current | Not supported |
| lldpXMedLocXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.2.15) | read-only | Current | Not supported |

## lldpXMedPortConfigEntry

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## lldpXMedLocLocationTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.2.9

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

## lldpXMedRemCapabilitiesTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| lldpXMedRemXPoEDeviceType (1.0.8802.1.1.2.1.5.4795.1.3.5.1.1) | read-only | No | As per MIB |

## lldpXMedRemXPoEPSETable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-V2-MIB

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

## Scalar Objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.1.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.1.9

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.1.10

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.2.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.2.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.3.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.3.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.4.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.4.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.111.2.802.1.1.13.1.4.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.26.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| 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 | As per MIB |

## ifJackTable of dot3IfMauBasicGroup

OID of this table is: 1.3.6.1.2.1.26.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.26.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| 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 | As per MIB |
| ifMauAutoNegCapAdvertised (1.3.6.1.2.1.26.5.1.1.6) | read-write | Current | Only support read operation |
| ifMauAutoNegCapReceived (1.3.6.1.2.1.26.5.1.1.7) | read-only | No | As per MIB |
| 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 |
| 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 |
| ifMauAutoNegRemoteFaultReceived (1.3.6.1.2.1.26.5.1.1.13) | read-only | Current | As per MIB |

# MPLS-L3VPN-STD-MIB

Not support.

## mplsL3VpnScalars

OID of this table is: 1.3.6.1.2.1.10.166.11.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.2.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.10.166.11.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# OSPF-MIB

Not support.

## ospfGeneralGroup

OID of this table is: 1.3.6.1.2.1.14.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.5 （obsolete）

## ospfHostTable

OID of this table is: 1.3.6.1.2.1.14.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.9

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.10

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.12

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.14

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.17

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.18

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.19

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.14.20

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# OSPF-TRAP-MIB

Not support.

## ospfTrapControl

OID of this table is: 1.3.6.1.2.1.14.16.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| ospfSetTrap (1.3.6.1.2.1.14.16.1.1) | read-write | Current | As per MIB |
| ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2) | read-only | No | As per MIB |
| ospfPacketType (1.3.6.1.2.1.14.16.1.3) | read-only | No | As per MIB |
| ospfPacketSrc (1.3.6.1.2.1.14.16.1.4) | read-only | No | As per MIB |

# P-BRIDGE-MIB

## Scalar objects of dot1dExtBase group

OID of this table is: 1.3.6.1.2.1.17.6.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.17.6.1.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# Q-BRIDGE-MIB

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

## dot1qBase group

OID of this table is: 1.3.6.1.2.1.17.7.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qVlanVersionNumber (1.3.6.1.2.1.17.7.1.1.1) | read-only | Current | As per MIB |
| dot1qMaxVlanId (1.3.6.1.2.1.17.7.1.1.2) | read-only | Current | As per MIB |
| dot1qMaxSupportedVlans (1.3.6.1.2.1.17.7.1.1.3) | read-only | Current | As per MIB |
| dot1qNumVlans (1.3.6.1.2.1.17.7.1.1.4) | read-only | No | As per MIB |
| dot1qGvrpStatus (1.3.6.1.2.1.17.7.1.1.5) | read-write | No | Not supported |

## dot1qTpFdbTable

OID of this table is: 1.3.6.1.2.1.17.7.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qTpFdbAddress (1.3.6.1.2.1.17.7.1.2.2.1.1) | not-accessible | Current | As per MIB |
| dot1qTpFdbPort (1.3.6.1.2.1.17.7.1.2.2.1.2) | read-only | Current | As per MIB |
| dot1qTpFdbStatus (1.3.6.1.2.1.17.7.1.2.2.1.3) | read-only | Current | The MAC addresses configured as dynamic are integrated into the MAC addresses learned. |

## Scalar objects of dot1qVlan group

OID of this table is: 1.3.6.1.2.1.17.7.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qConstraintTypeDefault (1.3.6.1.2.1.17.7.1.4.10) | read-only | Current | As per MIB |

## dot1qVlanCurrentTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qVlanTimeMark  (1.3.6.1.2.1.17.7.1.4.2.1.1) | not-accessible | No | As per MIB |
| dot1qVlanIndex  (1.3.6.1.2.1.17.7.1.4.2.1.2) | not-accessible | No | As per MIB |
| dot1qVlanFdbId  (1.3.6.1.2.1.17.7.1.4.2.1.3) | read-only | No | As per MIB |
| dot1qVlanCurrentEgressPorts  (1.3.6.1.2.1.17.7.1.4.2.1.4) | read-only | No | As per MIB |
| dot1qVlanCurrentUntaggedPorts  (1.3.6.1.2.1.17.7.1.4.2.1.5) | read-only | No | As per MIB |
| dot1qVlanStatus  (1.3.6.1.2.1.17.7.1.4.2.1.6) | read-only | No | As per MIB |
| dot1qVlanCreationTime  (1.3.6.1.2.1.17.7.1.4.2.1.7) | read-only | No | As per MIB |

## dot1qVlanStaticTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qVlanStaticName (1.3.6.1.2.1.17.7.1.4.3.1.1) | read-create | Current | A null string or zero length string inputted as dot1qVlanStaticName will be replaced with the default name of the vlan.  Default value for each vlan is “vlan xxxx”, and xxxx is serial number of the vlan. |
| dot1qVlanStaticEgressPorts (1.3.6.1.2.1.17.7.1.4.3.1.2) | read-create | Current | As per MIB |
| dot1qVlanForbiddenEgressPorts (1.3.6.1.2.1.17.7.1.4.3.1.3) | read-create | Current | Not supported |
| dot1qVlanStaticUntaggedPorts (1.3.6.1.2.1.17.7.1.4.3.1.4) | read-create | Current | As per MIB |
| dot1qVlanStaticRowStatus (1.3.6.1.2.1.17.7.1.4.3.1.5) | read-create | Current | Only support active(1), createAndgo(4) and destroy(6). The default vlan can not be destroyed. |

## dot1qPortVlanTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| dot1qPvid (1.3.6.1.2.1.17.7.1.4.5.1.1) | read-write | Current | This node does not support set operation when the port type is access |
| dot1qPortAcceptableFrameTypes (1.3.6.1.2.1.17.7.1.4.5.1.2) | read-only | No | As per MIB |
| dot1qPortIngressFiltering (1.3.6.1.2.1.17.7.1.4.5.1.3) | read-only | No | As per MIB |
| dot1qPortGvrpStatus (1.3.6.1.2.1.17.7.1.4.5.1.4) | read-write | Current | Not supported |
| dot1qPortGvrpFailedRegistrations (1.3.6.1.2.1.17.7.1.4.5.1.5) | read-only | No | Not supported |
| dot1qPortGvrpLastPduOrigin (1.3.6.1.2.1.17.7.1.4.5.1.6) | read-only | No | Not supported |

