



**Hewlett Packard**  
Enterprise

# HPE 5140EI Comware 7 MIB Companion

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# Revision History

Revision	Date	Author	Reason for Change
1.0	2022-08-20	chaopeng	First Draft, based on S5130S MIB Companion

# 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.

**Table 1 Table field description**

Item	Description
Object (OID)	Object name and its OID.
Access	ACCESS or MAX-ACCESS value as defined in MIBs.
PDS	<p>Permanent data storage. This field describes whether the value in a MIB object can survive a reboot.</p> <p>PDS status:</p> <ul style="list-style-type: none"> <li>• <b>Yes</b>—The value set in the MIB object is automatically saved and can survive a reboot.</li> <li>• <b>No</b>—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.</li> <li>• <b>Current</b>—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.</li> </ul>
Comments	<p>Comments on the object, such as a value range.</p> <p>Typical comments:</p> <ul style="list-style-type: none"> <li>• <b>As per MIB</b>—The object is implemented in full compliance with the MIB.</li> <li>• <b>Not supported</b>— The object is accessible but it is not supported or tested. To avoid unknown issues, do not use such MIB objects.</li> </ul>

## List of public MIBs

Module Name	File Name	comments	MIB Version
BGP4-MIB	rfc4273-bgp4.mib	Not supported	RFC4273
BRIDGE-MIB	rfc1493-bridge.mib	Not supported	RFC1493
DISMAN-EVENT-MIB	rfc2981-disman-event.mib	Not supported	RFC2981
DISMAN-PING-MIB	rfc2925-disman-ping.mib		RFC2925
DISMAN-TRACEROUTE-MIB	rfc4560-disman-traceroute.mib		RFC4560
DOT3-OAM-MIB	rfc4878-dot3-oam.mib		RFC4878
ENTITY-MIB	rfc4133-entity.mib		RFC4133
EtherLike-MIB	rfc3635-EtherLike.mib		RFC3635
IEEE8021-CFM-MIB	ieee8021-cfm.mib		IEEEP802.1ag
IEEE8021-CFM-V2-MIB	ieee8021-cfm-v2.mib		IEEE802.1Q
IEEE8021-CN-MIB	ieee8021-cn.mib		IEEE P802.1Q
IEEE8021-PAE-MIB	ieee8021-pae.mib		
IEEE8021X-PAE-MIB	ieee8021x-pae.mib		
IEEE8023-LAG-MIB	ieee8023-lag.mib		IEEE8023
IF-MIB	rfc2863-if.mib		RFC2863
IGMP-STD-MIB	rfc2933-igmp-std.mib		RFC2933
IP-MIB	rfc4293-ip.mib		RFC4293
IP-FORWARD-MIB	rfc4292-ip-forward.mib		RFC4292

IPMCAST-MIB	rfc5132-ipmcast.mib	Not supported	RFC5132
IPV6-MIB	rfc2465-ipv6.mib		RFC2465
IPV6-MLD-MIB	rfc3019-ipv6-mld.mib		RFC3019
IPV6-ICMP-MIB	rfc2466-ipv6-icmp.mib		RFC2466
IPV6-TCP-MIB	rfc2452-ipv6-tcp.mib		RFC2452
IPV6-UDP-MIB	rfc2454-ipv6-udp.mib		RFC2454
ISIS-MIB	rfc4444-isis.mib	Not supported	RFC4444
LLDP-EXT-DOT1-EVB-EXTENSIONS-MIB	lldp-ext-dot1-evb-extensions.mib		IEEEStd 802.1Qbg-d2.2
LLDP-EXT-DOT1-MIB	lldp-ext-dot1.mib		IEEE 802.1AB-2005
LLDP-EXT-DOT1-V2-MIB	lldp-ext-dot1-v2.mib		IEEE 802.1AB-2009
LLDP-EXT-DOT3-MIB	lldp-ext-dot3.mib		IEEE 802.1AB-2005
LLDP-EXT-DOT3-V2-MIB	lldp-ext-dot3-v2.mib		IEEE 802.1AB-2009
LLDP-EXT-MED-MIB	lldp-ext-med.mib		TIA-1057-2006
LLDP-MIB	lldp.mib		IEEE 802.1AB-2005
LLDP-V2-MIB	lldp-v2.mib		IEEE 802.1AB-2009
MAU-MIB	rfc4836-mau.mib		RFC4836
MGMD-STD-MIB	rfc5519-mgmd-std.mib	Not supported	RFC5519
MPLS-FRR-FACILITY-STD-MIB	rfc6445-mpls-frr-facility-std.mib	Not supported	RFC6445
MPLS-FRR-GENERAL-STD-MIB	rfc6445-mpls-frr-general-std.mib	Not supported	RFC6445
MPLS-FTN-STD-MIB	rfc3814-mpls-ftn-std.mib	Not supported	RFC3814
MPLS-L3VPN-STD-MIB	rfc4382-mpls-l3vpn-std.mib	Not supported	RFC4382
MPLS-LDP-STD-MIB	rfc3815-mpls-ldp-std.mib	Not supported	RFC3815
MPLS-LSR-STD-MIB	rfc3813-mpls-lsr-std.mib	Not supported	RFC3813
MPLS-TE-STD-MIB	rfc3812-mpls-te-std.mib	Not supported	RFC3812
OSPF-MIB	rfc4750-ospf.mib	Not supported	RFC4750
OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	Not supported	RFC4750
OSPFV3-MIB	rfc5643-ospfv3.mib	Not supported	RFC5643
PIM-BSR-MIB	rfc5240-pim-bsr.mib	Not supported	RFC5240
PIM-STD-MIB	rfc5060-pim-std.mib	Not supported	RFC5060
POWER-ETHERNET-MIB	rfc3621-power-ethernet.mib		RFC3621
PPP-IP-NCP-MIB	rfc1473-ppp-ip.mib	Not supported	RFC1473

PPP-LCP-MIB	rfc1471-ppp-lcp.mib	Not supported	RFC1471
PW-ENET-STD-MIB	rfc5603-pw-enet-std.mib	Not supported	RFC5603
PW-MPLS-STD-MIB	rfc5602-pw-mpls-std.mib	Not supported	RFC5602
PW-STD-MIB	rfc5601-pw-std.mib		RFC5601
Q-BRIDGE-MIB	rfc2674-qbridge.mib		RFC4363
RADIUS-ACC-CLIENT-MIB	rfc2620-radius-acc-client.mib		RFC2620
RADIUS-AUTH-CLIENT-MIB	rfc2618-radius-auth-client.mib		RFC2618
RFC1213-MIB	rfc1213.mib		RFC1213
RIPv2-MIB	rfc1724-rip.mib		RFC1724
RMON-MIB	rfc2819-rmon.mib		RFC2819
RMON2-MIB	rfc4502-rmon.mib		RFC4502
SFLOW-MIB	sflow.mib		sFlow Version 5
SNMP-FRAMEWORK-MIB	rfc2571-snmp-framework.mib		RFC2571
SNMP-MPD-MIB	rfc2572-snmp-mpd.mib		RFC2572
SNMP-NOTIFICATION-MIB	rfc3413-snmp-notification.mib		RFC3413
SNMP-TARGET-MIB	rfc2573-snmp-target.mib		RFC2573
SNMP-USER-BASED-SM-MIB	rfc3414-snmp-usm.mib		RFC3414
SNMP-USM-AES-MIB	rfc3826-snmp-usm-aes.mib		RFC3826
SNMP-VIEW-BASED-ACM-MIB	rfc3415-snmp-vacm.mib		RFC3415
SNMPv2-TM	rfc3417-snmpv2-tm.mib	Not supported	RFC3417
SNMPv2-MIB	rfc3418-snmpv2.mib		RFC3418
SYSLOG-MSG-MIB	rfc5676-syslog-msg.mib		RFC5676
TCP-MIB	rfc4022-tcp.mib		RFC4022
TE-MIB	rfc3970-te.mib		RFC3970
UDP-MIB	rfc4113-udp.mib		RFC4113
VRRP-MIB	rfc2787-vrrp.mib	Not supported	RFC2787

## List of private MIBs

Module Name	File Name	comments	MIB Version
HH3C-8021X-EXT2-MIB	Hh3c-8021x-ext2.mib		
HH3C-ACL-MIB	hh3c-acl.mib		V3.3
HH3C-BFD-STD-MIB	hh3c-bfd-std.mib		V1.1
HH3C-CBQOS2-MIB	hh3c-cbqos2.mib		V1.8

HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib		V2.7
HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib		V2.6
HH3C-DHCP-SNOOP2-MIB	hh3c-dhcp-snoop2.mib		V1.0
HH3C-DHCP4-MIB	hh3c-dhcp4.mib	Not supported	V1.2
HH3C-DLDP2-MIB	hh3c-dldp2.mib		V1.0
HH3C-DNS-MIB	hh3c-dns.mib		V1.0
HH3C-DOMAIN-MIB	hh3c-domain.mib		V1.8
HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib		V2.5
HH3C-ENTRELATION-MIB	hh3c-entrelation.mib		V1.2
HH3C-FLASH-MAN-MIB	hh3c-flash-man.mib		V3.3
HH3C-IF-EXT-MIB	hh3c-if-ext.mib		V1.6
HH3C-IFQOS2-MIB	hh3c-ifqos2.mib		V1.6
HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib		V1.4
HH3C-INFO-CENTER-MIB	hh3c-infocenter.mib		V1.0
HH3C-IP-ADDRESS-MIB	hh3c-ip-address.mib		V1.5
HH3C-IPRAN-DCN-MIB	hh3c-ipran-dcn.mib	Not supported	V1.0
HH3C-IPSEC-MONITOR-V2-MIB	hh3c-ipsec-monitor-v2.mib	Not supported	V1.0
HH3C-IPV6-ADDRESS-MIB	hh3c-ipv6-address.mib		V1.0
HH3C-LAG-MIB	hh3c-lag.mib		V1.7
HH3C-LBV2-MIB	hh3c-lbv2.mib	Not supported	V1.1
HH3C-LICENSE-MIB	hh3c-license.mib		V1.0
HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib		V1.1
HH3C-LSW-DEV-ADM-MIB	hh3c-lsw-dev-adm.mib		V3.66
HH3C-LswDEV-MIB	hh3c-splat-devm.mib		V2.2
HH3C-LswIGSP-MIB	hh3c-splat-igsp.mib		V1.4
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-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-MPLSEXT-MIB	hh3c-mplsext.mib	Not supported	V1.1



HH3C-MPLSTE-MIB	hh3c-mplste.mib	Not supported	V1.0
HH3C-MPM-MIB	hh3c-mpm.mib		V1.2
HH3C-NPV-MIB	hh3c-npv.mib		V1.0
HH3C-NQA-MIB	hh3c-nqa.mib		V1.0
HH3C-NTP-MIB	hh3c-ntp.mib		V1.7
HH3C-NVGRE-MIB	hh3c-nvgre.mib	Not supported	V1.0
HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib		V1.5
HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib		
HH3C-PROTOCOL-VLAN-MIB	hh3c-protocol-vlan.mib		V1.4
HH3C-QINQV2-MIB	hh3c-qinqv2.mib		V1.0
HH3C-QOS-CAPABILITY-MIB	hh3c-qos-capability.mib		V1.2
HH3C-RADIUS-MIB	hh3c-radius.mib		V2.3
HH3C-RMON-EXT2-MIB	hh3c-rmon-ext2.mib		V1.0
HH3C-SNMP-EXT-MIB	hh3c-snmp-ext.mib		V1.5
HH3C-SSH-MIB	hh3c-ssh.mib		V1.3
HH3C-STACK-MIB	hh3c-stack.mib		V1.0
HH3C-STORM-CONSTRAIN-MIB	hh3c-storm-constrain.mib		V1.1
HH3C-SUBNET-VLAN-MIB	hh3c-subnet-vlan.mib		V1.1
HH3C-SYS-MAN-MIB	hh3c-sys-man.mib		V2.4
HH3C-TRANSCIVER-INFO-MIB	hh3c-transceiver-info.mib		V1.4
HH3C-TRAP-MIB	hh3c-trap.mib		V1.5
HH3C-TRNG2-MIB	hh3c-trng2.mib		V1.0
HH3C-TUNNEL-MIB	hh3c-tunnel.mib	Not supported	V1.1
HH3C-UI-MAN-MIB	hh3c-ui-man.mib		V1.6
HH3C-USER-MIB	hh3c-user.mib		V2.6
HH3C-VMAP-MIB	hh3c-vmap.mib		V1.0
HH3C-VOICE-VLAN-MIB	hh3c-voice-vlan.mib		V1.3
HH3C-VSAN-MIB	hh3c-vsan.mib		V1.1
HH3C-VSI-MIB	hh3c-vsi.mib	Not supported	V1.5
HH3C-VXLAN-MIB	hh3c-vxlan.mib	Not supported	V1.0