# RFC1213-MIB

## system Group {mib-2.1}

This group is fully supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| sysDescr (1.3.6.1.2.1.1.1) | read-only | No | "H3C S5130EI" for H3C S5130EI series devices;  "H3C S5130EI-D" for H3C S5130EI-D series devices;  "H3C E528-X" for H3C E528-X devices;  "H3C E552-X" for H3C E552-X devices;  “HP V1950” for HP 1950 series devices; |
| sysObjectID (1.3.6.1.2.1.1.2) | read-only | No | H3C S5130EI --->  hh3cS513028SEI 1.3.6.1.4.1.25506.1.947  hh3cS513052SEI 1.3.6.1.4.1.25506.1.948  hh3cS513028FEI 1.3.6.1.4.1.25506.1.949  hh3cS513028SPWREI 1.3.6.1.4.1.25506.1.950  hh3cS513052SPWREI 1.3.6.1.4.1.25506.1.951  hh3cS513028SEID 1.3.6.1.4.1.25506.1.1026  hh3cS513052SEID 1.3.6.1.4.1.25506.1.1027  hh3cS513028FEID 1.3.6.1.4.1.25506.1.1028  hh3cS513028SHPWREID 1.3.6.1.4.1.25506.1.1029  hh3cS513052SPWREID 1.3.6.1.4.1.25506.1.1030  hh3cS513028SHPWREI 1.3.6.1.4.1.25506.1.1031  hh3cE528X 1.3.6.1.4.1.25506.1.1032  hh3cE552X 1.3.6.1.4.1.25506.1.1033  hh3cS513028TPEI 1.3.6.1.4.1.25506.1.1085  hh3cS513052TPEI 1.3.6.1.4.1.25506.1.1086  hh3cS513028TPPWREI 1.3.6.1.4.1.25506.1.1087  hh3cS513052TPPWREI 1.3.6.1.4.1.25506.1.1088  hh3cS513028SSI  1.3.6.1.4.1.25506.1.1121  hh3cS513052SSI  1.3.6.1.4.1.25506.1.1122  hh3cS513028FSI  1.3.6.1.4.1.25506.1.1123  hh3cS556028SSI  1.3.6.1.4.1.25506.1.1124  hh3cS556052SSI  1.3.6.1.4.1.25506.1.1125  hh3cS556028FSI  1.3.6.1.4.1.25506.1.1126  hh3cMS432028S  1.3.6.1.4.1.25506.1.1211  hh3cMS432052S  1.3.6.1.4.1.25506.1.1212  hh3cMS432028F  1.3.6.1.4.1.25506.1.1213  HP --->  hp195024G2SFPPlus2XGT  1.3.6.1.4.1.25506.11.1.180  hp195048G2SFPPlus2XGT  1.3.6.1.4.1.25506.11.1.181  hp195024G2SFPPlus2XGTPoEPlus  1.3.6.1.4.1.25506.11.1.182  hp195048G2SFPPlus2XGTPoEPlus  1.3.6.1.4.1.25506.11.1.183  hp513024G4SFPPlusEI  1.3.6.1.4.1.25506.11.1.184  hp513024GSFP4SFPPlusEI  1.3.6.1.4.1.25506.11.1.185  hp513048G4SFPPlusEI  1.3.6.1.4.1.25506.11.1.186  hp513024GPoEPlus4SFPPlus180WEI  1.3.6.1.4.1.25506.11.1.187  hp513024GPoEPlus4SFPPlus370WEI  1.3.6.1.4.1.25506.11.1.188  hp513048GPoEPlus4SFPPlus370WEI  1.3.6.1.4.1.25506.11.1.189  hp513024G2SFPPlus2XGTEI  1.3.6.1.4.1.25506.11.1.190  hp513048G2SFPPlus2XGTEI  1.3.6.1.4.1.25506.11.1.191  hp513024GPoEPlus2SFPPlus2XGT370WEI  1.3.6.1.4.1.25506.11.1.192  hp513048GPoEPlus2SFPPlus2XGT370WEI  1.3.6.1.4.1.25506.11.1.193  hp513024G4SFPPlusEITAA  1.3.6.1.4.1.25506.11.1.194  hp513024GSFP4SFPPlusEITAA  1.3.6.1.4.1.25506.11.1.195  hp513048G4SFPPlusEITAA  1.3.6.1.4.1.25506.11.1.196  hp513024GPoEPlus4SFPPlus150WEITAA  1.3.6.1.4.1.25506.11.1.197  hp513024GPoEPlus4SFPPlus370WEITAA  1.3.6.1.4.1.25506.11.1.198  hp513048GPoEPlus4SFPPlus370WEITAA  1.3.6.1.4.1.25506.11.1.199  hp513024G2SFPPlus2XGTEITAA  1.3.6.1.4.1.25506.11.1.200  hp513048G2SFPPlus2XGTEITAA  1.3.6.1.4.1.25506.11.1.201  hp513024GPoEPlus2SFPPlus2XGT370WEITAA  1.3.6.1.4.1.25506.11.1.202  hp513048GPoEPlus2SFPPlus2XGT370WEITAA  1.3.6.1.4.1.25506.11.1.203  hp513024G4SFPPlusEIBrazil  1.3.6.1.4.1.25506.11.1.208  hp513048G4SFPPlusEIBrazil  1.3.6.1.4.1.25506.11.1.209  hp513024GPoEPlus4SFPPlus370WEIBrazil  1.3.6.1.4.1.25506.11.1.210  hp513048GPoEPlus4SFPPlus370WEIBrazil  1.3.6.1.4.1.25506.11.1.211  NEC --->  QX\_S5224GT\_4X  1.3.6.1.4.1.119.1.126.2.104  QX\_S5248GT\_4X  1.3.6.1.4.1.119.1.126.2.105  QX\_S5224GP\_4X  1.3.6.1.4.1.119.1.126.2.106  hh3cS5130-28S-WiNet  1.3.6.1.4.1.25506.1.1380  hh3cS5130-52S-WiNet  1.3.6.1.4.1.25506.1.1381  hh3cS5500-28X-WiNet  1.3.6.1.4.1.25506.1.1383  hh3cS5500-52X-WiNet  1.3.6.1.4.1.25506.1.1384  unisS5200-28S-EI  1.3.6.1.4.1.10519.256.1.1.1  unisS5200-52S-EI  1.3.6.1.4.1.10519.256.1.1.2  unisS5200-28F-EI  1.3.6.1.4.1.10519.256.1.1.3  unisS5200-28S-HPWR-EI  1.3.6.1.4.1.10519.256.1.1.4  unisS5200-52S-PWR-EI  1.3.6.1.4.1.10519.256.1.1.5 |
| 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 | "Hangzhou H3C Technologies Co., Ltd." for H3C devices; "" for HP devices  The length of value is 1 to 255. |
| sysName (1.3.6.1.2.1.1.5) | read-write | Current | "H3C" for all H3C brand devices |
| sysLocation (1.3.6.1.2.1.1.6) | read-write | Current | "Hangzhou, China" for H3C devices; "" for HP devices  The length of value is 1 to 255. |
| 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 of this table is: 1.3.6.1.2.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| ipForwarding (1.3.6.1.2.1.4.1) | read-only | 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-only | 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 of this table is: 1.3.6.1.2.1.4.20

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.21

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.22

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| ipNetToMediaIfIndex (1.3.6.1.2.1.4.22.1.1) | read-write | Current | Only support read operation  The value of static arp entries is 0 |
| 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 of this table is: 1.3.6.1.2.1.4.30

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.31.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.31.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.32

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.34

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-create | No | The value is always volatile(2). |

### ipNetToPhysicalTable

OID of this table is: 1.3.6.1.2.1.4.35

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.37

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.4.39

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.5.29

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.5.30

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.6.13

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.7.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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}

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.23.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.23.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.23.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.23.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# 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 of this table is: 1.3.6.1.2.1.16.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | The packet length can be specified by command: jumboframe enable. |
| 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 | The packet length can be specified by command: jumboframe enable. |
| 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 | Not supported |
| 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 | The total number of packets received that had length equal to 64 octects. |
| 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 | As per MIB |
| 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 ‘?’. |
| 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 of this table is: 1.3.6.1.2.1.16.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |
| 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 ‘?’. |
| historyControlStatus (1.3.6.1.2.1.16.2.1.1.7) | read-create | Current | As per MIB |

## etherHistoryTable

OID of this table is: 1.3.6.1.2.1.16.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | The packet length can be specified by command: jumboframe enable. |
| 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 | The packet length can be specified by command: jumboframe enable. |
| 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 | Not supported |
| 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 of this table is: 1.3.6.1.2.1.16.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |
| 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 | As per MIB |
| 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 | As per MIB |
| alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7) | read-create | Current | As per MIB |
| alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8) | read-create | Current | As per MIB |
| alarmRisingEventIndex (1.3.6.1.2.1.16.3.1.1.9) | read-create | Current | As per MIB |
| alarmFallingEventIndex (1.3.6.1.2.1.16.3.1.1.10) | read-create | Current | As per MIB |
| 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 ‘?’. |
| 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 of this table is: 1.3.6.1.2.1.16.9.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| eventType (1.3.6.1.2.1.16.9.1.1.3) | read-create | Current | As per MIB |
| 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 ‘?’. |
| eventStatus (1.3.6.1.2.1.16.9.1.1.7) | read-create | Current | As per MIB |

## logTable

OID of this table is: 1.3.6.1.2.1.16.9.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# 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 of this table is: 1.3.6.1.2.1.16.18.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |
| 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 ‘?’. |
| 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 of this table is: 1.3.6.1.2.1.16.18.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.16.18.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.16.19

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

# SFLOW-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.14706.1.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.14706.1.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.14706.1.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.13.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.13.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.13.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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:

1. The value of snmpTargetAddrName is the same as the value of snmpTargetAddrParams.
2. The value of snmpTargetAddrParams is the same as the value of snmpTargetParamsName.
3. 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.
4. The value of snmpTargetAddrTagList must be octect string “TrapHost”.
5. For IPV4, the value of snmpTargetAddrTDomain must be snmpUDPDomain.
6. The value of snmpTargetAddrStorageType should be nonVolatile.
7. The length of snmpTargetParamsSecurityName in snmpTargetAddrParams restricted in 1 to 32 octets.
8. The length of VPN Instance name in snmpTargetAddrParams restricted in 1 to 31 octets.

## Scalar objects of snmpTargetObjects group

OID of this table is: 1.3.6.1.6.3.12.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.12.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.12.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.15.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.15.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| usmUserSpinLock (1.3.6.1.6.3.15.1.2.1) | read-write | No | As per MIB |

## usmUserTable of usmUser Group

OID of this table is: 1.3.6.1.6.3.15.1.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# SNMP-VIEW-BASED-ACM-MIB

## vacmContextTable

OID of this table is: 1.3.6.1.6.3.16.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| vacmContextName (1.3.6.1.6.3.16.1.1.1.1) | read-only | No | The value is always “-”, other value is not supported |

## vacmSecurityToGroupTable

OID of this table is: 1.3.6.1.6.3.16.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.16.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.6.3.16.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| vacmViewSpinLock (1.3.6.1.6.3.16.1.5.1) | read-write | No | As per MIB |

## vacmViewTreeFamilyTable of vacmMIBViews group

OID of this table is: 1.3.6.1.6.3.16.1.5.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# SNMPv2-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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}

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# TCP-MIB

RFC4022-MIB update the TCP Group in RFC1213-MIB.