# Standard notifications

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

Notification	MIB	Description
mplsXCUp (1.3.6.1.2.1.10.166.2.0.1)	MPLS-LSR-STD-MIB	This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the up state from some other state.
mplsXCDown (1.3.6.1.2.1.10.166.2.0.2)	MPLS-LSR-STD-MIB	This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the down state from some other state.
mplsTunnelUp (1.3.6.1.2.1.10.166.3.0.1)	MPLS-TE-STD-MIB	As per MIB
mplsTunnelDown (1.3.6.1.2.1.10.166.3.0.2)	MPLS-TE-STD-MIB	As per MIB
mplsTunnelRerouted (1.3.6.1.2.1.10.166.3.0.3)	MPLS-TE-STD-MIB	As per MIB
mplsTunnelReoptmized (1.3.6.1.2.1.10.166.3.0.4)	MPLS-TE-STD-MIB	As per MIB
mplsLdpInitSessionThresholdExceeded (1.3.6.1.2.1.10.166.4.0.1)	MPLS-LDP-STD-MIB	As per MIB
mplsLdpSessionUp (1.3.6.1.2.1.10.166.4.0.3)	MPLS-LDP-STD-MIB	As per MIB
mplsLdpSessionDown (1.3.6.1.2.1.10.166.4.0.4)	MPLS-LDP-STD-MIB	As per MIB
mplsL3VpnVrfUp (1.3.6.1.2.1.10.166.11.0.1)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnVrfDown (1.3.6.1.2.1.10.166.11.0.2)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnVrfRouteMidThresholdExceeded (1.3.6.1.2.1.10.166.11.0.3)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnVrfNumVrfRouteMaxThreshExceeded (1.3.6.1.2.1.10.166.11.0.4)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnNumVrfSecIlgLbIThrshExcd (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	As per MIB
pwDown(1.3.6.1.2.1.10.246.0.1)	PW-STD-MIB	As per MIB
pwUp(1.3.6.1.2.1.10.246.0.2)	PW-STD-MIB	As per MIB

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pwDeleted(1.3.6.1.2.1.10.24.6.0.3)	PW-STD-MIB	As per MIB
ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1)	OSPF-TRAP-MIB	As per MIB
ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2)	OSPF-TRAP-MIB	As per MIB
ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3)	OSPF-TRAP-MIB	As per MIB
ospfIfConfigError(1.3.6.1.2.1.14.16.2.4)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5)	OSPF-TRAP-MIB	As per MIB
ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7)	OSPF-TRAP-MIB	As per MIB
ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9)	OSPF-TRAP-MIB	As per MIB
ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11)	OSPF-TRAP-MIB	As per MIB
ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12)	OSPF-TRAP-MIB	As per MIB
ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13)	OSPF-TRAP-MIB	As per MIB
ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-TRAP-MIB	As per MIB
ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.15)	OSPF-TRAP-MIB	As per MIB
ospfIfStateChange(1.3.6.1.2.1.14.16.2.16)	OSPF-TRAP-MIB	As per MIB
ospfNssaTranslatorStatusChange(1.3.6.1.2.1.14.16.2.17)	OSPF-TRAP-MIB	As per MIB
ospfRestartStatusChange(1.3.6.1.2.1.14.16.2.18)	OSPF-TRAP-MIB	As per MIB
ospfNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.19)	OSPF-TRAP-MIB	As per MIB
ospfVirtNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.20)	OSPF-TRAP-MIB	As per MIB
bgpEstablished(1.3.6.1.2.1.15.7.1)	BGP4-MIB	As per MIB
bgpBackwardTransition	BGP4-MIB	As per MIB

(1.3.6.1.2.1.15.7.2)		
bgpEstablishedNotification (1.3.6.1.2.1.15.0.1)	BGP4-MIB	As per MIB
bgpBackwardTransNotification (1.3.6.1.2.1.15.0.2)	BGP4-MIB	As per MIB
risingAlarm (1.3.6.1.2.1.16.0.1)	RMON-MIB	As per MIB
fallingAlarm (1.3.6.1.2.1.16.0.2)	RMON-MIB	As per MIB
entConfigChange(1.3.6.1.2.1.47.2.0.1)	ENTITY-MIB	As per MIB
ipv6IfStateChange (1.3.6.1.2.1.55.2.0.1)	IPV6-MIB	As per MIB
vrrpTrapNewMaster (1.3.6.1.2.1.68.0.1)	VRRP-MIB	As per MIB
vrrpTrapAuthFailure (1.3.6.1.2.1.68.0.2)	VRRP-MIB	As per MIB
pingProbeFailed (1.3.6.1.2.1.80.0.1)	DISMAN-PING-MIB	As per MIB
pingTestFailed (1.3.6.1.2.1.80.0.2)	DISMAN-PING-MIB	As per MIB
pingTestCompleted (1.3.6.1.2.1.80.0.3)	DISMAN-PING-MIB	As per MIB
traceRoutePathChange (1.3.6.1.2.1.81.0.1)	DISMAN-TRACEROUTE-MIB	As per MIB
traceRouteTestFailed (1.3.6.1.2.1.81.0.2)	DISMAN-TRACEROUTE-MIB	As per MIB
traceRouteTestCompleted (1.3.6.1.2.1.81.0.3)	DISMAN-TRACEROUTE-MIB	As per MIB
mteTriggerFired (1.3.6.1.2.1.88.2.0.1)	DISMAN-EVENT-MIB	As per MIB
mteTriggerRising (1.3.6.1.2.1.88.2.0.2)	DISMAN-EVENT-MIB	As per MIB
mteTriggerFalling (1.3.6.1.2.1.88.2.0.3)	DISMAN-EVENT-MIB	As per MIB
mteTriggerFailure (1.3.6.1.2.1.88.2.0.4)	DISMAN-EVENT-MIB	As per MIB
mteEventSetFailure (1.3.6.1.2.1.88.2.0.5)	DISMAN-EVENT-MIB	As per MIB
syslogMsgNotification(1.3.6.1.2.1.192.0.1)	SYSLOG-MSG-MIB	As per MIB
teTunnelUp (1.3.6.1.2.1.122.0.1)	TE-MIB	As per MIB
teTunnelDown (1.3.6.1.2.1.122.0.2)	TE-MIB	As per MIB
teTunnelChanged (1.3.6.1.2.1.122.0.3)	TE-MIB	As per MIB
isisDatabaseOverload	ISIS-MIB	As per MIB

(1.3.6.1.2.1.138.0.1)		
isisManualAddressDrops (1.3.6.1.2.1.138.0.2)	ISIS-MIB	As per MIB
isisCorruptedLSPDetected(1 .3.6.1.2.1.138.0.3)	ISIS-MIB	As per MIB
isisAttemptToExceedMaxSe quence(1.3.6.1.2.1.138.0.4)	ISIS-MIB	As per MIB
isisDLenMismatch (1.3.6.1.2.1.138.0.5)	ISIS-MIB	As per MIB
isisMaxAreaAddressesMism atch (1.3.6.1.2.1.138.0.6)	ISIS-MIB	As per MIB
isisOwnLSPPurge (1.3.6.1.2.1.138.0.7)	ISIS-MIB	As per MIB
isisSequenceNumberSkip (1.3.6.1.2.1.138.0.8)	ISIS-MIB	As per MIB
isisAuthenticationTypeFailur e (1.3.6.1.2.1.138.0.9)	ISIS-MIB	As per MIB
isisAuthenticationFailure (1.3.6.1.2.1.138.0.10)	ISIS-MIB	As per MIB
isisVersionSkew (1.3.6.1.2.1.138.0.11)	ISIS-MIB	As per MIB
isisAreaMismatch (1.3.6.1.2.1.138.0.12)	ISIS-MIB	As per MIB
isisRejectedAdjacency (1.3.6.1.2.1.138.0.13)	ISIS-MIB	As per MIB
isisLSPTooLargeToPropagat e(1.3.6.1.2.1.138.0.14)	ISIS-MIB	As per MIB
isisOrigLSPBuffSizeMismatc h(1.3.6.1.2.1.138.0.15)	ISIS-MIB	As per MIB
isisProtocolsSupportedMism atch(1.3.6.1.2.1.138.0.16)	ISIS-MIB	As per MIB
isisAdjacencyChange (1.3.6.1.2.1.138.0.17)	ISIS-MIB	As per MIB
isisLSPErrorDetected (1.3.6.1.2.1.138.0.18)	ISIS-MIB	As per MIB
pimNeighborLoss (1.3.6.1.2.1.157.0.1)	PIM-STD-MIB	As per MIB
pimBsrElectedBSRLostElecti on (1.3.6.1.2.1.172.0.1)	PIM-BSR-MIB	As per MIB
pimBsrCandidateBSRWinEle ction (1.3.6.1.2.1.172.0.2)	PIM-BSR-MIB	As per MIB
ospfv3VirtIfStateChange(1.3. 6.1.2.1.191.0.1)	OSPFV3-MIB	As per MIB
ospfv3NbrStateChange(1.3. 6.1.2.1.191.0.2)	OSPFV3-MIB	As per MIB
ospfv3VirtNbrStateChange(1 .3.6.1.2.1.191.0.3)	OSPFV3-MIB	As per MIB

ospfv3IfConfigError(1.3.6.1.2.1.191.0.4)	OSPFV3-MIB	As per MIB
ospfv3VirtIfConfigError(1.3.6.1.2.1.191.0.5)	OSPFV3-MIB	As per MIB
ospfv3IfRxBadPacket(1.3.6.1.2.1.191.0.6)	OSPFV3-MIB	As per MIB
ospfv3VirtIfRxBadPacket(1.3.6.1.2.1.191.0.7)	OSPFV3-MIB	As per MIB
ospfv3LsdbOverflow(1.3.6.1.2.1.191.0.8)	OSPFV3-MIB	As per MIB
ospfv3LsdbApproachingOverflow(1.3.6.1.2.1.191.0.9)	OSPFV3-MIB	As per MIB
ospfv3IfStateChange(1.3.6.1.2.1.191.0.10)	OSPFV3-MIB	As per MIB
ospfv3NssaTranslatorStatusChange(1.3.6.1.2.1.191.0.11)	OSPFV3-MIB	As per MIB
ospfv3RestartStatusChange(1.3.6.1.2.1.191.0.12)	OSPFV3-MIB	As per MIB
ospfv3NbrRestartHelperStatusChange(1.3.6.1.2.1.191.0.13)	OSPFV3-MIB	As per MIB
ospfv3VirtNbrRestartHelperStatusChange(1.3.6.1.2.1.191.0.14)	OSPFV3-MIB	As per MIB
mplsFrrFacilityInitialBackupTunnelInvoked(1.3.6.1.2.1.204.0.1)	MPLS-FRR-FACILITY-STD-MIB	As per MIB
mplsFrrFacilityFinalTunnelRestored(1.3.6.1.2.1.204.0.2)	MPLS-FRR-FACILITY-STD-MIB	As per MIB
coldStart(1.3.6.1.6.3.1.1.5.1)	SNMPv2-MIB	As per MIB
warmStart(1.3.6.1.6.3.1.1.5.2)	SNMPv2-MIB	As per MIB
linkDown(1.3.6.1.6.3.1.1.5.3)	IF-MIB	The varbinds as defined in RFC1573. This will be used for VPN tunnel interfaces as well. In the case of dynamic VPNs (auto-mesh) - the ifIndex in the linkDown trap may no longer exist in the ifTable.
linkUp(1.3.6.1.6.3.1.1.5.4)	IF-MIB	The varbinds as defined in RFC1573. This will be used for VPN tunnel interfaces as well. In the case of dynamic VPNs (auto-mesh) - the ifIndex in the linkUp trap may no longer exist in the ifTable.
authenticationFailure(1.3.6.1.6.3.1.1.5.5)	SNMPv2-MIB	As per MIB

## Private notifications

Trap	MIB	Description
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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	Not supported
hh3cEntityExtVoltageLowThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.2)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtVoltageHighThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.3)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtCpuUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.4)	HH3C-ENTITY-EXT-MIB	The notification is sent every 60 seconds until the CPU usage of the module goes down below the upper limit.
hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5)	HH3C-ENTITY-EXT-MIB	The notification is sent every 60 seconds until the memory usage of the module goes down below the upper limit.
hh3cEntityExtOperEnabled (1.3.6.1.4.1.25506.2.6.2.0.6)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtOperDisabled (1.3.6.1.4.1.25506.2.6.2.0.7)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtCriticalTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.8)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtSFPAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.9)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtSFPAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.10)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtSFPPhony (1.3.6.1.4.1.25506.2.6.2.0.11)	HH3C-ENTITY-EXT-MIB	This module is NOT sold by H3C. H3C therefore shall NOT guarantee the normal function of the device or assume the maintenance responsibility thereof. The notification is generated periodically after a phony module has been found.
hh3cEntityInsert (1.3.6.1.4.1.25506.2.6.2.0.12)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityRemove (1.3.6.1.4.1.25506.2.6.2.0.13)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtForcedPowerOff	HH3C-ENTITY-EXT-MIB	As per MIB