TCP Group{mib-2.6}

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.6.13

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.6.19

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.6.20

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# UDP-MIB

RFC4113-MIB update the UDP Group in RFC1213-MIB.

UDP Group{mib-2.7}

## Scalar objects

A statistics collection for UDP group.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.7.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.7.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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.

Not support.

## Scalar objects of vrrpOperations group

OID of this table is: 1.3.6.1.2.1.68.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.68.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.68.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.68.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.2.1.68.2.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# HH3C-ACL-MIB

## hh3cAclMib2NodesGroup

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Not supported |
| 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 of this table is :1.3.6.1.4.1.25506.2.8.2.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is :1.3.6.1.4.1.25506.2.8.2.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cAclNumberGroupType (1.3.6.1.4.1.25506.2.8.2.1.3.1.1) | not-accessible | Current | As per MIB |
| hh3cAclNumberGroupIndex (1.3.6.1.4.1.25506.2.8.2.1.3.1.2) | not-accessible | Current | Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6 |
| 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 |

## hh3cAclIPAclBasicTable

OID of this table is :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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is :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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

## hh3cAclMACTable

OID of this table is :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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cAclResourceUsageTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cAclResourceChassis (1.3.6.1.4.1.25506.2.8.2.5.1.1.1) | not-accessible | No | As per MIB |
| hh3cAclResourceSlot (1.3.6.1.4.1.25506.2.8.2.5.1.1.2) | not-accessible | No | As per MIB |
| hh3cAclResourceChip (1.3.6.1.4.1.25506.2.8.2.5.1.1.3) | not-accessible | No | As per MIB |
| hh3cAclResourceType (1.3.6.1.4.1.25506.2.8.2.5.1.1.4) | not-accessible | No | As per MIB |
| hh3cAclPortRange (1.3.6.1.4.1.25506.2.8.2.5.1.1.5) | read-only | No | As per MIB |
| hh3cAclResourceTotal (1.3.6.1.4.1.25506.2.8.2.5.1.1.6) | read-only | No | As per MIB |
| hh3cAclResourceReserved (1.3.6.1.4.1.25506.2.8.2.5.1.1.7) | read-only | No | As per MIB |
| hh3cAclResourceConfigured (1.3.6.1.4.1.25506.2.8.2.5.1.1.8) | read-only | No | As per MIB |
| hh3cAclResourceUsagePercent (1.3.6.1.4.1.25506.2.8.2.5.1.1.9) | read-only | No | As per MIB |
| hh3cAclResourceTypeDescription (1.3.6.1.4.1.25506.2.8.2.5.1.1.10) | read-only | No | As per MIB |

## hh3cPfilterScalarGroup

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.8.3.2

Notes:

When the node hh3cPfilterApplyHardCount is set, the value of hh3cPfilterApplyAclType must be 1 or 2.

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| hh3cPfilterApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.2.1.5) | not-accessible | Current | Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6 |
| hh3cPfilterApplyHardCount (1.3.6.1.4.1.25506.2.8.3.2.1.6) | read-create | Current | As per MIB |
| 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 of this table is: 1.3.6.1.4.1.25506.2.8.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cPfilterAclGroupStatus (1.3.6.1.4.1.25506.2.8.3.3.1.1) | read-only | No | As per MIB |
| hh3cPfilterAclGroupCountStatus (1.3.6.1.4.1.25506.2.8.3.3.1.2) | read-only | No | As per MIB |
| hh3cPfilterAclGroupPermitPkts (1.3.6.1.4.1.25506.2.8.3.3.1.3) | read-only | No | As per MIB |
| hh3cPfilterAclGroupPermitBytes (1.3.6.1.4.1.25506.2.8.3.3.1.4) | read-only | No | Not supported |
| hh3cPfilterAclGroupDenyPkts (1.3.6.1.4.1.25506.2.8.3.3.1.5) | read-only | No | As per MIB |
| hh3cPfilterAclGroupDenyBytes (1.3.6.1.4.1.25506.2.8.3.3.1.6) | read-only | No | Not supported |

## hh3cPfilterAclRuleRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cPfilterAclRuleIndex (1.3.6.1.4.1.25506.2.8.3.4.1.1) | not-accessible | No | 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 of this table is: 1.3.6.1.4.1.25506.2.8.3.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cPfilterSumDirection (1.3.6.1.4.1.25506.2.8.3.5.1.1) | not-accessible | No | As per MIB |
| hh3cPfilterSumAclType (1.3.6.1.4.1.25506.2.8.3.5.1.2) | not-accessible | No | As per MIB |
| hh3cPfilterSumAclIndex (1.3.6.1.4.1.25506.2.8.3.5.1.3) | not-accessible | No | Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6 |
| hh3cPfilterSumRuleIndex (1.3.6.1.4.1.25506.2.8.3.5.1.4) | not-accessible | No | 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 |

# HH3C-CBQOS2-MIB

## Scalar Objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support userDefined(2) |
| 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 instance 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

OID of this table is: 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):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), matchRuleQosLocalID(15), matchRuleLocalPrecedence(22), matchRuleServiceDot1p(25),: hh3cCBQoSMatchRuleIntValue1 must be bound, hh3cCBQoSMatchRuleIntValue2 and hh3cCBQoSMatchRuleStringValue must not be bound.
8. If the hh3cCBQoSMatchRuleType is matchRuleDscp(7): only hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 can be bound, hh3cCBQoSMatchRuleStringValue must not be bound.
9. If the hh3cCBQoSMatchRuleType is matchRuleSourceMac(13), matchRuleDestinationMac(14),matchRuleClassifier(16),matchRuleInboundInterface(17), matchRuleVlanID(20), matchRuleTopMostVlanID(21)，matchRuleMplsLabel(26), matchRuleSecondMplsLabel(27): hh3cCBQoSMatchRuleStringValue must be bound, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.
10. The type matchRuleIPXProtocol(6) ,matchRuleAtmClp(11), matchRuleFrDe(12)and matchRuleSourceIp(19) are not supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support match(1) |
| 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),  matchRuleIpPre(8), matchRuleVlan8021p(9), matchRuleSourceMac(13), matchRuleDestinationMac(14), matchRuleQosLocalID(15), matchRuleVlanID(20), matchRuleTopMostVlanID(21), and matchRuleServiceDot1p(25) |
| 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). |

## hh3cCBQoSMatchCpProtoCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.4

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 hh3cCBQoSMatchCpProtoIfNot is not bound when creating a new entry of this table, the value ‘match’ will be given by the system as default.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSMatchCpProtoIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.1) | read-create | Current | Only support match(1) |
| hh3cCBQoSMatchCpProtoValue (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.2) | read-create | Current | Only support 1,2,3,4,8,9,10,11,12,14,15,16,17,18,19,22,23,26,31,32,33,34,50,54,55,57,58,59,60 |
| hh3cCBQoSMatchCpProtoRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSMatchCpGroupCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.5

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 hh3cCBQoSMatchCpGroupIfNot is not bound when creating a new entry of this table, the value ‘match’ will be given by the system as default.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSMatchCpGroupIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.5.1.1) | read-create | Current | Only support match(1) |
| hh3cCBQoSMatchCpGroupValue (1.3.6.1.4.1.25506.2.65.2.1.1.5.1.2) | read-create | Current | Only support critical(1) , important(2), management(3), normal(4), redirect(5), and monitor(6) |
| hh3cCBQoSMatchCpGroupRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.5.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSBehaviorCfgInfoTable

OID of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support userDefined(2) |
| 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 of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSCarCir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.1) | read-create | Current | Range from 8 to 160000000 The value must be a multiple of 8. |
| hh3cCBQoSCarCbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.2) | read-create | Current | Range from 512 to 256000000. The value must be a multiple of 512. |
| hh3cCBQoSCarEbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.3) | read-create | Current | The default value is 512. Range from 0 to 256000000. The value must be a multiple of 512. |
| hh3cCBQoSCarPir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.4) | read-create | Current | Range from 8 to 160000000 The value must be a multiple of 8. |
| 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-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17) |
| 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-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17) |
| 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-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17) |
| 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 of this table is: 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), typeVlan8021p(4), typeVlanID(7), typeQosLocalID(8), typeDropPrecedence(9), typeLocalPrecedence(10), typeTopMostVlanID(11).
3. hh3cCBQoSRemarkValue must be set according to the value of hh3cCBQoSRemarkType.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSRemarkType (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.1) | not-accessible | Current | Only support typeIpPrecedence(1), typeDscp(2), typeVlan8021p(4),  typeVlanID(7), typeQosLocalID(8), typeDropPrecedence(9), typeLocalPrecedence(10), and typeTopMostVlanID(11) |
| 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). |

## hh3cCBQoSFirewallCfgInfoTable

OID of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSAccountCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.14

This table does not support to modify the variable of existing entry, only supports

to create a new entry and destroy an existing entry.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSAccounting  (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.1) | read-create | Current | Not supported. The value is always true(1) |
| hh3cCBQoSAccountRowStatus  (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.2) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSAccountingMode  (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.3) | read-create | Current | Only support packet(2) and byte(3) |

## hh3cCBQoSRedirectCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.15

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

hh3cCBQoSRedirectType must be bound when creating a new entry of this table.

If hh3cCBQoSRedirectType is cpu(1), hh3cCBQoSRedirectIfIndex, hh3cCBQoSRedirectIfVlanID must not be bound

If hh3cCBQoSRedirectType is interface(2), only hh3cCBQoSRedirectIfIndex, hh3cCBQoSRedirectIfVlanID, and hh3cCBQoSRedirectRowStatus can be bound

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSRedirectType (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.1) | read-create | Current | Only support cpu(1), interface(2). |
| hh3cCBQoSRedirectIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.2) | read-create | Current | As per Mib |
| hh3cCBQoSRedirectIpAddressType (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.3) | read-create | Current | Not supported. The value is always unknown(0) |
| hh3cCBQoSRedirectIpAddress1  (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.4) | read-create | Current | Not supported. The value is always zero-length |
| hh3cCBQoSRedirectIpAddress2  (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.5) | read-create | Current | Not supported. The value is always zero-length |
| hh3cCBQoSRedirectRowStatus  (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.6) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSRedirectIpv6Interface1(1.3.6.1.4.1.25506.2.65.2.1.2.15.1.7) | read-create | Current | Not supported. The value is always 0 |
| hh3cCBQoSRedirectIpv6Interface2(1.3.6.1.4.1.25506.2.65.2.1.2.15.1.8) | read-create | Current | Not supported. The value is always 0 |
| hh3cCBQoSRedirectIfVlanID(1.3.6.1.4.1.25506.2.65.2.1.2.15.1.9) | read-create | Current | Not supported. The value is always 65535 |

## hh3cCBQoSMirrorCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.17

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSMirrorType (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.1) | read-create | Current | Only support cpu(2) |
| hh3cCBQoSMirrorIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.2) | read-create | Current | Not supported. The value is always zero-length |
| hh3cCBQoSMirrorVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.3) | read-create | Current | Not supported. The value is always 0 |
| hh3cCBQoSMirrorRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.4) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSNestCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.18

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSNestServiceVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.1) | read-create | Current | As per MIB |
| hh3cCBQoSNestServiceDot1pValue (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.2) | read-create | Current | Not supported. The value is always 65535 |
| hh3cCBQoSNestCustomerVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.3) | read-create | Current | Not supported. The value is always 65535 |
| hh3cCBQoSNestCustomerDot1pValue (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.4) | read-create | Current | Not supported. The value is always 65535 |
| hh3cCBQoSNestRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSMirrorIfCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.20

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSMirrorIfMainIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSMirrorIfMainIfStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.2) | read-only | Current | As per MIB |
| hh3cCBQoSMirrorIfBackupIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.3) | read-create | Current | Not supported. The value is always 0 |
| hh3cCBQoSMirrorIfBackupIfStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.4) | read-only | Current | The value is always inactive(1) |
| hh3cCBQoSMirrorIfRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSColoredRemarkCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.21

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,hh3cCBQoSColoredRemarkType and hh3cCBQoSColoredRemarkColor to create the new entry of this table.

(2) hh3cCBQoSColoredRemarkType can use the values,such as type typeDscp(2), typeVlan8021p(4), typeLocalPrecedence(10).

(3) hh3cCBQoSColoredRemarkColor can use the values,such as color Green(1),Yellow(2),Red(3).

(4) hh3cCBQoSColoredRemarkValue must be set according to the value of hh3cCBQoSRemarkType.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSColoredRemarkType  (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.1) | not-accessible | Current | Only support typeDscp(2), typeVlan8021p(4), typeLocalPrecedence(10) |
| hh3cCBQoSColoredRemarkColor  (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.2) | not-accessible | Current | As per MIB |
| hh3cCBQoSColoredRemarkValue  (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.3) | read-create | Current | As per MIB |
| hh3cCBQoSColoredRemarkRowStatus  (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.4) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSPolicyCfgInfoTable

OID of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 instance 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 of this table is: 1.3.6.1.4.1.25506.2.65.2.1.3.3

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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Only support modeDCBX(6). The default value is modeNo(1). |
| hh3cCBQoSPolicyClassCfgOrder (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.9) | read-only | Current | Not supported |

## hh3cCBQoSIfApplyPolicyTable

OID of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cCBQoSVlanApplyPolicyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.3

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

hh3cCBQoSVlanApplyPolicyName must be bound when creating a new entry of this table.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSVlanApplyPolicyVlanid (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.1) | accessible-for-notify | Current | As per MIB |
| hh3cCBQoSVlanApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.2) | accessible-for-notify | Current | As per MIB |
| hh3cCBQoSVlanApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.3) | read-create | Current | As per MIB |
| hh3cCBQoSVlanApplyPriority (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.4) | read-create | Current | Not supported. The value is always 0. |
| hh3cCBQoSVlanApplyPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSVlanApplyPolicyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.6) | read-only | Current | As per MIB |

## hh3cCBQoSGlobalApplyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.6

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

hh3cCBQoSGlobalApplyName must be bound when creating a new entry of this table.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSGlobalApplyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSGlobalApplyName (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.2) | read-create | Current | As per MIB |
| hh3cCBQoSGlobalApplyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.3) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |
| hh3cCBQoSGlobalApplyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.4) | read-only | Current | As per MIB |

## hh3cCBQoSCpApplyPolicyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.7

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

hh3cCBQoSCpApplyPolicyName must be bound when creating a new entry of this table.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSCpApplyPolicyChassis  (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSCpApplyPolicySlot  (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.2) | not-accessible | Current | As per MIB |
| hh3cCBQoSCpApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.3) | not-accessible | Current | Only support inbound (1) |
| hh3cCBQoSCpApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.4) | read-create | Current | As per MIB |
| hh3cCBQoSCpApplyPolicyStatus  (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.5) | read-only | Current | As per MIB |
| hh3cCBQoSCpApplyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.6) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6). |

## hh3cCBQoSApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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),  vlan(2), controlPlane(5). |
| 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 | As per MIB |
| hh3cCBQoSApplyObjectSubClass (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.6) | read-only | Current | Not supported |
| hh3cCBQoSApplyObjectSubClassSec (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.7) | read-only | Current | Not supported |

## hh3cCBQoSIntApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cCBQoSVlanApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSVlanApplyObjectVlanID (1.3.6.1.4.1.25506.2.65.2.1.5.5.3.1.1) | not-accessible | Current | The vlaue is 0 when policy is applied on global. |
| hh3cCBQoSVlanApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.3.1.2) | read-only | Current | As per MIB |

## hh3cCBQoSCpApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSCpApplyObjectChassis (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.1) | not-accessible | Current | As per MIB |
| hh3cCBQoSCpApplyObjectSlot  (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.2) | not-accessible | Current | As per MIB |
| hh3cCBQoSCpApplyObjectIndex  (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.3) | read-only | Current | As per MIB |

## hh3cCBQoSClassMatchRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSClassMatchedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.1) | read-only | No | Not supported. The value is always 0. |
| hh3cCBQoSClassMatchedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.2) | read-only | No | Not supported. The value is always 0. |
| hh3cCBQoSClassFwdPktpps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.3) | read-only | No | Not supported. 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 supported. 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 supported. 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 supported. 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 supported. 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 of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |
| hh3cCBQoSCarClassName (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.7) | read-only | No | As per MIB |

## hh3cCBQoSRemarkRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSRemarkedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.5.1.1) | read-only | No | Not supported. The value is always 0. |

## hh3cCBQoSAccountingRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cCBQoSAccountingPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.8.1.1) | read-only | No | As per MIB |
| hh3cCBQoSAccountingBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.8.1.2) | read-only | No | As per MIB |

# HH3C-COMMON-SYSTEM-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Not supported |
| 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 | As per MIB |

## hh3cSystemInfo

OID of this table is: 1.3.6.1.4.1.25506.6.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| hh3cSysTrapResendPeriod (1.3.6.1.4.1.25506.6.11.3) | read-write | No | As per MIB |
| hh3cSysTrapCollectionPeriod (1.3.6.1.4.1.25506.6.11.4) | read-write | No | As per MIB |
| hh3cSysSnmpPort (1.3.6.1.4.1.25506.6.11.5) | read-only | No | As per MIB |
| hh3cSysSnmpTrapPort (1.3.6.1.4.1.25506.6.11.6) | read-only | No | As per MIB |
| hh3cSysNetID (1.3.6.1.4.1.25506.6.11.7) | read-write | Current | As per MIB |
| hh3cSysLastSampleTime (1.3.6.1.4.1.25506.6.11.8) | read-only | No | As per MIB |
| 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 |