(1.3.6.1.4.1.25506.2.6.2.0.14)		
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
hh3cEntityExtResourceEnoug h(1.3.6.1.4.1.25506.2.6.2.0.19 )	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtTemperatureLo wer (1.3.6.1.4.1.25506.2.6.2.0.20)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtTemperatureTo oUp (1.3.6.1.4.1.25506.2.6.2.0.21)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtTemperatureNo rmal (1.3.6.1.4.1.25506.2.6.2.0.22)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExternalAlarmOccu r (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.
hh3cEntityExternalAlarmReco ver (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.
hh3cEntityExtCpuUsageThres holdRecover (1.3.6.1.4.1.25506.2.6.2.0.25)	HH3C-ENTITY-EXT-MIB	The notification indicates the CPU usage descends the threshold.
hh3cEntityExtMemUsageThre sholdRecover (1.3.6.1.4.1.25506.2.6.2.0.26)	HH3C-ENTITY-EXT-MIB	The notification indicates the memory usage descends the threshold.
hh3cEntityExtCritLowerTemp ThresholdNotification(1.3.6.1. 4.1.25506.2.6.2.0.29)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtTemperatureTo oLow(1.3.6.1.4.1.25506.2.6.2. 0.30)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cAcIRuleMatchCount (1.3.6.1.4.1.25506.2.8.5.0.2)	HH3C-ACL-MIB	As per MIB
hh3cAcIFirstIPv4PktCaptured( 1.3.6.1.4.1.25506.2.8.5.0.3)	HH3C-ACL-MIB	Not supported
hh3cAcIFirstIPv6PktCaptured( 1.3.6.1.4.1.25506.2.8.5.0.4)	HH3C-ACL-MIB	Not supported
hh3cAcIFirstEthernetPktCaptu red(1.3.6.1.4.1.25506.2.8.5.0. 5)	HH3C-ACL-MIB	Not supported
hh3cIKETunnelStart (1.3.6.1.4.1.25506.2.30.1.6.1. 1)	HH3C-IKE-MONITOR-MI B	As per MIB



hh3clKETunnelStop (1.3.6.1.4.1.25506.2.30.1.6.1.2)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKENoSaFailure (1.3.6.1.4.1.25506.2.30.1.6.1.3)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEEncryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.4)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEDecryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.5)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEInvalidProposalFailure (1.3.6.1.4.1.25506.2.30.1.6.1.6)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEAuthFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.7)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEInvalidCookieFailure (1.3.6.1.4.1.25506.2.30.1.6.1.8)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEAttrNotSuppFailure (1.3.6.1.4.1.25506.2.30.1.6.1.9)	HH3C-IKE-MONITOR-MIB	Not supported
hh3clKEUnsportExchTypeFailure (1.3.6.1.4.1.25506.2.30.1.6.1.10)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEInvalidIdFailure (1.3.6.1.4.1.25506.2.30.1.6.1.11)	HH3C-IKE-MONITOR-MIB	The object hh3clKEIdInformation is not supported, will always return empty string.
hh3clKEInvalidProtocolFailure (1.3.6.1.4.1.25506.2.30.1.6.1.12)	HH3C-IKE-MONITOR-MIB	The object hh3clKEProtocolNum is not supported, will always return 0.
hh3clKECertTypeUnsuppFailure (1.3.6.1.4.1.25506.2.30.1.6.1.13)	HH3C-IKE-MONITOR-MIB	Not supported
hh3clKEInvalidCertAuthFailure (1.3.6.1.4.1.25506.2.30.1.6.1.14)	HH3C-IKE-MONITOR-MIB	Not supported
hh3clKEInvalidSignFailure (1.3.6.1.4.1.25506.2.30.1.6.1.15)	HH3C-IKE-MONITOR-MIB	Not supported
hh3clKECertUnavailableFailure (1.3.6.1.4.1.25506.2.30.1.6.1.16)	HH3C-IKE-MONITOR-MIB	The object hh3clKECertInformation is not supported, will always return empty string.
hh3clKEProposalAdd (1.3.6.1.4.1.25506.2.30.1.6.1.17)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3clKEProposalDel (1.3.6.1.4.1.25506.2.30.1.6.1.18)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cRtTabFullTrap (1.3.6.1.4.1.25506.2.38.1.3.5)	HH3C-TRAP-MIB	Send this trap when the routing table is filled. The interval between two traps

1)		generated should be longer than hh3cRtTabTrapInterval.
hh3cPeriodicalTrap (1.3.6.1.4.1.25506.2.38.1.6.3.0.1)	HH3C-TRAP-MIB	Not supported
hh3clpAddressChangeNotify (1.3.6.1.4.1.25506.2.67.2.2.0.1)	HH3C-IP-ADDRESS-MIB	As per MIB
hh3cBfdSessStateUp (1.3.6.1.4.1.25506.2.72.0.3)	HH3C-BFD-STD-MIB	As per MIB
hh3cBfdSessStateDown (1.3.6.1.4.1.25506.2.72.0.4)	HH3C-BFD-STD-MIB	As per MIB
hh3cBfdSessReachLimit (1.3.6.1.4.1.25506.2.72.0.5)	HH3C-BFD-STD-MIB	As per MIB
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
hh3clPsecTunnelStartV2 (1.3.6.1.4.1.25506.2.126.1.9.0.1)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecTunnelStopV2 (1.3.6.1.4.1.25506.2.126.1.9.0.2)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecNoSaFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.3)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecAuthFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.4)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecEncryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.5)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecDecryFailFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.6)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecInvalidSaFailureV2 (1.3.6.1.4.1.25506.2.126.1.9.0.7)	HH3C-IPSEC-MONITOR-V2-MIB	Not supported
hh3clPsecPolicyAddV2 (1.3.6.1.4.1.25506.2.126.1.9.0.8)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecPolicyDelV2 (1.3.6.1.4.1.25506.2.126.1.9.0.9)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecPolicyAttachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.10)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3clPsecPolicyDetachV2 (1.3.6.1.4.1.25506.2.126.1.9.0.11)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB

hh3cLicenseOpCompletion (1.3.6.1.4.1.25506.2.145.3.0.1)	HH3C-LICENSE-MIB	As per MIB
hh3cLicenseActivationFileLost(1.3.6.1.4.1.25506.2.145.3.0.2)	HH3C-LICENSE-MIB	As per MIB
hh3cLicenseActivationFileRestored(1.3.6.1.4.1.25506.2.145.3.0.3)	HH3C-LICENSE-MIB	As per MIB
hh3cLicenseExpired(1.3.6.1.4.1.25506.2.145.3.0.4)	HH3C-LICENSE-MIB	As per MIB
hh3cLicenseExpireWarning (1.3.6.1.4.1.25506.2.145.3.0.5)	HH3C-LICENSE-MIB	As per MIB
hh3cLBv2VSConnsOverloadTrap(1.3.6.1.4.1.25506.2.148.6.0.1)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSConnRecoveryTrap(1.3.6.1.4.1.25506.2.148.6.0.2)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSConnsRateOverloadTrap(1.3.6.1.4.1.25506.2.148.6.0.3)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSConnsRateRecoveryTrap(1.3.6.1.4.1.25506.2.148.6.0.4)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSActiveTrap(1.3.6.1.4.1.25506.2.148.6.0.5)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSIinactiveTrap(1.3.6.1.4.1.25506.2.148.6.0.6)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2RSAAvailableTrap(1.3.6.1.4.1.25506.2.148.6.0.7)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2RSUnavailableTrap (1.3.6.1.4.1.25506.2.148.6.0.8)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2SFActiveTrap(1.3.6.1.4.1.25506.2.148.6.0.9)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2SFIinactiveTrap(1.3.6.1.4.1.25506.2.148.6.0.10)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2ActionInUseSFChangeTrap(1.3.6.1.4.1.25506.2.148.6.0.11)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2VSIInUseSFChangeTrap(1.3.6.1.4.1.25506.2.148.6.0.12)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2RSCConnOverloadTrap(1.3.6.1.4.1.25506.2.148.6.0.13)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2RSCConnRecoveryTrap(1.3.6.1.4.1.25506.2.148.6.0.14)	HH3C-LBV2-MIB	hh3c-lbv2.mib

hh3cLBv2RSConnsRateOverloadTrap(1.3.6.1.4.1.25506.2.148.6.0.15)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cLBv2RSConnsRateRecoveryTrap(1.3.6.1.4.1.25506.2.148.6.0.16)	HH3C-LBV2-MIB	hh3c-lbv2.mib
hh3cIpRanDcnNeOnline(1.3.6.1.4.1.25506.2.152.1.3.0.1)	HH3C-IPRAN-DCN-MIB	As per MIB
hh3cIpRanDcnNeOffline(1.3.6.1.4.1.25506.2.152.1.3.0.2)	HH3C-IPRAN-DCN-MIB	As per MIB
hh3cWriteSuccessTrap(1.3.6.1.4.1.25506.6.8.1)	HH3C-COMMON-SYSTEM-MIB	Not supported
hh3cWriteFailureTrap(1.3.6.1.4.1.25506.6.8.2)	HH3C-COMMON-SYSTEM-MIB	Not supported
hh3cRebootSendTrap(1.3.6.1.4.1.25506.6.8.3)	HH3C-COMMON-SYSTEM-MIB	As per MIB
hh3cSysColdStartTrap(1.3.6.1.4.1.25506.6.8.4)	HH3C-COMMON-SYSTEM-MIB	Not supported
hh3cSysWarmStartTrap(1.3.6.1.4.1.25506.6.8.5)	HH3C-COMMON-SYSTEM-MIB	Not supported
hh3cNqaProbeTimeOverThreshold(1.3.6.1.4.1.25506.8.3.3.1)	HH3C-NQA-MIB	As per MIB
hh3cNqaJitterRTTOverThreshold(1.3.6.1.4.1.25506.8.3.3.2)	HH3C-NQA-MIB	As per MIB
hh3cNqaProbeFailure(1.3.6.1.4.1.25506.8.3.3.3)	HH3C-NQA-MIB	As per MIB
hh3cNqaJitterPacketLoss(1.3.6.1.4.1.25506.8.3.3.4)	HH3C-NQA-MIB	As per MIB
hh3cNqaJitterSDOverThreshold(1.3.6.1.4.1.25506.8.3.3.5)	HH3C-NQA-MIB	As per MIB
hh3cNqaJitterDSOverThreshold(1.3.6.1.4.1.25506.8.3.3.6)	HH3C-NQA-MIB	As per MIB
hh3cNqaCPIFOverThreshold(1.3.6.1.4.1.25506.8.3.3.7)	HH3C-NQA-MIB	As per MIB
hh3cNqaMOSOverThreshold(1.3.6.1.4.1.25506.8.3.3.8)	HH3C-NQA-MIB	As per MIB
hh3cL2vpnPwSwitchPtoB(1.3.6.1.4.1.25506.2.162.0.1)	HH3C-L2VPN-MIB	As per MIB
hh3cL2vpnPwSwitchBtoP(1.3.6.1.4.1.25506.2.162.0.2)	HH3C-L2VPN-MIB	As per MIB

# 1 BRIDGE-MIB

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

## 1.1 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

## 1.2 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
dot1dBasePortDelayExceededDis cards (1.3.6.1.2.1.17.1.4.1.4)	read-only	No	As per MIB
dot1dBasePortMtuExceededDisca rds (1.3.6.1.2.1.17.1.4.1.5)	read-only	No	As per MIB

## 1.3 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
dot1dStpTimeSinceTopologyChan ge (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	read-only	No	As per MIB

(1.3.6.1.2.1.17.2.5)			
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

## 1.4 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
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## 1.5 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.

## 1.6 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

# 2 DISMAN-PING-MIB

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

## 2.1 Scalar objects

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

## 2.2 pingCtlTable

OID of this table is: 1.3.6.1.2.1.80.1.2

1.1 The parameter which is not supported by the corresponding pingCtlType cannot be configured.

1.2 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.

1.3 When creating an entry, if the parameter which is not supported by the corresponding pingCtlType is set, the operation will be failed.

1.4 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.

1.5 pingCtlTargetAddressType and pingCtlTargetAddress must be modified together.

1.6 pingCtlSourceAddressType and pingCtlSourceAddress must be modified together.

1.7 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
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 pingCtlIfIndex
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	read-create	Current	If the value of

(1.3.6.1.2.1.80.1.2.1.4)			<p>pingCtlTargetAddressType is ipv4(1), the value of this object must be ipv4 address.</p> <p>If the value of pingCtlTargetAddressType is dns(16),the value of this object can be host name.</p> <p>If the value of pingCtlTargetAddressType is unknown(0), the value of this object must be zero-length string.</p>
pingCtlDataSize (1.3.6.1.2.1.80.1.2.1.5)	read-create	Current	<p>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.</p> <p>When doing icmp or udp test, the range is from 20 to 8100. When doing JITTER test, the range is from 68 to 8100 and the default value is 100.</p> <p>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.</p>
pingCtlTimeOut (1.3.6.1.2.1.80.1.2.1.6)	read-create	Current	<p>If the value is not times of seconds(set by CLI), the result of reading operation is inaccurate.</p> <p>Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s.</p> <p>If the value exceeds 60s(set by CLI), the result of reading operation is 60s.</p> <p>When doing voice test, default value is 5s,or else the default value is 3s</p>
pingCtlProbeCount (1.3.6.1.2.1.80.1.2.1.7)	read-create	Current	For voice test, the value of this object only can set 1
pingCtlAdminStatus (1.3.6.1.2.1.80.1.2.1.8)	read-create	Current	As per MIB
pingCtlDataFill (1.3.6.1.2.1.80.1.2.1.9)	read-create	Current	The length of this object is from 0 to 200.
pingCtlFrequency (1.3.6.1.2.1.80.1.2.1.10)	read-create	Current	<p>Range from 0 to 604800</p> <p>If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate.</p> <p>Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s.</p> <p>When doing voice test, default value is 60s,or else the default value is 0s.</p> <p>If the value of this object is 0,</p>

			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	As per MIB
pingCtlByPassRouteTable (1.3.6.1.2.1.80.1.2.1.21)	read-create	Current	As per MIB
pingCtlDSField	read-create	Current	As per MIB

(1.3.6.1.2.1.80.1.2.1.22)			
pingCtlRowStatus (1.3.6.1.2.1.80.1.2.1.23)	read-create	No	Only support active(1), createAndgo(4) and destroy(6).

## 2.3 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

## 2.4 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

## 3 DISMAN-TRACEROUTE-MIB

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

### 3.1 Scalar objects

Name	Access	PDS	Description
traceRouteMaxConcurrentRequests (1.3.6.1.2.1.81.1.1)	read-only	Current	It is the same with pingMaxConcurrentRequests.

### 3.2 traceRouteCtlTable

OID of this table is: 1.3.6.1.2.1.81.1.2

- 1.1 When creating a test entry, the default value of traceRouteCtlType is traceRouteUsingUdpProbes. The current traceRouteCtlType only supports traceRouteUsingUdpProbes.

- 1.2 If any of the configurations in traceRouteCtlTable changes, the corresponding results, histories and statistics will be cleared, except the following objects:

traceRouteCtlTrapGeneration

traceRouteCtlDescr

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

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

- 1.3 traceRouteCtlTargetAddressType and traceRouteCtlTargetAddress must be modified together.