# 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 of this table is: 1.3.6.1.4.1.25506.2.4.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.4.1.1.7

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 write community. 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 | A snmp operation produce two piece of log, the value of this instance in the second log is 0.0.0.0 when hh3cCfgLogSrcData and hh3cCfgLogDesData haven’t the value of “netFtp”. |
| 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 of this table is: 1.3.6.1.4.1.25506.2.4.1.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.4.1.25506.2.4.1.2.4

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 | Not suppotred |
| hh3cCfgOperateSrvAddrRev  (1.3.6.1.4.1.25506.2.4.1.2.4.1.12) | read-create | No | Not suppotred |
| hh3cCfgOperateSrvVPNName(1.3.6.1.4.1.25506.2.4.1.2.4.13) | read-create | No | Not suppotred |

### hh3cCfgOperateResultTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.5

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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 of this table is: 1.3.6.1.4.1.25506.2.4.1.2.6

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| hh3cCfgExecuteOperateResultEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.6.1) | read-write | No | As per MIB |

### hh3cCfgExecuteResultTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.6.2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Access | PDS | Description |
| 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-DNS-MIB

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

## hh3cDnsStaticSrvIpTable

OID of this table is: 1.3.6.1.4.1.25506. 2.97.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDnsStaticSrvIpType (1.3.6.1.4.1.25506.2.97.1.1.1.1) | not-accessible | No | As per MIB. |
| 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 | As per MIB. |

## hh3cDnsDynamicSrvIpTable

OID of this table is: 1.3.6.1.4.1.25506.2.97.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-DLDP2-MIB

## hh3cDldp2ScalarGroup

OID of this table is: 1.3.6.1.4.1.25506.2.117.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDldp2GlobalEnable  (1.3.6.1.4.1.25506.2.117.1.1) | read-write | Current | As per MIB |
| hh3cDldp2Interval  (1.3.6.1.4.1.25506.2.117.1.2) | read-write | Current | As per MIB |
| hh3cDldp2AuthMode  (1.3.6.1.4.1.25506.2.117.1.3) | read-write | Current | As per MIB |
| hh3cDldp2AuthPassword  (1.3.6.1.4.1.25506.2.117.1.4) | read-write | Current | As per MIB |
| hh3cDldp2UniShutdown  (1.3.6.1.4.1.25506.2.117.1.5) | read-write | Current | As per MIB |

## hh3cDldp2PortConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDldp2PortEnable  (1.3.6.1.4.1.25506.2.117.2.1.1.1) | read-write | Current | As per MIB |

## hh3cDldp2PortStatusTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDldp2PortOperStatus  (1.3.6.1.4.1.25506.2.117.2.2.1.1) | read-only | No | As per MIB |
| hh3cDldp2PortLinkStatus  (1.3.6.1.4.1.25506.2.117.2.2.1.2) | read-only | No | As per MIB |

## hh3cDldp2NeighborTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDldp2NeighborBridgeMac  (1.3.6.1.4.1.25506.2.117.2.3.1.1) | not-accessible | No | As per MIB |
| hh3cDldp2NeighborPortIndex  (1.3.6.1.4.1.25506.2.117.2.3.1.2) | not-accessible | No | As per MIB |
| hh3cDldp2NeighborStatus  (1.3.6.1.4.1.25506.2.117.2.3.1.3) | read-only | No | As per MIB |
| hh3cDldp2NeighborAgingTime  (1.3.6.1.4.1.25506.2.117.2.3.1.4) | read-only | No | 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 of this table is: 1.3.6.1.4.1.25506.2.6.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | No | notSupported(1) and shuttingDown(3) can not be set |
| 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 | No | 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 | No | 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-write | No | The invalid value is 65535. |
| hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14) | read-only | No | Refer to the part ‘Relationship between entity and extend property’ |
| 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 | Refer to the part ‘Relationship between entity and extend property’ |
| 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 | As per MIB |
| hh3cEntityExtFirstUsedDate (1.3.6.1.4.1.25506.2.6.1.1.1.1.25) | read-only | No | As per MIB |
| 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 |

## hh3cEntityExtManuTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cEntityExtPowerTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cEntityExtPowerPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.3.1.1.1) | accessible-for-notify | No | Not supported |
| hh3cEntityExtNominalPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.2) | read-only | No | Not supported |
| hh3cEntityExtCurrentPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.3) | read-only | No | As per MIB |
| hh3cEntityExtAveragePower (1.3.6.1.4.1.25506.2.6.1.3.1.1.4) | read-write | No | Not supported |
| hh3cEntityExtPeakPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.5) | read-write | No | Not supported |

## hh3cProcessTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cProcessID (1.3.6.1.4.1.25506.2.6.1.4.1.1.1) | read-only | No | As per MIB |
| hh3cProcessName (1.3.6.1.4.1.25506.2.6.1.4.1.1.2) | read-only | No | As per MIB |
| hh3cProcessUtil5Min (1.3.6.1.4.1.25506.2.6.1.4.1.1.3) | read-only | No | As per MIB |

## Relationship between entity and extend property

The relationship between entity and extend property for S5130EI products is listed below. In these tables, stack stands for fabric, chassis stands for unit, and container stands for slot or sub-slot, module stands for board or sub-card.

| 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 | Yes |
| 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 | No |
| sensor | No |
| module | No |
| 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(the module which has cpu, and 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(the module which has cpu, and 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(the module which has memory, and 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(the module which has memory, and 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(the module which has memory, and 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 | No |
| other | No |
| unknown | No |

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

| entity | hh3cEntityExtTemperatureThreshold(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 | 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 | No |
| other | No |
| unknown | No |

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

| 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 | No |
| cpu | No |

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

# HH3C-ENTRELATION-MIB

## hh3cEntRelationTable

OID of this table is: 1.3.6.1.4.1.25506.2.15.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cFlhSupportNum (1.3.6.1.4.1.25506.2.5.1.1.1) | read-only | No | As per MIB |

## hh3cFlashTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Not supported |

## hh3cFlhPartitionTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | The value can only be set to true(1). |

## hh3cFlhFileTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.4.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cFlhOpTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfStatGlobalFlowInterval (1.3.6.1.4.1.25506.2.40.1.1) | read-write | Yes | Not supported |
| hh3cIfPhysicalNumber (1.3.6.1.4.1.25506.2.40.2.3.1) | read-only | No | As per MIB |

## hh3cIfFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.1

This table is only supported by physical interfaces and serial interfaces created by controller.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfStatFlowInterval (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.1) | read-write | Current | Only support read operation. |
| 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 |

## hh3cIfHCFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.3

This table is only supported by physical interfaces and serial interfaces created by controller.

| Name | 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 of this table is: 1.3.6.1.4.1.25506.2.40.2.2.1

| Name | 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 of this table is: 1.3.6.1.4.1.25506.2.40.2.2.2

| Name | 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 of this table is: 1.3.6.1.4.1.25506.2.40.2.2.3

| Name | 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 |

## hh3cIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.3.2

| Name | 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 |
| hh3cIfDescription (1.3.6.1.4.1.25506.2.40.2.3.2.1.13) | read-write | Current | As per MIB |

# HH3C-IFQOS2-MIB

## hh3cIfQoSLRConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.3.1

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

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 10485760 for Ten-GigabitEthernet. Range from 8 to 41943040 for Forty-GigabitEthernet. The value must be a multiple of 8. |
| hh3cIfQoSLRCbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.3) | read-create | Current | Range from 512 to 134217728. The value must be a multiple of 512. |
| hh3cIfQoSLREbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.4) | read-create | Current | No supported |
| 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 |

## hh3cIfQoSQSModeTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfQoSQSMode (1.3.6.1.4.1.25506.2.65.1.1.1.1.1.1) | read-write | Current | Only support sp(1), wrr(5), hh3cfq(6), byteCountWrr(8) and byteCountWfq(9). |

## hh3cIfQoSQSWeightTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.1.2

The set operation of this table only supports multiple variable bindings.

If the system supports hh3cIfQoSQueueGroupType, variables that must be bound in a set operation include hh3cIfQoSQueueGroupType, or hh3cIfQoSQueueGroupType must not be bound in the set operation.

If the hh3cIfQoSQueueGroupType is group0(1), hh3cIfQoSQSType and hh3cIfQoSQSValue must not be bound in the set operation.

If the hh3cIfQoSQueueGroupType is group1(2) or group2(3), hh3cIfQoSQSType and hh3cIfQoSQSValue must be bound in the set operation.

If the system does not support hh3cIfQoSQueueGroupType, hh3cIfQoSQueueGroupType must not be bound in the set operation. And variables that must be bound in the set operation include hh3cIfQoSQSType and hh3cIfQoSQSValue.

If the hh3cIfQoSQSMinBandwidth is set, the hh3cIfQoSQSMode must be wfq mode.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfQoSQueueID (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.1) | not-accessible | No | Range from 0 to 7. |
| hh3cIfQoSQueueGroupType (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.2) | read-write | Current | Support group0(1), group1(2) and group2(3). |
| hh3cIfQoSQSType (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.3) | read-write | Current | As per MIB |
| hh3cIfQoSQSValue (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.4) | read-write | Current | Range from 1 to 15. |
| hh3cIfQoSQSMaxDelay (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.5) | read-write | Current | Not supported. The value is always 9. |
| hh3cIfQoSQSMinBandwidth (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.6) | read-write | Current | Range from 8 to 10000000 for Ten-GigabitEthernet. Range from 8 to 40000000 for Forty-GigabitEthernet. |

## hh3cIfQoSPortPriorityTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfQoSPortPriorityValue (1.3.6.1.4.1.25506.2.65.1.7.1.1.1.1) | read-write | Current | As per MIB |

## hh3cIfQoSPortPirorityTrustTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfQoSPortPriorityTrustTrustType (1.3.6.1.4.1.25506.2.65.1.7.1.2.1.1) | read-write | Current | Only support untrust(1), dot1p(2) and dscp(3). |
| hh3cIfQoSPortPriorityTrustOvercastType (1.3.6.1.4.1.25506.2.65.1.7.1.2.1.2) | read-write | Current | Only support noOvercast(1). |

## hh3cIfQoSPrePriMapTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.9.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIfQoSPrePriMapTableType (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.1) | not-accessible | Current | Only support dot1pToLp(1), dot1pToDp(2), dscpToDp(6), dscpToDot1p(7), dscpToDscp(9), expToDot1p(12) and dot1pToExp(30). |
| hh3cIfQoSPrePriMapTableColor (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.2) | not-accessible | Current | Only support noColor(1). |
| hh3cIfQoSPrePriMapTableDirection (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.3) | not-accessible | Current | Only support noDirection (1). |
| hh3cIfQoSPrePriMapTableImportValue (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.4) | not-accessible | Current | As per MIB |
| hh3cIfQoSPrePriMapTableExportValue (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.5) | read-write | Current | As per MIB |

# HH3C-IKE-MONITOR-MIB

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

Not support.

## hh3cIKETunnelTable

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.30.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.30.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.30.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.30.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.30.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.2.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cICModuleName (1.3.6.1.4.1.25506.2.119.4.1.1.1) | read-only | No | As per MIB |

## hh3cICLogObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.119.5.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 the index of module name is “default”.

# HH3C-IP-ADDRESS-MIB

## hh3cIpAddrNotifyScalarObjects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.67.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.67.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.67.1.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

Not support.

## hh3cIPsecScalarObjectsV2

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cIPsecMIBVersion (1.3.6.1.4.1.25506.2.126.1.1.1) | read-only | Current | As per MIB |

## hh3cIPsecTunnelV2Table

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.126.1.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.71.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.71.1.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-LAG-MIB

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

## Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.8.25.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cAggResourceAllocationValue (1.3.6.1.4.1.25506.8.25.1.3) | read-only | No | As per MIB |

## hh3cAggLinkTable

OID of this table is: 1.3.6.1.4.1.25506.8.25.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.25.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-LPBKDT-MIB

## hh3cLpbkdtObjects

OID of this table is: 1.3.6.1.4.1.25506.2.95.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLpbkdtVlanID (1.3.6.1.4.1.25506.2.95.2.1) | accessible-for-notify | current | As per MIB |

# HH3C-LSW-DEV-ADM-MIB

## hh3cLswSystemPara group

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| 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 |

## hh3cLswFrameTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.18.4.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | As per MIB |
| hh3cLswSlotDesc (1.3.6.1.4.1.25506.8.35.18.4.3.1.3) | read-write | No | As per MIB |
| 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”. |
| hh3cLswSlotPhyMemory (1.3.6.1.4.1.25506.8.35.18.4.3.1.10) | 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 | As per MIB |
| hh3cLswSlotPktBufInit  (1.3.6.1.4.1.25506.8.35.18.4.3.1.16) | read-only | No | As per MIB |
| hh3cLswSlotPktBufMin  (1.3.6.1.4.1.25506.8.35.18.4.3.1.17) | read-only | No | As per MIB |
| hh3cLswSlotPktBufMiss  (1.3.6.1.4.1.25506.8.35.18.4.3.1.18) | read-only | No | As per MIB |
| hh3cLswSlotSerialNumber  (1.3.6.1.4.1.25506.8.35.18.4.3.1.24) | read-only | No | As per MIB |

## hh3cLswSubslotTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

# HH3C-LswDEVM-MIB

## Scalar objects of hh3cLswdevMMibObject group

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLinkUpDownTrapEnable (1.3.6.1.4.1.25506.8.35.9.1.9) | read-write | No | Not supported |
| hh3cdot1qTpFdbLearnStatus (1.3.6.1.4.1.25506.8.35.9.1.10) | read-write | Current | As per MIB |
| hh3cCfmWriteFlash (1.3.6.1.4.1.25506.8.35.9.1.11) | write-only | No | Not supported |
| hh3cCfmEraseFlash (1.3.6.1.4.1.25506.8.35.9.1.12) | write-only | No | Not supported |

## hh3cdevMFanStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1.1) | read-only | No | This object is used to identify uniquely fans in device. |
| hh3cDevMFanStatus (1.3.6.1.4.1.25506.8.35.9.1.1.1.2) | read-only | No | As per MIB |

## hh3cdevMPowerStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1) | read-only | No | This object is used to identify uniquely powers in device or fabric. |
| hh3cDevMPowerStatus (1.3.6.1.4.1.25506.8.35.9.1.2.1.2) | read-only | No | As per MIB |

## hh3cdevMSlotEnvironmentTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cdevMSlotEnvironmentType (1.3.6.1.4.1.25506.8.35.9.1.3.1.1) | not-accessible | No | As per MIB |
| hh3cDevMSlotEnvironmentStatus (1.3.6.1.4.1.25506.8.35.9.1.3.1.2) | read-only | No | Not supported |
| hh3cDevMSlotEnvironmentValue (1.3.6.1.4.1.25506.8.35.9.1.3.1.3) | read-only | No | As per MIB |
| hh3cDevMSlotEnvironmentUpperLimit (1.3.6.1.4.1.25506.8.35.9.1.3.1.4) | read-write | No | Not supported |
| hh3cDevMSlotEnvironmentLowerLimit (1.3.6.1.4.1.25506.8.35.9.1.3.1.5) | read-write | No | Not supported |

# HH3C-LswINF-MIB

## hh3cifXXTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.1

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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.2

This table is not supported.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cifAggregatePortIndex (1.3.6.1.4.1.25506.8.35.1.2.1.1) | read-only | No | Not supported |
| hh3cifAggregatePortName (1.3.6.1.4.1.25506.8.35.1.2.1.2) | read-write | No | Not supported |
| hh3cifAggregatePortListPorts (1.3.6.1.4.1.25506.8.35.1.2.1.3) | read-write | No | Not supported |
| hh3cifAggregateModel (1.3.6.1.4.1.25506.8.35.1.2.1.4) | read-write | No | Not supported |
| hh3cifAggregateOperStatus (1.3.6.1.4.1.25506.8.35.1.2.1.5) | read-create | No | Not supported |

## hh3cifHybridPortTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

## hh3cifPktBufTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cifPktBufFree (1.3.6.1.4.1.25506.8.35.1.5.1.1) | read-only | No | As per MIB |
| hh3cifPktBufInit (1.3.6.1.4.1.25506.8.35.1.5.1.2) | read-only | No | As per MIB |
| hh3cifPktBufMin (1.3.6.1.4.1.25506.8.35.1.5.1.3) | read-only | No | As per MIB |
| hh3cifPktBufMiss (1.3.6.1.4.1.25506.8.35.1.5.1.4) | read-only | No | As per MIB |

## Scalar objects of hh3cLswL2InfMibObject

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | The value is 4K. |

## hh3cifVLANTrunkStatusTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.5.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 GigabitEthernet interface with fiber-optic connector.  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 range is from 1536 to 10000.  For set operation, value 1 mean enable function(equal to set 10000), value 2 mean undo enable function(equal to set 1536).  Only interface that works at bridge mode and support setting jumbo frame from command line support write operation. |
| 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.  Only s1000 and below can be written to GigabitEthernet interface.  s10000 and below can be written to Ten-GigabitEthernet interfaces, more info please see product manu.  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 | As per MIB |
| 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-write | Current | As per MIB |

## hh3cPortIsolateGroupTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-LswMix-MIB

This MIB is used for switch only.