- 1.4 traceRouteCtlSourceAddressType and traceRouteCtlSourceAddress must be modified together.

- 1.5 The value of traceRouteCtlOwnerIndex and traceRouteCtlTestName must be different from pingCtlOwnerIndex and pingCtlTestName when creating a new entry.

- 1.6 Any of the configurations in traceRouteCtlTable cannot be changed when the traceRouteCtlAdminStatus is enabled.

Name	Access	PDS	Description
traceRouteCtlOwnerIndex (1.3.6.1.2.1.81.1.2.1.1)	not-accessible	Current	The uppercase letters in this string will be converted to lowercase letters in a setting operation. The value of this object cannot contain hyphens (-) or question marks (?).
traceRouteCtlTestName (1.3.6.1.2.1.81.1.2.1.2)	not-accessible	Current	The uppercase letters in this string will be converted to

			lowercase letters in a setting operation. The value of this object cannot contain hyphens (-) or question marks (?).
traceRouteCtlTargetAddressType (1.3.6.1.2.1.81.1.2.1.3)	read-create	Current	Only supports ipv4(1) and unknown(0).
traceRouteCtlTargetAddress (1.3.6.1.2.1.81.1.2.1.4)	read-create	Current	If the value of traceRouteCtlTargetAddressType is ipv4(1), the value of this object must be an IPv4 address. If the value of traceRouteCtlTargetAddressType is unknown(0), the value of this object must be a zero-length string.
traceRouteCtlByPassRouteTable (1.3.6.1.2.1.81.1.2.1.5)	read-create	Current	As per MIB
traceRouteCtlDataSize (1.3.6.1.2.1.81.1.2.1.6)	read-create	Current	The range is from 20 to 8100. The default value is 100.
traceRouteCtlTimeOut (1.3.6.1.2.1.81.1.2.1.7)	read-create	Current	As per MIB.
traceRouteCtlProbePerHop (1.3.6.1.2.1.81.1.2.1.8)	read-create	Current	As per MIB.
traceRouteCtlPort (1.3.6.1.2.1.81.1.2.1.9)	read-create	Current	As per MIB.
traceRouteCtlMaxTtl (1.3.6.1.2.1.81.1.2.1.10)	read-create	Current	As per MIB.
traceRouteCtlDSField (1.3.6.1.2.1.81.1.2.1.11)	read-create	Current	As per MIB
traceRouteCtlSourceAddressType (1.3.6.1.2.1.81.1.2.1.12)	read-create	Current	Only supports ipv4(1) and unknown(0). Default value is unknown(0).
traceRouteCtlSourceAddress (1.3.6.1.2.1.81.1.2.1.13)	read-create	Current	If the value of traceRouteCtlSourceAddressType is ipv4(1), the value of this object must be an IPv4 address. If the value of traceRouteCtlSourceAddressType is unknown(0), the value of this object must be a zero-length string.
traceRouteCtlIfIndex (1.3.6.1.2.1.81.1.2.1.14)	read-create	Current	As per MIB.
traceRouteCtlMiscOptions (1.3.6.1.2.1.81.1.2.1.15)	read-create	Current	The length of this object is from 0 to 200. The corresponding function is not supported.
traceRouteCtlMaxFailures (1.3.6.1.2.1.81.1.2.1.16)	read-create	Current	As per MIB.
traceRouteCtlDontFragment (1.3.6.1.2.1.81.1.2.1.17)	read-create	Current	As per MIB.



traceRouteCtlInitialTtl (1.3.6.1.2.1.81.1.2.1.18)	read-create	Current	As per MIB.
traceRouteCtlFrequency (1.3.6.1.2.1.81.1.2.1.19)	read-create	Current	Range from 0 to 604800 If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate. Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s. The default value is 0s.
traceRouteCtlStorageType (1.3.6.1.2.1.81.1.2.1.20)	read-create	Current	The corresponding function is not supported.
traceRouteCtlAdminStatus (1.3.6.1.2.1.81.1.2.1.21)	read-create	Current	As per MIB
traceRouteCtlDescr (1.3.6.1.2.1.81.1.2.1.22)	read-create	Current	The length of this object is from 0 to 200. The value cannot start with space.
traceRouteCtlMaxRows (1.3.6.1.2.1.81.1.2.1.23)	read-create	Current	Ranges from 0 to 50.
traceRouteCtlTrapGeneration (1.3.6.1.2.1.81.1.2.1.24)	read-create	Current	As per MIB.
traceRouteCtlCreateHopsEntries( 1.3.6.1.2.1.81.1.2.1.25)	read-create	Current	As per MIB.
traceRouteCtlType (1.3.6.1.2.1.81.1.2.1.26)	read-create	Current	Can not be modified after creation.
traceRouteCtlRowStatus (1.3.6.1.2.1.81.1.2.1.27)	read-create	Current	Only supports active(1), createAndgo(4) and destroy(6).

### 3.3 traceRouteResultsTable

OID of this table is: 1.3.6.1.2.1.81.1.3

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

## 3.4 traceRouteProbeHistoryTable

OID of this table is: 1.3.6.1.2.1.81.1.4

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

## 3.5 traceRouteHopsTable

OID of this table is: 1.3.6.1.2.1.81.1.5

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

## 4 DOT3-OAM-MIB

### 4.1 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)	read-write	Current	As per MIB
dot3OamOperStatus (1.3.6.1.2.1.158.1.1.2)	read-only	No	As per MIB
dot3OamMode (1.3.6.1.2.1.158.1.1.3)	read-write	Current	As per MIB
dot3OamMaxOamPduSize (1.3.6.1.2.1.158.1.1.4)	read-only	No	As per MIB
dot3OamConfigRevision (1.3.6.1.2.1.158.1.1.5)	read-only	No	As per MIB
dot3OamFunctionsSupported (1.3.6.1.2.1.158.1.1.6)	read-only	No	As per MIB

### 4.2 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

### 4.3 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

## 4.4 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
dot3OamErrSymPeriodThresholdL	read-write	Current	Not supported

o (1.3.6.1.2.1.158.1.5.1.4)			
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

## 4.5 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 save 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

## 5 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.

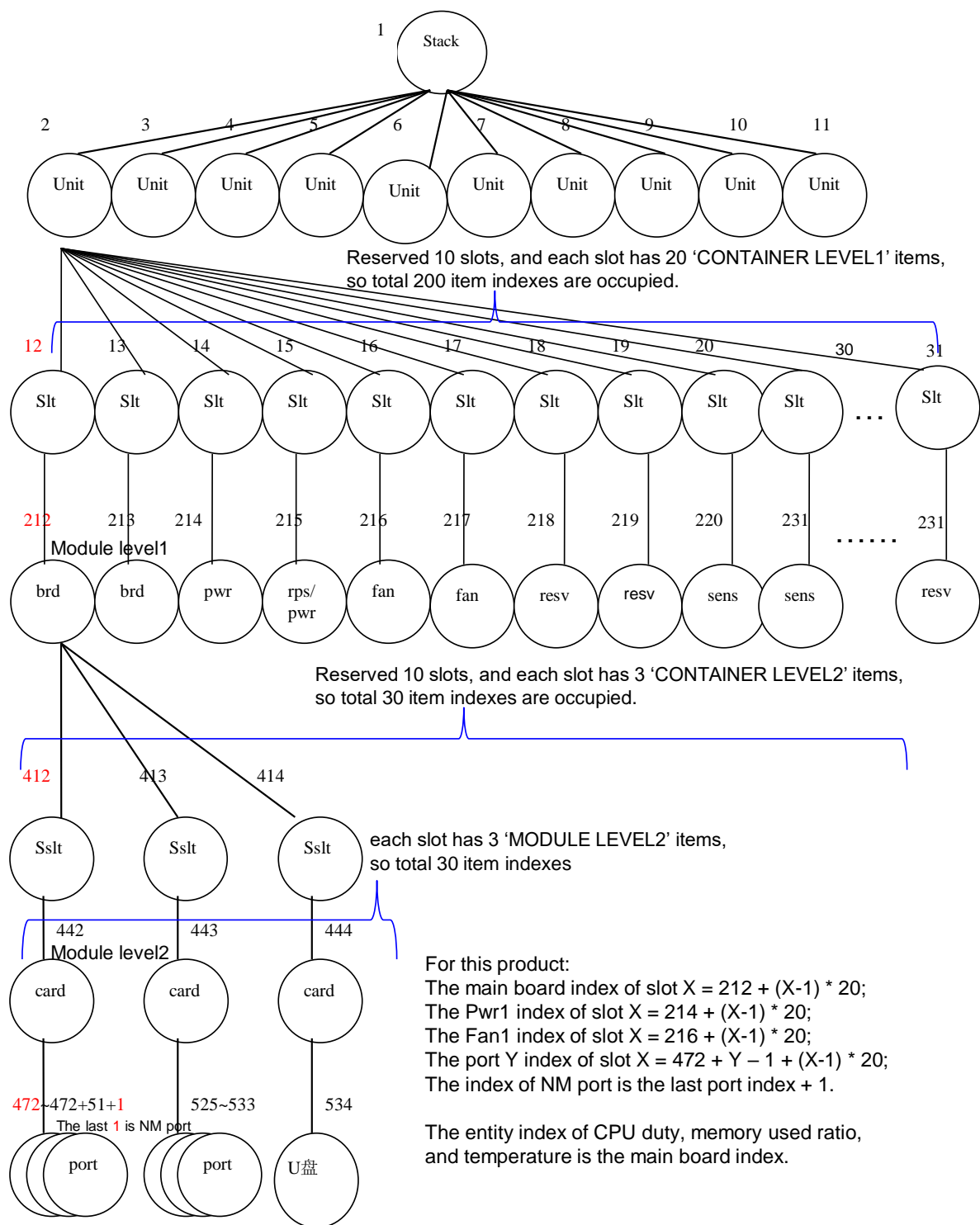
The entityLogical group describes the logical entities managed by a single agent. This group contains a single table to identify logical entities, called the entLogicalTable. The entLogicalTable contains one row per logical entity. Each row is indexed by an arbitrary, small integer and contains a name, 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 is only 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.

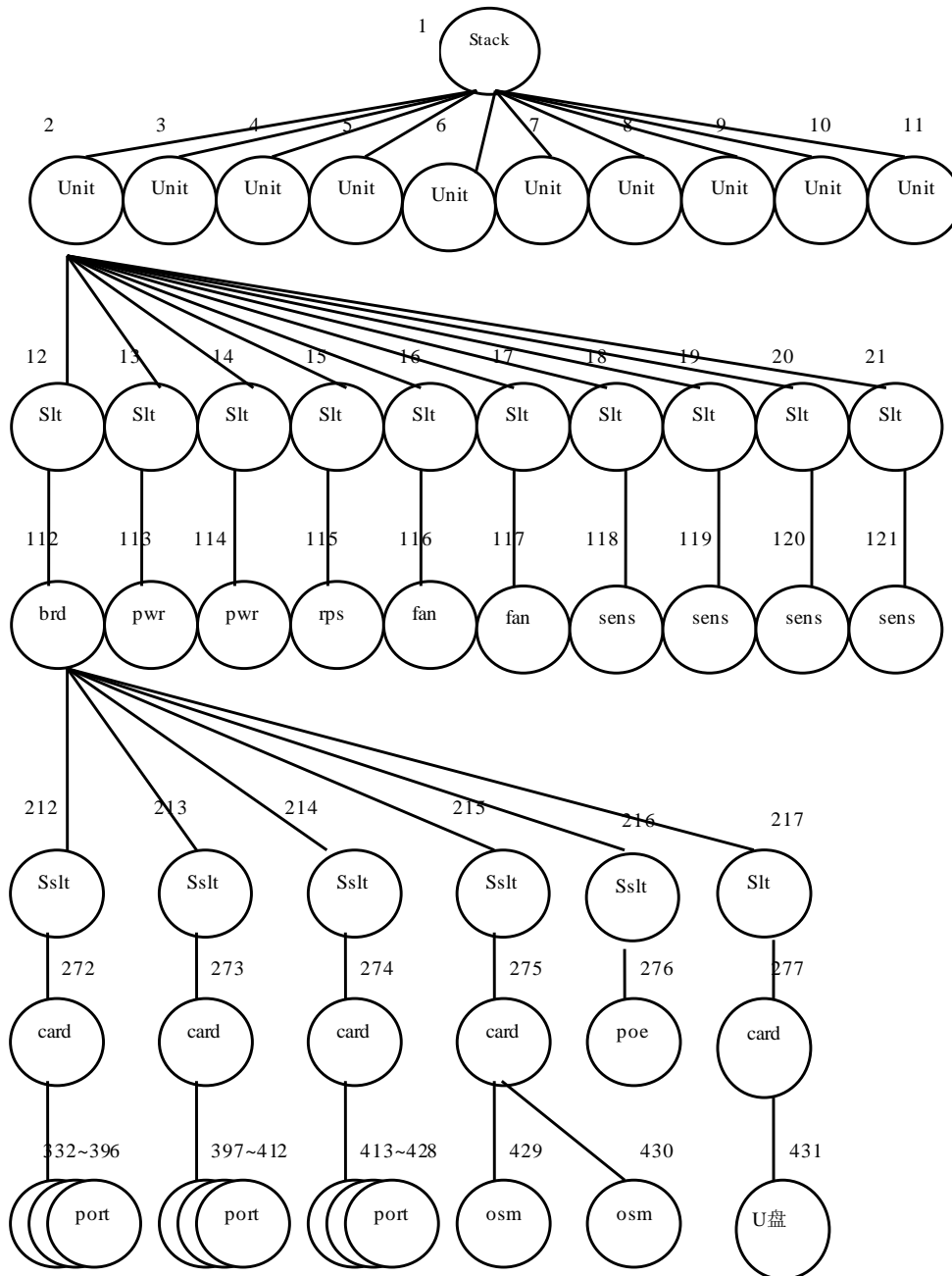
The following table shows the index range of each physical class of each stack in S5130S-EI products. It supports 10 units in a stack at max. To compatible with old products, there are 1 slot, 1~2 PSU, 0~1 RPS, 0~3 Fans and 1~9 Sensors as level 1 containers, and 2 sub slots as level 2 containers in one 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 52, which are 48 fixed ports, 4 fixed SFP+ ports,. It also support 1 out-band management port. Such as the figure and the table shown:



The graph above is the entity index of S5130S series.