## Scalar objects of hh3cLswMix group

OID of this table is: 1.3.6.1.4.1.25506.8.35.17

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswLastSwitchDate (1.3.6.1.4.1.25506.8.35.17.1) | read-only | No | As per MIB |
| hh3cLswLastSwitchTime (1.3.6.1.4.1.25506.8.35.17.2) | read-only | No | As per MIB |
| hh3cLswMpuSwitchsNum (1.3.6.1.4.1.25506.8.35.17.3) | read-only | No | As per MIB |
| hh3cLswMpuSwitch (1.3.6.1.4.1.25506.8.35.17.4) | read-write | No | Only support write operation. |

## hh3cLswXSlotTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.17.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cLswMainCardBoardStatus (1.3.6.1.4.1.25506.8.35.17.5.1.1) | read-only | No | As per MIB |

# HH3C-LswMSTP-MIB

This MIB is used for products which support MSTP function.

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.14.18

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.14.19

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.14.20

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

This MIB is used for switch only.

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cVLANMibGarpLeaveAllTime (1.3.6.1.4.1.25506.8.35.2.2.14) | read-write | Current | Not supported |

## hh3cvLANMibSwitchCountTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.2.15

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.35.2.2.16

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cVLANMibHoldTime (1.3.6.1.4.1.25506.8.35.2.2.16.1.1) | read-write | No | Not supported |

## hh3cdot1qVlanMIBTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Value of isolate-user-vlan(4) is not support. |
| 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 | As per MIB |
| 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,  it’s value is always 100, which means “not supported” |
| 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 of this table is: 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,

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 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,

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cifIsolatePrimaryVlanID (1.3.6.1.4.1.25506.8.35.2.1.4.1.1) | read-only | Current | As per MIB |
| hh3cifIsolateSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.4.1.2) | read-write | Current | As per MIB |
| hh3cifIsolateSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.4.1.3) | read-write | Current | As per MIB |

## hh3cVlanInterfaceAddrTable

OID of this table is: 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 createAndgo(4) and destroy(6). |

## hh3cPrivateVlanMappingTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.8

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

hh3cSecondaryVlanlistLow,

hh3cSecondaryVlanlistHigh,

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cPrimaryVlanID (1.3.6.1.4.1.25506.8.35.2.1.8.1.1) | read-only | Current | As per MIB |
| hh3cSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.8.1.2) | read-write | Current | As per MIB |
| hh3cSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.8.1.3) | read-write | Current | As per MIB |

# HH3C-MAC-INFORMATION-MIB

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMACInformationEnabled (1.3.6.1.4.1.25506.2.87.1.1.1) | read-write | Current | As per MIB |
| hh3cMACInformationcSendInterval (1.3.6.1.4.1.25506.2.87.1.1.2) | read-write | Current | As per MIB |
| hh3cMACInformationLearntMACNum (1.3.6.1.4.1.25506.2.87.1.1.3) | read-only | No | As per MIB |
| hh3cMACInformationRemovedMACNum (1.3.6.1.4.1.25506.2.87.1.1.4) | read-only | No | As per MIB |
| hh3cMACInformationTrapSendNum (1.3.6.1.4.1.25506.2.87.1.1.5) | read-only | No | As per MIB |
| hh3cMACInformationSyslogSendNum (1.3.6.1.4.1.25506.2.87.1.1.6) | read-only | No | As per MIB |
| hh3cMACInformationCacheLen (1.3.6.1.4.1.25506.2.87.1.1.7) | read- write | Current | As per MIB |
| hh3cMACInfomationWorkMode (1.3.6.1.4.1.25506.2.87.1.1.8) | read-write | Current | As per MIB |

## hh3cMACInfomationIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.87.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMACLearntEnable (1.3.6.1.4.1.25506.2.87.1.2.1.1.1) | read- write | Current | As per MIB |
| hh3cMACRemovedEnable (1.3.6.1.4.1.25506.2.87.1.2.1.1.2) | read- write | Current | As per MIB |

## scalar objects for notify

When the cached number of MAC address information has reached the value specified by hh3cMACInformationCacheLen but the amount of time elapsed since the previous notification is not greater than the interval value specified by hh3cMACInformationcSendInterval, the device overwrites the last piece of information written into the cache queue with the new MAC address change. The trap is generated and sent to the remote monitoring device when the amount of time elapsed since the previous notification is greater than the interval value specified by hh3cMACInformationcSendInterval and at least one cached MAC address information learnt or removed.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMACInfoTrapVerExt (1.3.6.1.4.1.25506.2.87.1.4.2.1) | accessible-for-notify | No | As per MIB |
| hh3cMACInfoTrapIndexExt (1.3.6.1.4.1.25506.2.87.1.4.2.2) | accessible-for-notify | No | As per MIB |
| hh3cMACInfoTrapCountExt (1.3.6.1.4.1.25506.2.87.1.4.2.3) | accessible-for-notify | No | As per MIB |
| hh3cMACInfoTrapMsgExt (1.3.6.1.4.1.25506.2.87.1.4.2.4) | accessible-for-notify | No | As per MIB |

# HH3C-MIRRORGROUP-MIB

## hh3cMGTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGID (1.3.6.1.4.1.25506.2.68.1.1.1.1.1) | not-accessible | Current | Range from 1 to 4. |
| hh3cMGType (1.3.6.1.4.1.25506.2.68.1.1.1.1.2) | read-create | Current | As per MIB |
| hh3cMGStatus (1.3.6.1.4.1.25506.2.68.1.1.1.1.3) | read-only | Current | As per MIB |
| hh3cMGRowStatus (1.3.6.1.4.1.25506.2.68.1.1.1.1.4) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cMGMirrorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGMirrorIfIndex (1.3.6.1.4.1.25506.2.68.1.2.1.1.1) | not-accessible | Current | As per MIB |
| hh3cMGMirrorDirection (1.3.6.1.4.1.25506.2.68.1.2.1.1.2) | not-accessible | Current | As per MIB |
| hh3cMGMirrorRowStatus (1.3.6.1.4.1.25506.2.68.1.2.1.1.3) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cMGMonitorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.3.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGMonitorIfIndex (1.3.6.1.4.1.25506.2.68.1.3.1.1.1) | not-accessible | Current | As per MIB |
| hh3cMGMonitorRowStatus (1.3.6.1.4.1.25506.2.68.1.3.1.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cMGReflectorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.4.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGReflectorIfIndex (1.3.6.1.4.1.25506.2.68.1.4.1.1.1) | not-accessible | Current | As per MIB |
| hh3cMGReflectorRowStatus (1.3.6.1.4.1.25506.2.68.1.4.1.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cMGRprobeVlanTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.5.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGRprobeVlanID (1.3.6.1.4.1.25506.2.68.1.5.1.1.1) | not-accessible | Current | As per MIB |
| hh3cMGRprobeVlanRowStatus (1.3.6.1.4.1.25506.2.68.1.5.1.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

## hh3cMGEgressIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.6.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cMGEgressIfIndex (1.3.6.1.4.1.25506.2.68.1.6.1.1.1) | not-accessible | Current | As per MIB |
| hh3cMGEgressRowStatus (1.3.6.1.4.1.25506.2.68.1.6.1.1.2) | read-create | Current | Only support active(1), createAndGo(4) and destroy(6). |

# HH3C-NQA-MIB

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

## Scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.2

1. The parameter which is not supported by the corresponding pingCtlType cannot be configured.
2. Once the configuration is modified, the result, histories, and statistics of the corresponding entry will be cleared.
3. The results, histories and statistics must be the factual reflection of the test results of current configurations.
4. Users will be puzzled when they get the results which caused by the previous configurations.
5. If the parameter which is not supported by the corresponding pingCtlType is read, the result is invalid.
6. 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 |
| 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 |

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | When doing UDP-jitter test,the range is from 10 to 1000,and the default value is 10,  When doing voice test, the range is from 10 to 60000, and the default value is 1000.  Only voice test and UDP-jitter test is supported ,the default vaule of other test is 10 |
| 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 | Not supported |
| hh3cNqaCtlHistoryEnable (1.3.6.1.4.1.25506.8.3.1.2.1.14) | read-create | Current | Not supported |
| 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.  If the corresponding pingCtlType is hh3cNqajitter and this object is set to notDefined, it is JITTER test.  If the corresponding pingCtlType is hh3cNqajitter and this object is set to g711Alaw, g711Ulaw or g729A, it is VOICE test.  If the value of this object is changed from g711Alaw, g711Ulaw or g729A to notDefined, the entry of voice type will be deleted and the entry of udp-jitter type will be created with default configuration. If the value of this object is changed from notDefined to g711Alaw, g711Ulaw or g729A, the entry of udp-jitter type will be deleted and the entry of voice type will be created with the corresponding codec-type configuration.  The current supported value is notDefined, g711Alaw, g711Ulaw and g729A. |

## hh3cNqaResultsTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

## hh3cNqaTcpServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.6

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.7

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.10

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.11

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.12

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

## hh3cNqaReactionTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.13

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 | Ranges from 1 to 14999 when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is UDP-jitter.  Ranges from 1 to 59999 when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is Voice.  Ranges from 1 to 15000 when the value of hh3cNqaReactCheckedElement is "jitterpacketloss" or "jitterrtt" and the test type is UDP-jitter.  Ranges from 1 to 60000 when 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", "triggerOnly" or "trapAndTrigger" 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 of this table is: 1.3.6.1.4.1.25506.8.3.1.14