The graph below is a sample of entity mib tree.





## 5.1 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)	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	Only support read operation
entPhysicalAssetID (1.3.6.1.2.1.47.1.1.1.1.15)	read-write	No	Only support read operation
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
entPhysicalUri (1.3.6.1.2.1.47.1.1.1.1.18)	read-write	No	Only support read operation

## 5.2 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

## 5.3 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

## 5.4 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

## 5.5 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

## 5.6 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

# 6 EtherLike-MIB

## 6.1 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

## 6.2 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

## 6.3 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

## 6.4 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

## 6.5 dot3HCStatsTable

OID of this table is: 1.3.6.1.2.1.10.7.11

Name	Access	PDS	Description
dot3HCStatsAlignmentErrors (1.3.6.1.2.1.10.7.11.1.1)	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

## 7 IEEE8021-CFM-MIB

### 7.1 Scalar Objects

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

### 7.2 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)

### 7.3 dot1agCfmMaNetTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.1

Name	Access	PDS	Description
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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)

## 7.4 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)

## 7.5 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	read-create	No	Not supported

(1.3.111.2.802.1.1.8.1.7.1.1.8)			
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
dot1agCfmMepTransmitLbmDestLsMepId (1.3.111.2.802.1.1.8.1.7.1.1.29)	read-create	No	Not supported
dot1agCfmMepTransmitLbmMessages	read-create	No	Not supported



(1.3.111.2.802.1.1.8.1.7.1.1.30)			
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

## 8 IEEE8021-CFM-V2-MIB

### 8.1 ieee8021CfmMaCompTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.4

Name	Access	PDS	Description
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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)

## 9 IEEE8021-PAE-MIB

### 9.1 Scalar objects of dot1xPaeSystem Group

OID of this table is: 1.0.8802.1.1.1.1.1

Name	Access	PDS	Description
dot1xPaeSystemAuthControl (1.0.8802.1.1.1.1.1.1)	read-write	Current	As per MIB

### 9.2 dot1xPaePortTable

OID of this table is: 1.0.8802.1.1.1.1.1.2

Name	Access	PDS	Description
dot1xPaePortNumber (1.0.8802.1.1.1.1.1.2.1.1)	not-accessible	Current	As per MIB
dot1xPaePortProtocolVersion (1.0.8802.1.1.1.1.1.2.1.2)	read-only	Current	As per MIB
dot1xPaePortCapabilities (1.0.8802.1.1.1.1.1.2.1.3)	read-only	No	As per MIB
dot1xPaePortInitialize (1.0.8802.1.1.1.1.1.2.1.4)	read-write	No	Not supported
dot1xPaePortReauthenticate (1.0.8802.1.1.1.1.1.2.1.5)	read-write	Current	Setting this attribute TRUE causes the Authenticator PAE state machine for the Port to reauthenticate the Supplicant. Setting this attribute FALSE has no effect. This attribute always returns FALSE when it is read.

## 9.3 dot1xAuthConfigTable

OID of this table is: 1.0.8802.1.1.1.1.2.1

Name	Access	PDS	Description
dot1xAuthPaeState (1.0.8802.1.1.1.1.2.1.1.1)	read-only	No	Not supported. The value is always initialize (1).
dot1xAuthBackendAuthState (1.0.8802.1.1.1.1.2.1.1.2)	read-only	No	Not supported. The value is always initialize (1).
dot1xAuthAdminControlledDirections (1.0.8802.1.1.1.1.2.1.1.3)	read-write	Current	Only support read operation
dot1xAuthOperControlledDirections (1.0.8802.1.1.1.1.2.1.1.4)	read-only	Current	As per MIB
dot1xAuthAuthControlledPortStatus (1.0.8802.1.1.1.1.2.1.1.5)	read-only	No	Only valid on portbased method.
dot1xAuthAuthControlledPortControl (1.0.8802.1.1.1.1.2.1.1.6)	read-write	Current	As per MIB
dot1xAuthQuietPeriod (1.0.8802.1.1.1.1.2.1.1.7)	read-write	No	Only support read operation The value is always 0
dot1xAuthTxPeriod (1.0.8802.1.1.1.1.2.1.1.8)	read-write	No	Only support read operation The value is always 0.
dot1xAuthSuppTimeout (1.0.8802.1.1.1.1.2.1.1.9)	read-write	No	Only support read operation The value is always 0.
dot1xAuthServerTimeout (1.0.8802.1.1.1.1.2.1.1.10)	read-write	No	Only support read operation The value is always 0.
dot1xAuthMaxReq (1.0.8802.1.1.1.1.2.1.1.11)	read-write	No	Only support read operation The value is always 0.
dot1xAuthReAuthPeriod (1.0.8802.1.1.1.1.2.1.1.12)	read-write	Current	The value range is [60-7200]
dot1xAuthReAuthEnabled (1.0.8802.1.1.1.1.2.1.1.13)	read-write	Current	As per MIB
dot1xAuthKeyTxEnabled (1.0.8802.1.1.1.1.2.1.1.14)	read-write	No	Only support read operation

## 9.4 dot1xAuthStatsTable

OID of this table is: 1.0.8802.1.1.1.1.2.2

Name	Access	PDS	Description
dot1xAuthEapolFramesRx (1.0.8802.1.1.1.1.2.2.1.1)	read-only	No	As per MIB
dot1xAuthEapolFramesTx (1.0.8802.1.1.1.1.2.2.1.2)	read-only	No	As per MIB
dot1xAuthEapolStartFramesRx (1.0.8802.1.1.1.1.2.2.1.3)	read-only	No	As per MIB
dot1xAuthEapolLogoffFramesRx (1.0.8802.1.1.1.1.2.2.1.4)	read-only	No	As per MIB

dot1xAuthEapolRespIdFramesRx (1.0.8802.1.1.1.2.2.1.5)	read-only	No	As per MIB
dot1xAuthEapolRespFramesRx (1.0.8802.1.1.1.2.2.1.6)	read-only	No	As per MIB
dot1xAuthEapolReqIdFramesTx (1.0.8802.1.1.1.2.2.1.7)	read-only	No	As per MIB
dot1xAuthEapolReqFramesTx (1.0.8802.1.1.1.2.2.1.8)	read-only	No	As per MIB
dot1xAuthInvalidEapolFramesRx (1.0.8802.1.1.1.2.2.1.9)	read-only	No	As per MIB
dot1xAuthEapLengthErrorFramesRx (1.0.8802.1.1.1.2.2.1.10)	read-only	No	Not supported . The value is always 0.
dot1xAuthLastEapolFrameVersion (1.0.8802.1.1.1.2.2.1.11)	read-only	No	As per MIB
dot1xAuthLastEapolFrameSource (1.0.8802.1.1.1.2.2.1.12)	read-only	No	Not supported. The value is always 00:00:00:00:00:00.

## 9.5 dot1xAuthSessionStatsTable

OID of this table is: 1.0.8802.1.1.1.2.4

This table is not supported.

Name	Access	PDS	Description
dot1xAuthSessionOctetsRx (1.0.8802.1.1.1.2.4.1.1)	read-only	No	As per MIB
dot1xAuthSessionOctetsTx (1.0.8802.1.1.1.2.4.1.2)	read-only	No	As per MIB
dot1xAuthSessionFramesRx (1.0.8802.1.1.1.2.4.1.3)	read-only	No	As per MIB
dot1xAuthSessionFramesTx (1.0.8802.1.1.1.2.4.1.4)	read-only	No	As per MIB
dot1xAuthSessionId (1.0.8802.1.1.1.2.4.1.5)	read-only	No	As per MIB
dot1xAuthSessionAuthenticMethod (1.0.8802.1.1.1.2.4.1.6)	read-only	No	As per MIB
dot1xAuthSessionTime (1.0.8802.1.1.1.2.4.1.7)	read-only	No	As per MIB
dot1xAuthSessionTerminateCause (1.0.8802.1.1.1.2.4.1.8)	read-only	No	As per MIB
dot1xAuthSessionUserName (1.0.8802.1.1.1.2.4.1.9)	read-only	No	As per MIB

# 10 HH3C-8021X-EXT2-MIB

## 10.1 Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.2.153.1.1

Name	Access	PDS	Description
hh3c8021XExt2AuthQuietPeriod (1.3.6.1.4.1.25506.2.153.1.1.1)	read-write	Current	As per MIB
hh3c8021XExt2AuthTxPeriod (1.3.6.1.4.1.25506.2.153.1.1.2)	read-write	Current	As per MIB
hh3c8021XExt2AuthSuppTimeout (1.3.6.1.4.1.25506.2.153.1.1.3)	read-write	Current	As per MIB
hh3c8021XExt2AuthServerTimeout (1.3.6.1.4.1.25506.2.153.1.1.4)	read-write	Current	As per MIB
hh3c8021XExt2AuthMaxReq (1.3.6.1.4.1.25506.2.153.1.1.5)	read-write	Current	As per MIB
hh3c8021XExt2AuthReAuthPeriod (1.3.6.1.4.1.25506.2.153.1.1.6)	read-write	Current	As per MIB
hh3c8021XExt2AuthMethod (1.3.6.1.4.1.25506.2.153.1.1.7)	read-write	Current	As per MIB

## 10.2 hh3c8021XExt2AuthConfigExtTable

OID of this table is: 1.3.6.1.4.1.25506.2.153.1.2.1

Name	Access	PDS	Description
hh3c8021XExt2PaePortAuthAdminStatus (1.3.6.1.4.1.25506.2.153.1.2.1.1.1)	read-write	Current	As per MIB
hh3c8021XExt2PaePortControlledType (1.3.6.1.4.1.25506.2.153.1.2.1.1.2)	read-write	Current	As per MIB
hh3c8021XExt2PaePortMaxUserNum (1.3.6.1.4.1.25506.2.153.1.2.1.1.3)	read-write	Current	As per MIB
hh3c8021XExt2PaePortUserNumNow (1.3.6.1.4.1.25506.2.153.1.2.1.1.4)	read-only	Current	As per MIB
hh3c8021XExt2PaePortClearStatistics (1.3.6.1.4.1.25506.2.153.1.2.1.1.5)	read-write	Current	As per MIB
hh3c8021XExt2PaePortMcastTrigStatus (1.3.6.1.4.1.25506.2.153.1.2.1.1.6)	read-write	Current	As per MIB
hh3c8021XExt2PaePortHandshakeStatus (1.3.6.1.4.1.25506.2.153.1.2.1.1.7)	read-write	Current	As per MIB

# 11 HH3C-PORT-SECURITY-MIB

## 11.1 Scalar Objects

Name	Access	PDS	Description
hh3cSecurePortSecurityControl	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.2.26.1.1.1)			
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	accessible-for-notify	No	As per MIB

## 11.2 hh3cSecureRalmObjects

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.1.4

Name	Access	PDS	Description
hh3cSecureRalmDefaultSessionTime (1.3.6.1.4.1.25506.2.26.1.1.4.1)	read-write	Current	Not Supported
hh3cSecureRalmHoldoffTime (1.3.6.1.4.1.25506.2.26.1.1.4.2)	read-write	Current	As per MIB
hh3cSecureRalmReauthenticate (1.3.6.1.4.1.25506.2.26.1.1.4.3)	read-write	Current	Not Supported
hh3cSecureRalmAuthMode (1.3.6.1.4.1.25506.2.26.1.1.4.4)	read-write	Current	When hh3cSecureRalmAuthMode value is set to papUsernameAsMacAddress(1), hh3cSecureRalmAuthUsername and hh3cSecureRalmAuthPassword are both changed to default values. When hh3cSecureRalmAuthMode value is set to papUsernameFixed(2), hh3cSecureRalmAuthUsername and hh3cSecureRalmAuthPassword keep their values unchanged.
hh3cSecureRalmAuthUsername (1.3.6.1.4.1.25506.2.26.1.1.4.5)	read-write	Current	Length of this value is from 1 to 55. Space and @ must not be included in this value.
hh3cSecureRalmAuthPassword (1.3.6.1.4.1.25506.2.26.1.1.4.6)	read-write	Current	hh3cSecureRalmAuthPassword only supports simple password, and cipher password can not be got or set in MIB. While in CLI, simple password and cipher password are both supported.
hh3cSecureRalmAuthDomain (1.3.6.1.4.1.25506.2.26.1.1.4.7)	read-write	Current	As per MIB
hh3cSecureRalmAuthOfflineTime (1.3.6.1.4.1.25506.2.26.1.1.4.8)	read-write	Current	As per MIB
hh3cSecureRalmAuthServerTimeoutTime (1.3.6.1.4.1.25506.2.26.1.1.4.9)	read-write	Current	Range from 100 to 300.
hh3cSecureMacControl (1.3.6.1.4.1.25506.2.26.1.1.4.10)	read-write	Current	As per MIB