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |

# HH3C-NTP-MIB

## hh3cNTPSystemMIBObjects

OID of this table is: 1.3.6.1.4.1.25506.8.22.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 is a selector identifying the current synchronization source. If the stratum of peers is greater than 1, it indicates the integer value of the IP address of the clock source of the reference clock. Otherwise, it indicates the integer value of the clock type string of the clock source of the reference clock. The special value 0 indicates  There is no currently valid synchronization source. |
| 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 |

## hh3cNTPPeerTable

OID of this table is: 1.3.6.1.4.1.25506.8.22.2.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-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 of this table is: 1.3.6.1.4.1.25506.2.125.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-SSH-MIB

## Scalar objectes

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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). |

## hh3cSSHUserConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.22.1.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.22.1.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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  200-2000(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  ringConn: ring connection |

## hh3cStackDeviceConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.91.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.91.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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. |

## hh3cStackPhyPortInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.5

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-STORM-CONSTRAIN-MIB

## scalar objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cStormTrapType (1.3.6.1.4.1.25506.2.66.1.1) | accessible-for-notify | No | As per MIB |
| hh3cStormTrapThreshold (1.3.6.1.4.1.25506.2.66.1.2) | accessible-for-notify | No | As per MIB |

## hh3cStormCtrlTable

OID of this table is: 1.3.6.1.4.1.25506.2.66.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cStormCtrlPortStatus (1.3.6.1.4.1.25506.2.66.2.1.1.1) | read-only | No | As per MIB |
| hh3cStormCtrlBroadcastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.2) | read-create | Current | The objects hh3cStormCtrlBroadcastUnit. hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together.  ‘bytePerSecond’ and ‘none’ is not supported by set operation |
| hh3cStormCtrlBroadcastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.3) | read-create | Current | The objects hh3cStormCtrlBroadcastUnit, hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together. If the value is zero, means the configuration is useless |
| hh3cStormCtrlBroadcastLower (1.3.6.1.4.1.25506.2.66.2.1.1.4) | read-create | Current | The objects hh3cStormCtrlBroadcastUnit, hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together. And the value must be lower the value of hh3cStormCtrlBroadcastUpper. If the value is zero, means the configuration is useless |
| hh3cStormCtrlMulticastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.5) | read-create | Current | The objects hh3cStormCtrlMulticastUnit, hh3cStormCtrlMulticastUpper and hh3cStormCtrlMulticastLower must be set together.  ‘bytePerSecond’ and ‘none’ is not supported by set operation |
| hh3cStormCtrlMulticastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.6) | read-create | Current | The objects hh3cStormCtrlMulticastUnit hh3cStormCtrlMulticastUpper hh3cStormCtrlMulticastLower must be set together. If the value is zero, means the configuration is useless |
| hh3cStormCtrlMulticastLower (1.3.6.1.4.1.25506.2.66.2.1.1.7) | read-create | Current | The objects hh3cStormCtrlMulticastUnit, hh3cStormCtrlMulticastUpper and hh3cStormCtrlMulticastLowe must be set together. And the value must be lower the value of hh3cStormCtrlMulticastUpper. If the value is zero, means the configuration is useless |
| hh3cStormCtrlUnicastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.8) | read-create | Current | The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together.  ‘bytePerSecond’ and ‘none’ is not supported by set operation |
| hh3cStormCtrlUnicastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.9) | read-create | Current | The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together. If the value is zero, means the configuration is useless |
| hh3cStormCtrlUnicastLower (1.3.6.1.4.1.25506.2.66.2.1.1.10) | read-create | Current | The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together. And the value must be lower the value of hh3cStormCtrlUnicastUpper. If the value is zero, means the configuration is useless |
| hh3cStormCtrlRowStatus (1.3.6.1.4.1.25506.2.66.2.1.1.11) | read-create | Current | Only support active createAndgo and destroy. |
| hh3cStormCtrlPortMode (1.3.6.1.4.1.25506.2.66.2.1.1.12) | read-create | Current | As per MIB |

# 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.

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cSysLocalClock (1.3.6.1.4.1.25506.2.3.1.1.1) | read-write | Yes | As per MIB |
| hh3cSysLocalClockString (1.3.6.1.4.1.25506.2.3.1.1.3) | read-write | Yes | 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.2.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.3.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.5.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.6.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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.

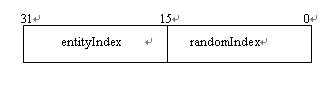
It assumes that the source Bootrom file already exists in the file system of the device before doing operation. On system startup, this table is empty.

* 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:/lsws5x308689\_v1.01.btw” 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:/ lsws5x308689\_v1.01.btw”

hh3cSysBtmFileType.131073 = ‘main’

hh3cSysBtmRowStatus.131073 = ‘createAndGo’

## hh3cSysPackageTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.7.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.7.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.8

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.8.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.3.1.8.4

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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-TRANSCEIVER-INFO-MIB

## hh3cTransceiverInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.70.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |
| 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 |
| 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 |

# HH3C-TRAP-MIB

## hh3cTrapDesInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.38.1.7.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 of this table is: 1.3.6.1.4.1.25506.2.38.1.8.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cTrapConfigIndex (1.3.6.1.4.1.25506.2.38.1.8.1.1.1) | not-accessible | No | As per MIB |
| hh3cTrapConfigName (1.3.6.1.4.1.25506.2.38.1.8.1.1.2) | read-only | No | As per MIB |
| hh3cTrapConfigDescr (1.3.6.1.4.1.25506.2.38.1.8.1.1.3) | read-write | No | As per MIB |
| hh3cTrapConfigSwitch(1.3.6.1.4.1.25506.2.38.1.8.1.1.4) | read-write | No | As per MIB |

# HH3C-TRNG2-MIB

This MIB is used to manage time-range.

When creating an absolute time-range, configure hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngAbsoluteNameIndex to create hh3cTrngAbsoluteTable.

When creating a periodic time-range, configure hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngPeriodicNameIndex to create hh3cTrngPeriodicTable.

If hh3cTrngCreateTimerangeTable is configured, hh3cTrngAbsoluteTable and hh3cTrngPeriodicTable are not configured, time-range does not actually exist, and the configuration of hh3cTrngCreateTimerangeTable may be lost after saving and rebooting, The configuration of hh3cTrngCreatTimerangeTable does not support the configuration replace operation.

## hh3cTrngCreateTimerangeTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.1

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cTrngIndex (1.3.6.1.4.1.25506.8.13.1.1.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTrngName (1.3.6.1.4.1.25506.8.13.1.1.1.2) | read-create | Current | As per MIB |
| hh3cTrngValidFlag (1.3.6.1.4.1.25506.8.13.1.1.1.3) | read-only | Current | As per MIB |
| hh3cTrngCreateRowStatus (1.3.6.1.4.1.25506.8.13.1.1.1.4) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

## hh3cTrngAbsoluteTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.2

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cTrngAbsoluteNameIndex (1.3.6.1.4.1.25506.8.13.1.2.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTrngAbsoluteSubIndex (1.3.6.1.4.1.25506.8.13.1.2.1.2) | not-accessible | No | Range from 1 to 12. |
| hh3cTimerangeAbsoluteStartTime (1.3.6.1.4.1.25506.8.13.1.2.1.3) | read-create | Current | As per MIB |
| hh3cTimerangeAbsoluteEndTime (1.3.6.1.4.1.25506.8.13.1.2.1.4) | read-create | Current | As per MIB |
| hh3cTimerangeAbsolueRowStatus (1.3.6.1.4.1.25506.8.13.1.2.1.5) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

## hh3cTrngPeriodicTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.3

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| hh3cTrngPeriodicNameIndex (1.3.6.1.4.1.25506.8.13.1.3.1.1) | not-accessible | No | Range from 1 to 1024. |
| hh3cTrngPeriodicSubIndex (1.3.6.1.4.1.25506.8.13.1.3.1.2) | not-accessible | No | Range from 1 to 32. |
| hh3cTrngPeriodicDayOfWeek (1.3.6.1.4.1.25506.8.13.1.3.1.3) | read-create | Current | As per MIB |
| hh3cTimerangePeriodicStartTime (1.3.6.1.4.1.25506.8.13.1.3.1.4) | read-create | Current | As per MIB |
| hh3cTimerangePeriodicEndTime (1.3.6.1.4.1.25506.8.13.1.3.1.5) | read-create | Current | As per MIB |
| hh3cTimerangePeriodicRowStatus (1.3.6.1.4.1.25506.8.13.1.3.1.6) | read-create | Current | Only support active(1), createAndGo(4), and destroy(6) |

# HH3C-UI-MAN-MIB

This MIB is used to manage user interfaces.

## Scalar Objects

| Name | Access | PDS | Description |
| --- | --- | --- | --- |
| 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 |