## 11.3 hh3cSecurePortTable

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.2.1

Name	Access	PDS	Description
hh3cSecurePortMode (1.3.6.1.4.1.25506.2.26.1.2.1.1.1)	read-write	Current	The value of continuousLearning will not be supported. When change hh3cSecurePortMode, should set it to noRestrictions first, then continue to change it to the other value.
hh3cSecureNeedToKnowMode (1.3.6.1.4.1.25506.2.26.1.2.1.1.2)	read-write	Current	As per MIB
hh3cSecureIntrusionAction (1.3.6.1.4.1.25506.2.26.1.2.1.1.3)	read-write	Current	The value of allowDefaultAccess will not be supported.
hh3cSecureNumberAddresses (1.3.6.1.4.1.25506.2.26.1.2.1.1.4)	read-write	Current	As per MIB
hh3cSecureNumberAddressesStored (1.3.6.1.4.1.25506.2.26.1.2.1.1.5)	read-only	No	As per MIB
hh3cSecureMaximumAddresses (1.3.6.1.4.1.25506.2.26.1.2.1.1.6)	read-only	No	As per MIB

## 11.4 hh3cSecureAddressTable

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.2.2

Name	Access	PDS	Description
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	accessible-for-notify	Current	Not Supported
hh3cSecureAddrVlanID (1.3.6.1.4.1.25506.2.26.1.2.2.1.2)	not-accessible	Current	Not Supported
hh3cSecureAddrMACStatus (1.3.6.1.4.1.25506.2.26.1.2.2.1.3)	read-create	Current	Not Supported.
hh3cSecureAddrRowStatus (1.3.6.1.4.1.25506.2.26.1.2.2.1.4)	read-create	Current	Not Supported

## 11.5 hh3cSecureOUITable

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.2.3

Name	Access	PDS	Description
hh3cSecureOUIIndex (1.3.6.1.4.1.25506.2.26.1.2.3.1.1)	not-accessible	Current	As per MIB, and the value of the object is restricted within 1 and 16.
hh3cSecureOUI	read-create	Current	As per MIB

(1.3.6.1.4.1.25506.2.26.1.2.3.1.2)			
hh3cSecureOUIRowStatus (1.3.6.1.4.1.25506.2.26.1.2.3.1.3)	read-create	Current	As per MIB

## 11.6 hh3cSecureBindingTable

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.2.4

Name	Access	PDS	Description
hh3cSecureBindingIndex (1.3.6.1.4.1.25506.2.26.1.2.4.1.1)	not-accessible	Current	Not Supported
hh3cSecureBindingPort (1.3.6.1.4.1.25506.2.26.1.2.4.1.2)	read-create	Current	Not Supported
hh3cSecureBindingAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.4.1.3)	read-create	Current	Not Supported
hh3cSecureBindingAddrIp (1.3.6.1.4.1.25506.2.26.1.2.4.1.4)	read-create	Current	Not Supported
hh3cSecureBindingRowStatus (1.3.6.1.4.1.25506.2.26.1.2.4.1.5)	read-create	Current	Not Supported

## 11.7 hh3cSecureAssignTable

OID of this table is: 1.3.6.1.4.1.25506.2.26.1.2.5

Name	Access	PDS	Description
hh3cSecureAssignEnable (1.3.6.1.4.1.25506.2.26.1.2.5.1.1)	read-write	Current	As per MIB
hh3cSecureVlanAssignment (1.3.6.1.4.1.25506.2.26.1.2.5.1.2)	read-only	No	As per MIB

# 12 IEEE8023-LAG-MIB

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

## 12.1 Scalar objects

OID of this table is: 1.2.840.10006.300.43.1

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



## 12.2 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)	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.

## 12.3 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

## 12.4 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

## 12.5 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

## 12.6 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	read-only	No	As per MIB

(1.2.840.10006.300.43.1.2.3.1.6)			
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

## 13 IF-MIB

### 13.1 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	As per MIB
ifStackLastChange (1.3.6.1.2.1.31.1.6)	read-only	No	Not supported

### 13.2 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),

			<p>Ethernet are ethernet-csmacd(6), gigabitEthernet (117)</p> <p>Vlan-interface is 136, etc.</p> <p>Null0 is a internal interface. If the routing entry's next hop is null0 interface, the packet which matchs this entry will be dropped.</p> <p>If the AUX interface is used as a console interface,the ifType for AUX should not be ppp(23) but other(1).</p>
ifMtu (1.3.6.1.2.1.2.2.1.4)	read-only	Current	The size of the largest datagram which can be sent/received by interface in octets. If this port is stack port, the value is invalid.
ifSpeed (1.3.6.1.2.1.2.2.1.5)	read-only	Current	An estimate of the interface's current bandwidth in bits per second.
ifPhysAddress (1.3.6.1.2.1.2.2.1.6)	read-only	Current	<p>MAC address</p> <p>For switch S5130S , the following type of interfaces support mac address:</p> <p>Vlan interface</p> <p>Ethernet port</p> <p>Gigabit Ethernet port</p> <p>10Gigabit Ethernet port</p> <p>Other type of interfaces don't support mac address</p>
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

## 13.3 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
ifHCOctets (1.3.6.1.2.1.31.1.1.1.10)	read-only	No	As per MIB
ifHCOUcastPkts (1.3.6.1.2.1.31.1.1.1.11)	read-only	No	As per MIB
ifHCOMulticastPkts (1.3.6.1.2.1.31.1.1.1.12)	read-only	No	As per MIB
ifHCOBroadcastPkts (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	<p>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.</p> <p>The max length of ifAlias mib supports is 64, while the commandline supports 255. So if the length of ifAlias is larger than 64, only the former 64 letters are legal for MIB.</p> <p>Default for each interface is "xxxx Interface". xxxx is interface name.</p>
ifCounterDiscontinuityTime (1.3.6.1.2.1.31.1.1.1.19)	read-only	No	Not supported

## 13.4 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.

# 14 IP-FORWARD-MIB

## 14.1 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

## 14.2 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

## 14.3 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

## 15 IPV6-MIB

### 15.1 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

## 15.2 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 255 characters. This variable is the same as ifAlias in ifXTable.
ipv6IfLowerLayer (1.3.6.1.2.1.55.1.5.1.3)	read-only	No	Not supported
ipv6IfEffectiveMtu (1.3.6.1.2.1.55.1.5.1.4)	read-only	Current	As per MIB
ipv6IfReasmMaxSize (1.3.6.1.2.1.55.1.5.1.5)	read-only	No	Not supported, the value is always 65535.
ipv6IfIdentifier (1.3.6.1.2.1.55.1.5.1.6)	read-write	No	Only support read operation
ipv6IfIdentifierLength (1.3.6.1.2.1.55.1.5.1.7)	read-write	No	Only support read operation
ipv6IfPhysicalAddress (1.3.6.1.2.1.55.1.5.1.8)	read-only	Current	As per MIB
ipv6IfAdminStatus (1.3.6.1.2.1.55.1.5.1.9)	read-write	Current	Only support read operation
ipv6IfOperStatus (1.3.6.1.2.1.55.1.5.1.10)	read-only	No	As per MIB
ipv6IfLastChange (1.3.6.1.2.1.55.1.5.1.11)	read-only	No	As per MIB

## 15.3 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

## 15.4 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

## 15.5 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

## 15.6 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	read-only	No	As per MIB

(1.3.6.1.2.1.55.1.11.1.8)			
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

## 15.7 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

## 16 IPV6-MLD-MIB

The IPV6-MLD-MIB contains two tables:

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

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

## 16.1 mldInterfaceTable

OID of this table is: 1.3.6.1.2.1.91.1.1

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

## 16.2 mldCacheTable

OID of this table is: 1.3.6.1.2.1.91.1.2

Name	Access	PDS	Description
mldCacheAddress (1.3.6.1.2.1.91.1.2.1.1)	not-accessible	No	As per MIB
mldCacheIfIndex (1.3.6.1.2.1.91.1.2.1.2)	not-accessible	No	As per MIB
mldCacheSelf	read-create	No	Only support read operation, and the default value is false(2)

(1.3.6.1.2.1.91.1.2.1.3)			
mldCacheLastReporter (1.3.6.1.2.1.91.1.2.1.4)	read-only	No	As per MIB
mldCacheUpTime (1.3.6.1.2.1.91.1.2.1.5)	read-only	No	As per MIB
mldCacheExpiryTime (1.3.6.1.2.1.91.1.2.1.6)	read-only	No	As per MIB
mldCacheStatus (1.3.6.1.2.1.91.1.2.1.7)	read-create	Current	Only support read operation

## 17 IPV6-ICMP-MIB

### 17.1 ipv6IflcmpTable

OID of this table is: 1.3.6.1.2.1.56.1.1

Name	Access	PDS	Description
ipv6IflcmpInMsgs (1.3.6.1.2.1.56.1.1.1.1)	read-only	No	As per MIB
ipv6IflcmpInErrors (1.3.6.1.2.1.56.1.1.1.2)	read-only	No	As per MIB
ipv6IflcmpInDestUnreachs (1.3.6.1.2.1.56.1.1.1.3)	read-only	No	As per MIB
ipv6IflcmpInAdminProhibs (1.3.6.1.2.1.56.1.1.1.4)	read-only	No	The value is always 0.
ipv6IflcmpInTimeExcds (1.3.6.1.2.1.56.1.1.1.5)	read-only	No	As per MIB
ipv6IflcmpInParmProblems (1.3.6.1.2.1.56.1.1.1.6)	read-only	No	As per MIB
ipv6IflcmpInPktTooBigs (1.3.6.1.2.1.56.1.1.1.7)	read-only	No	As per MIB
ipv6IflcmpInEchos (1.3.6.1.2.1.56.1.1.1.8)	read-only	No	As per MIB
ipv6IflcmpInEchoReplies (1.3.6.1.2.1.56.1.1.1.9)	read-only	No	As per MIB
ipv6IflcmpInRouterSolicits (1.3.6.1.2.1.56.1.1.1.10)	read-only	No	As per MIB
ipv6IflcmpInRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.11)	read-only	No	As per MIB
ipv6IflcmpInNeighborSolicits (1.3.6.1.2.1.56.1.1.1.12)	read-only	No	As per MIB
ipv6IflcmpInNeighborAdvertiseme nts (1.3.6.1.2.1.56.1.1.1.13)	read-only	No	As per MIB
ipv6IflcmpInRedirects (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.
ipv6IfIcmpOutDestUnreaches (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



# 18 IPV6-TCP MIB

## 18.1 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

# 19 IPV6-UDP MIB

## 19.1 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

# 20 LLDP-MIB

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

## 20.1 Scalar Objects

Name	Access	PDS	Description
lldpMessageTxInterval (1.0.8802.1.1.2.1.1.1)	read-write	Current	As per MIB

IldpMessageTxHoldMultiplier (1.0.8802.1.1.2.1.1.2)	read-write	Current	As per MIB
IldpReinitDelay (1.0.8802.1.1.2.1.1.3)	read-write	Current	As per MIB
IldpTxDelay (1.0.8802.1.1.2.1.1.4)	read-only	No	Not supported. The value is always 2.
IldpNotificationInterval (1.0.8802.1.1.2.1.1.5)	read-write	Current	The default value is 30.
IldpStatsRemTablesLastChangeTime (1.0.8802.1.1.2.1.2.1)	read-only	No	As per MIB
IldpStatsRemTablesInserts (1.0.8802.1.1.2.1.2.2)	read-only	No	As per MIB
IldpStatsRemTablesDeletes (1.0.8802.1.1.2.1.2.3)	read-only	No	As per MIB
IldpStatsRemTablesDrops (1.0.8802.1.1.2.1.2.4)	read-only	No	As per MIB
IldpStatsRemTablesAgeouts (1.0.8802.1.1.2.1.2.5)	read-only	No	As per MIB
IldpLocChassisIdSubtype (1.0.8802.1.1.2.1.3.1)	read-only	Current	As per MIB
IldpLocChassisId (1.0.8802.1.1.2.1.3.2)	read-only	Current	As per MIB
IldpLocSysName (1.0.8802.1.1.2.1.3.3)	read-only	Current	As per MIB
IldpLocSysDesc (1.0.8802.1.1.2.1.3.4)	read-only	Current	As per MIB
IldpLocSysCapSupported (1.0.8802.1.1.2.1.3.5)	read-only	Current	As per MIB
IldpLocSysCapEnabled (1.0.8802.1.1.2.1.3.6)	read-only	Current	As per MIB

## 20.2 IldpPortConfigTable

OID of this table is: 1.0.8802.1.1.2.1.1.6

Name	Access	PDS	Description
IldpPortConfigPortNum (1.0.8802.1.1.2.1.1.6.1.1)	not-accessible	Current	As per MIB
IldpPortConfigAdminStatus (1.0.8802.1.1.2.1.1.6.1.2)	read-write	Current	As per MIB
IldpPortConfigNotificationEnable (1.0.8802.1.1.2.1.1.6.1.3)	read-write	Current	As per MIB
IldpPortConfigTLVsTxEnable (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.

## 20.3 IldpConfigManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.1.7

Name	Access	PDS	Description
IldpConfigManAddrPortsTxEnable (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.

## 20.4 IldpStatsTxPortTable

OID of this table is: 1.0.8802.1.1.2.1.2.6

Name	Access	PDS	Description
IldpStatsTxPortNum (1.0.8802.1.1.2.1.2.6.1.1)	not-accessible	Current	As per MIB
IldpStatsTxPortFramesTotal (1.0.8802.1.1.2.1.2.6.1.2)	read-only	No	As per MIB

## 20.5 IldpStatsRxPortTable

OID of this table is: 1.0.8802.1.1.2.1.2.7

Name	Access	PDS	Description
IldpStatsRxPortNum (1.0.8802.1.1.2.1.2.7.1.1)	not-accessible	Current	As per MIB
IldpStatsRxPortFramesDiscardedTotal (1.0.8802.1.1.2.1.2.7.1.2)	read-only	No	As per MIB
IldpStatsRxPortFramesErrors (1.0.8802.1.1.2.1.2.7.1.3)	read-only	No	As per MIB
IldpStatsRxPortFramesTotal (1.0.8802.1.1.2.1.2.7.1.4)	read-only	No	As per MIB
IldpStatsRxPortTLVsDiscardedTotal (1.0.8802.1.1.2.1.2.7.1.5)	read-only	No	As per MIB
IldpStatsRxPortTLVsUnrecognizedTotal (1.0.8802.1.1.2.1.2.7.1.6)	read-only	No	As per MIB
IldpStatsRxPortAgeoutsTotal (1.0.8802.1.1.2.1.2.7.1.7)	read-only	No	As per MIB

## 20.6 IldpLocPortTable

OID of this table is: 1.0.8802.1.1.2.1.3.7

Name	Access	PDS	Description
IldpLocPortNum (1.0.8802.1.1.2.1.3.7.1.1)	not-accessible	Current	As per MIB
IldpLocPortIdSubtype	read-only	Current	As per MIB

(1.0.8802.1.1.2.1.3.7.1.2)			
IldpLocPortId (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.
IldpLocPortDesc (1.0.8802.1.1.2.1.3.7.1.4)	read-only	Current	As per MIB

## 20.7 IldpLocManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.3.8

Name	Access	PDS	Description
IldpLocManAddrSubtype (1.0.8802.1.1.2.1.3.8.1.1)	not-accessible	Current	As per MIB
IldpLocManAddr (1.0.8802.1.1.2.1.3.8.1.2)	not-accessible	Current	As per MIB
IldpLocManAddrLen (1.0.8802.1.1.2.1.3.8.1.3)	read-only	Current	As per MIB
IldpLocManAddrIfSubtype (1.0.8802.1.1.2.1.3.8.1.4)	read-only	Current	The subtype is IfIndex.
IldpLocManAddrIfId (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.
IldpLocManAddrOID (1.0.8802.1.1.2.1.3.8.1.6)	read-only	Current	Not supported

## 20.8 IldpRemTable

OID of this table is: 1.0.8802.1.1.2.1.4.1

Name	Access	PDS	Description
IldpRemTimeMark (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.
IldpRemLocalPortNum (1.0.8802.1.1.2.1.4.1.1.2)	not-accessible	No	As per MIB
IldpRemIndex (1.0.8802.1.1.2.1.4.1.1.3)	not-accessible	No	As per MIB
IldpRemChassisIdSubtype (1.0.8802.1.1.2.1.4.1.1.4)	read-only	No	As per MIB
IldpRemChassisId (1.0.8802.1.1.2.1.4.1.1.5)	read-only	No	As per MIB
IldpRemPortIdSubtype	read-only	No	As per MIB

(1.0.8802.1.1.2.1.4.1.1.6)			
IldpRemPortId (1.0.8802.1.1.2.1.4.1.1.7)	read-only	No	As per MIB
IldpRemPortDesc (1.0.8802.1.1.2.1.4.1.1.8)	read-only	No	As per MIB
IldpRemSysName (1.0.8802.1.1.2.1.4.1.1.9)	read-only	No	As per MIB
IldpRemSysDesc (1.0.8802.1.1.2.1.4.1.1.10)	read-only	No	As per MIB
IldpRemSysCapSupported (1.0.8802.1.1.2.1.4.1.1.11)	read-only	No	As per MIB
IldpRemSysCapEnabled (1.0.8802.1.1.2.1.4.1.1.12)	read-only	No	As per MIB

## 20.9 IldpRemManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.4.2

Name	Access	PDS	Description
IldpRemManAddrSubtype (1.0.8802.1.1.2.1.4.2.1.1)	not-accessible	No	As per MIB
IldpRemManAddr (1.0.8802.1.1.2.1.4.2.1.2)	not-accessible	No	As per MIB
IldpRemManAddrIfSubtype (1.0.8802.1.1.2.1.4.2.1.3)	read-only	No	As per MIB
IldpRemManAddrIfId (1.0.8802.1.1.2.1.4.2.1.4)	read-only	No	As per MIB
IldpRemManAddrOID (1.0.8802.1.1.2.1.4.2.1.5)	read-only	No	Not supported

## 20.10 IldpRemUnknownTLVTable

OID of this table is: 1.0.8802.1.1.2.1.4.3

Name	Access	PDS	Description
IldpRemUnknownTLVType (1.0.8802.1.1.2.1.4.3.1.1)	not-accessible	No	As per MIB
IldpRemUnknownTLVInfo (1.0.8802.1.1.2.1.4.3.1.2)	read-only	No	As per MIB

## 20.11 IldpRemOrgDefInfoTable

OID of this table is: 1.0.8802.1.1.2.1.4.4

Name	Access	PDS	Description
IldpRemOrgDefInfoOUI (1.0.8802.1.1.2.1.4.4.1.1)	not-accessible	No	As per MIB
IldpRemOrgDefInfoSubtype (1.0.8802.1.1.2.1.4.4.1.2)	not-accessible	No	As per MIB

IldpRemOrgDefInfoIndex (1.0.8802.1.1.2.1.4.4.1.3)	not-accessible	No	As per MIB
IldpRemOrgDefInfo (1.0.8802.1.1.2.1.4.4.1.4)	read-only	No	As per MIB

## 21 LLDP-EXT-DOT1-EVB-EXTENSIONS-MIB

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

### 21.1 IldpXdot1EvbConfigEvbTable

Note: The object of this table will be changed when the object of IldpXdot1EvbConfigCdcTable changes.

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.1.1

Name	Access	PDS	Description
IldpXdot1EvbConfigEvbTx Enable(1.3.111.2.802.1.1. 13.1.5.32962.7.1.1.1.1.1. .1)	read-write	Current	As per MIB

### 21.2 IldpXdot1EvbConfigCdcTable

Note: The object of this table will be changed when the object of IldpXdot1EvbConfigEvbTable changes.

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.1.2

Name	Access	PDS	Description
IldpXdot1EvbConfigCdcT xEnable(1.3.111.2.802.1.1 .13.1.5.32962.7.1.1.1.2. 1.1)	read-write	Current	As per MIB

### 21.3 IldpV2Xdot1LocEvbTlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.1

Name	Access	PDS	Description
IldpV2Xdot1LocEvbTlvStri ng (1.3.111.2.802.1.1.13.1.5. 32962.7.1.1.1.2.1.1.1)	read-only	Current	As per MIB

## 21.4 IldpV2Xdot1LocCdcPtlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.2

Name	Access	PDS	Description
IldpV2Xdot1LocCdcPtlvString (1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.2.1.1)	read-only	Current	As per MIB

## 21.5 IldpV2Xdot1RemEvbTlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.1

Name	Access	PDS	Description
IldpV2Xdot1RemEvbTlvString (1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.1.1.1)	read-only	Current	As per MIB

## 21.6 IldpV2Xdot1RemCdcPtlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.2

Name	Access	PDS	Description
IldpV2Xdot1RemCdcPtlvString (1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.2.1.1)	read-only	Current	As per MIB

# 22 LLDP-EXT-DOT1-MIB

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

## 22.1 IldpXdot1ConfigPortVlanTable

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
IldpXdot1ConfigPortVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.1.1)	read-write	Current	Default value(TRUE)

## 22.2 IldpXdot1ConfigVlanNameTable

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
IldpXdot1ConfigVlanNameTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.2.1)	read-write	Current	Default value (FALSE).

## 22.3 IldpXdot1ConfigProtoVlanTable

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
IldpXdot1ConfigProtoVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.3.1)	read-write	Current	Default value (FALSE).

## 22.4 IldpXdot1ConfigProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.4

Name	Access	PDS	Description
IldpXdot1ConfigProtocolTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.4.1)	read-write	Current	Not supported. The value is FALSE when interface works in bridge mode.

## 22.5 IldpXdot1LocTable

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
IldpXdot1LocPortVlanId (1.0.8802.1.1.2.1.5.32962.1.2.1.1)	read-only	Current	As per MIB

## 22.6 IldpXdot1LocProtoVlanTable

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
IldpXdot1LocProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.2.2.1)	not-accessible	Current	As per MIB
IldpXdot1LocProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.2.2.1)	read-only	Current	As per MIB



2)			
IldpXdot1LocProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.2.2.1.3)	read-only	Current	As per MIB

## 22.7 IldpXdot1LocVlanNameTable

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
IldpXdot1LocVlanId (1.0.8802.1.1.2.1.5.32962.1.2.3.1.1)	not-accessible	Current	As per MIB
IldpXdot1LocVlanName (1.0.8802.1.1.2.1.5.32962.1.2.3.1.2)	read-only	Current	As per MIB

## 22.8 IldpXdot1LocProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.4

Name	Access	PDS	Description
IldpXdot1LocProtocolIndex (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.
IldpXdot1LocProtocolId (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.

## 22.9 IldpXdot1RemTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.1

Name	Access	PDS	Description
IldpXdot1RemPortVlanId (1.0.8802.1.1.2.1.5.32962.1.3.1.1.1)	read-only	No	As per MIB

## 22.10 IldpXdot1RemProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.2

Name	Access	PDS	Description
IldpXdot1RemProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.3.2.1.1)	not-accessible	No	As per MIB
IldpXdot1RemProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.3.2.1.2)	read-only	No	As per MIB
IldpXdot1RemProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.3.2.1.3)	read-only	No	As per MIB

3)			
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## 22.11 IldpXdot1RemVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.3

Name	Access	PDS	Description
IldpXdot1RemVlanId (1.0.8802.1.1.2.1.5.32962.1.3.3.1)	not-accessible	No	As per MIB
IldpXdot1RemVlanName (1.0.8802.1.1.2.1.5.32962.1.3.3.2)	read-only	No	As per MIB

## 22.12 IldpXdot1RemProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.4

Name	Access	PDS	Description
IldpXdot1RemProtocolIndex (1.0.8802.1.1.2.1.5.32962.1.3.4.1)	not-accessible	No	As per MIB
IldpXdot1RemProtocolId (1.0.8802.1.1.2.1.5.32962.1.3.4.2)	read-only	No	As per MIB

# 23 LLDP-EXT-DOT1-V2-MIB

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

## 23.1 IldpV2Xdot1ConfigPortVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.1

Name	Access	PDS	Description
IldpV2Xdot1ConfigPortVlanTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.1.1)	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.

## 23.2 IldpV2Xdot1ConfigVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.2

Name	Access	PDS	Description
IldpV2Xdot1ConfigVlanNameTxEnable	read-write	Current	The value 0 is added as the default, and the status is always

(1.3.111.2.802.1.1.13.1.5.32962.1.1.2.1.1)			"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
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## 23.3 IldpV2Xdot1ConfigProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.3

Name	Access	PDS	Description
IldpV2Xdot1ConfigProtoVlanTxEnable (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

## 23.4 IldpV2Xdot1ConfigProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.4

Name	Access	PDS	Description
IldpV2Xdot1ConfigProtocolTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.4.1.1)	read-write	Current	Not supported

## 23.5 IldpV2Xdot1ConfigVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.5

Name	Access	PDS	Description
IldpV2Xdot1ConfigVidUsageDigestTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.5.1.1)	read-write	Current	Not supported

## 23.6 IldpV2Xdot1ConfigManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.6

Name	Access	PDS	Description
IldpV2Xdot1ConfigManVidTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.6.1.1)	read-write	Current	As per MIB

## 23.7 IldpV2Xdot1LocTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.1

Name	Access	PDS	Description
IldpV2Xdot1LocPortVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.1.1)	read-only	Current	As per MIB

## 23.8 IldpV2Xdot1LocProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.2

Name	Access	PDS	Description
IldpV2Xdot1LocProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1)	not-accessible	Current	As per MIB
IldpV2Xdot1LocProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.2)	read-only	Yes	As per MIB
IldpV2Xdot1LocProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.3)	read-only	Yes	As per MIB

## 23.9 IldpV2Xdot1LocVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.3

Name	Access	PDS	Description
IldpV2Xdot1LocVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1)	not-accessible	Current	As per MIB
IldpV2Xdot1LocVlanName (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1.2)	read-only	Current	As per MIB

## 23.10 IldpV2Xdot1LocProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.4

Name	Access	PDS	Description
IldpV2Xdot1LocProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1)	not-accessible	Current	Not supported
IldpV2Xdot1LocProtocolId (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1.2)	read-only	Yes	Not supported

## 23.11 IldpV2Xdot1LocVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.5

Name	Access	PDS	Description
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IldpV2Xdot1LocVidUsageDigest(1.3.111.2.802.1.1.13.1.5.32962.1.2.5.1.1)	read-only	Yes	Not supported
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## 23.12 IldpV2Xdot1LocManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.6

Name	Access	PDS	Description
IldpV2Xdot1LocManVid (1.3.111.2.802.1.1.13.1.5.32962.1.2.6.1.1)	read-only	Current	As per MIB

## 23.13 IldpV2Xdot1LocLinkAggTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.7

Name	Access	PDS	Description
IldpV2Xdot1LocLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962.1.2.7.1.1)	read-only	Current	As per MIB
IldpV2Xdot1LocLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962.1.2.7.1.2)	read-only	Current	As per MIB

## 23.14 IldpV2Xdot1RemTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.1

Name	Access	PDS	Description
IldpV2Xdot1RemPortVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.1.1.1)	read-only	No	As per MIB

## 23.15 IldpV2Xdot1RemProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.2

Name	Access	PDS	Description
IldpV2Xdot1RemProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.1)	not-accessible	No	As per MIB
IldpV2Xdot1RemProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.2)	read-only	No	As per MIB
IldpV2Xdot1RemProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962.1.3.2.1.3)	read-only	No	As per MIB

## 23.16 IldpV2Xdot1RemVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.3

Name	Access	PDS	Description
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IldpV2Xdot1RemVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.3.3.1.1)	not-accessible	No	As per MIB
IldpV2Xdot1RemVlanName (1.3.111.2.802.1.1.13.1.5.32962.1.3.3.1.2)	read-only	No	As per MIB

## 23.17 IldpV2Xdot1RemProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.4

Name	Access	PDS	Description
IldpV2Xdot1RemProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962.1.3.4.1.1)	not-accessible	No	As per MIB
IldpV2Xdot1RemProtocolId (1.3.111.2.802.1.1.13.1.5.32962.1.3.4.1.2)	read-only	No	As per MIB

## 23.18 IldpV2Xdot1RemVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.5

Name	Access	PDS	Description
IldpV2Xdot1RemVidUsageDigest (1.3.111.2.802.1.1.13.1.5.32962.1.3.5.1.1)	read-only	No	As per MIB

## 23.19 IldpV2Xdot1RemManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.6

Name	Access	PDS	Description
IldpV2Xdot1RemManVid (1.3.111.2.802.1.1.13.1.5.32962.1.3.6.1.1)	read-only	No	As per MIB

## 23.20 IldpV2Xdot1RemLinkAggTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.7

Name	Access	PDS	Description
IldpV2Xdot1RemLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962.1.3.7.1.1)	read-only	No	As per MIB
IldpV2Xdot1RemLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962.1.3.7.1.2)	read-only	No	As per MIB

## 23.21 IldpXdot1dcbxConfigETSConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.1

Name	Access	PDS	Description
IldpXdot1dcbxConfigETSConfigurationTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.1.1)	read-write	Current	The value set for this node also applies to the other three nodes: IldpXdot1dcbxConfigETSRecommendationTxEnable, IldpXdot1dcbxConfigPFCTxEnable and IldpXdot1dcbxConfigApplicationPriorityTxEnable.

## 23.22 IldpXdot1dcbxConfigETSRecommendationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.2

Name	Access	PDS	Description
IldpXdot1dcbxConfigETSRecommendationTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.2.1)	read-write	Current	The value set for this node also applies to the other three nodes: IldpXdot1dcbxConfigETSConfigurationTxEnable, IldpXdot1dcbxConfigPFCTxEnable and IldpXdot1dcbxConfigApplicationPriorityTxEnable.

## 23.23 IldpXdot1dcbxConfigPFCTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3

Name	Access	PDS	Description
IldpXdot1dcbxConfigPFCTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3.1)	read-write	Current	The value set for this node also applies to the other three nodes: IldpXdot1dcbxConfigETSConfigurationTxEnable, IldpXdot1dcbxConfigETSRecommendationTxEnable and IldpXdot1dcbxConfigApplicationPriorityTxEnable.

## 23.24 IldpXdot1dcbxConfigApplicationPriorityTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4

Name	Access	PDS	Description
IldpXdot1dcbxConfigApplicationPriorityTxEnable	read-write	Current	The value set for this node also applies to the other three nodes:

(1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4.1.1)			IldpXdot1dcbxConfigETSConfigurationTxEnable, IldpXdot1dcbxConfigETSRecommendationTxEnable and IldpXdot1dcbxConfigPFCTxEnable.
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## 23.25 IldpXdot1dcbxLocETSTable

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
IldpXdot1dcbxLocETSConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.1)	read-only	Yes	As per MIB
IldpXdot1dcbxLocETSConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxLocETSConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.3)	read-only	Yes	As per MIB

## 23.26 IldpXdot1dcbxLocETSConPriorityAssignmentTable

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
IldpXdot1dcbxLocETSConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxLocETSConPriTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2.1.2)	read-only	Current	As per MIB

## 23.27 IldpXdot1dcbxLocETSConTrafficClassBandwidthTable

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
IldpXdot1dcbxLocETSConTrafficClasses (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSConTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3.1.2)	read-only	Current	As per MIB



.1.3.1.2)			
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## 23.28 IldpXdot1dcbxLocETSTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxLocETSTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4.1.2)	read-only	Current	As per MIB

## 23.29 IldpXdot1dcbxLocETSRecoTrafficClassBandwidthTable

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
IldpXdot1dcbxLocETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.2)	read-only	Current	As per MIB

## 23.30 IldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxLocETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.2)	read-only	Current	As per MIB

## 23.31 IldpXdot1dcbxLocPFCBasicTable

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
IldpXdot1dcbxLocPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.1)	read-only	Yes	As per MIB
IldpXdot1dcbxLocPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxLocPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.3)	read-only	Yes	As per MIB

## 23.32 IldpXdot1dcbxLocPFCEnableTable

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
IldpXdot1dcbxLocPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxLocPFCEnableEnabled (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2.1.2)	read-only	Current	As per MIB

## 23.33 IldpXdot1dcbxLocApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4

Name	Access	PDS	Description
IldpXdot1dcbxLocApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocApplicationPriorityAEProtocol (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.
IldpXdot1dcbxLocApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4.1.3)	read-only	Current	As per MIB

## 23.34 IldpXdot1dcbxRemETSTBasicConfigurationTable

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
IldpXdot1dcbxRemETSTConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.3)	read-only	No	As per MIB

.1.1.1.1)			
IldpXdot1dcbxRemETSTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1.1.2)	read-only	No	As per MIB
IldpXdot1dcbxRemETSTrafficClassWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1.1.3)	read-only		As per MIB

## 23.35 IldpXdot1dcbxRemETSTrafficPriorityAssignmentTable

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
IldpXdot1dcbxRemETSTrafficPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSTrafficPriorityClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2.1.2)	read-only	No	As per MIB

## 23.36 IldpXdot1dcbxRemETSTrafficClassBandwidthTable

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
IldpXdot1dcbxRemETSTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3.1.2)	read-only	No	As per MIB

## 23.37 IldpXdot1dcbxRemETSTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxRemETSTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.2)	read-only	No	As per MIB

.1.4.1.2)			
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## 23.38 IldpXdot1dcbxRemETSRecoTrafficClassBandwidthTable

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
IldpXdot1dcbxRemETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.2)	read-only	No	As per MIB

## 23.39 IldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxRemETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.2)	read-only	No	As per MIB

## 23.40 IldpXdot1dcbxRemPFCBasicTable

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
IldpXdot1dcbxRemPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.1)	read-only	No	As per MIB
IldpXdot1dcbxRemPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.2)	read-only	No	As per MIB
IldpXdot1dcbxRemPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1.1.3)	read-only	No	As per MIB

## 23.41 IldpXdot1dcbxRemPFCEnableTable

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
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IldpXdot1dcbxRemPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemPFCEnableEnabled (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2.1.2)	read-only	No	As per MIB

## 23.42 IldpXdot1dcbxRemApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4

Name	Access	PDS	Description
IldpXdot1dcbxRemApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemApplicationPriorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.2)	not-accessible	No	As per MIB
IldpXdot1dcbxRemApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4.1.3)	read-only	No	As per MIB

## 23.43 IldpXdot1dcbxAdminETSTBasicConfigurationTable

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
IldpXdot1dcbxAdminETSTConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.1)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminETSTConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminETSTConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.3)	read-write		Only support read operation

## 23.44 IldpXdot1dcbxAdminETSTConPriorityAssignmentTable

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
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IldpXdot1dcbxAdminETSConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxAdminETSConPriTrafficClass (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

## 23.45 IldpXdot1dcbxAdminETSConTrafficClassBandwidthTable

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
IldpXdot1dcbxAdminETSConTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSConTrafficClassBandwidth (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

## 23.46 IldpXdot1dcbxAdminETSConTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxAdminETSConTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSConTrafficSelectionAlgorithm (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

## 23.47 IldpXdot1dcbxAdminETSRecoTrafficClassBandwidthTable

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
IldpXdot1dcbxAdminETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSRecoTrafficClassBandwidth (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

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## 23.48 IldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithmTable

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
IldpXdot1dcbxAdminETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithm (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

## 23.49 IldpXdot1dcbxAdminPFCBasicTable

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
IldpXdot1dcbxAdminPFCWilling (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
IldpXdot1dcbxAdminPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.3)	read-only	Yes	As per MIB

## 23.50 IldpXdot1dcbxAdminPFCEnableTable

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
IldpXdot1dcbxAdminPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxAdminPFCEnableEnable (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

## 23.51 IldpXdot1dcbxAdminApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4

Name	Access	PDS	Description
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IldpXdot1dcbxAdminApplicationPriorityAESelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminApplicationPriorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.2)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminApplicationPriorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.3)	read-create	Current	Only support read operation

## 24 LLDP-EXT-DOT3-MIB

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

### 24.1 IldpXdot3PortConfigTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.1.1

Name	Access	PDS	Description
IldpXdot3PortConfigTLVsTxEnable (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.

### 24.2 IldpXdot3LocPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.1

Name	Access	PDS	Description
IldpXdot3LocPortAutoNegSupported (1.0.8802.1.1.2.1.5.4623.1.2.1.1.1)	read-only	Current	As per MIB
IldpXdot3LocPortAutoNegEnabled (1.0.8802.1.1.2.1.5.4623.1.2.1.1.2)	read-only	Current	As per MIB
IldpXdot3LocPortAutoNegAdvertisedCap (1.0.8802.1.1.2.1.5.4623.1.2.1.1.3)	read-only	Current	As per MIB
IldpXdot3LocPortOperMauType (1.0.8802.1.1.2.1.5.4623.1.2.1.1.4)	read-only	Current	As per MIB

### 24.3 IldpXdot3LocPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.2

Name	Access	PDS	Description
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IldpXdot3LocPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.1)	read-only	Current	As per MIB
IldpXdot3LocPowerMDISupported (1.0.8802.1.1.2.1.5.4623.1.2.2.1.2)	read-only	Current	As per MIB
IldpXdot3LocPowerMDIEnabled (1.0.8802.1.1.2.1.5.4623.1.2.2.1.3)	read-only	Current	As per MIB
IldpXdot3LocPowerPairControlable (1.0.8802.1.1.2.1.5.4623.1.2.2.1.4)	read-only	Current	As per MIB
IldpXdot3LocPowerPairs (1.0.8802.1.1.2.1.5.4623.1.2.2.1.5)	read-only	Current	As per MIB
IldpXdot3LocPowerClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.6)	read-only	Current	As per MIB

## 24.4 IldpXdot3LocLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.3

Name	Access	PDS	Description
IldpXdot3LocLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.2.3.1.1)	read-only	Current	As per MIB
IldpXdot3LocLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.2.3.1.2)	read-only	Current	As per MIB

## 24.5 IldpXdot3LocMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.4

Name	Access	PDS	Description
IldpXdot3LocMaxFrameSize (1.0.8802.1.1.2.1.5.4623.1.2.4.1.1)	read-only	Current	As per MIB

## 24.6 IldpXdot3RemPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.1

Name	Access	PDS	Description
IldpXdot3RemPortAutoNegSupported (1.0.8802.1.1.2.1.5.4623.1.3.1.1.1)	read-only	No	As per MIB
IldpXdot3RemPortAutoNegEnabled (1.0.8802.1.1.2.1.5.4623.1.3.1.1.2)	read-only	No	As per MIB
IldpXdot3RemPortAutoNegAdvertisedCap (1.0.8802.1.1.2.1.5.4623.1.3.1.1.3)	read-only	No	As per MIB
IldpXdot3RemPortOperMauType (1.0.8802.1.1.2.1.5.4623.1.3.1.1.4)	read-only	No	As per MIB

## 24.7 IldpXdot3RemPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.2

Name	Access	PDS	Description
IldpXdot3RemPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.3.2.1.1)	read-only	No	As per MIB
IldpXdot3RemPowerMDISupporte d (1.0.8802.1.1.2.1.5.4623.1.3.2.1.2)	read-only	No	As per MIB
IldpXdot3RemPowerMDIEnabled (1.0.8802.1.1.2.1.5.4623.1.3.2.1.3)	read-only	No	As per MIB
IldpXdot3RemPowerPairControlabl e (1.0.8802.1.1.2.1.5.4623.1.3.2.1.4)	read-only	No	As per MIB
IldpXdot3RemPowerPairs (1.0.8802.1.1.2.1.5.4623.1.3.2.1.5)	read-only	No	As per MIB
IldpXdot3RemPowerClass (1.0.8802.1.1.2.1.5.4623.1.3.2.1.6)	read-only	No	As per MIB

## 24.8 IldpXdot3RemLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.3

Name	Access	PDS	Description
IldpXdot3RemLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.3.3.1.1)	read-only	No	As per MIB
IldpXdot3RemLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.3.3.1.2)	read-only	No	As per MIB

## 24.9 IldpXdot3RemMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.4

Name	Access	PDS	Description
IldpXdot3RemMaxFrameSize (1.0.8802.1.1.2.1.5.4623.1.3.4.1.1)	read-only	No	As per MIB

# 25 LLDP-EXT-DOT3-V2-MIB

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

## 25.1 IldpV2Xdot3PortConfigTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.1.1

Name	Access	PDS	Description
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lldpV2Xdot3PortConfigTLVsTxEnable (1.3.111.2.802.1.1.13.1.5.4623.1.1.1.1.1) )	read-write	Current	<p>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.</p> <p>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.</p>
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## 25.2 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
lldpV2Xdot3LocPortAutoNegAdvertised Cap (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

## 25.3 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

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## 25.4 IldpV2Xdot3LocMaxFrameSizeTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.3

Name	Access	PDS	Description
IldpV2Xdot3LocMaxFrameSize (1.3.111.2.802.1.1.13.1.5.4623.1.2.3.1.1 )	read-only	Current	As per MIB

## 25.5 IldpV2Xdot3RemPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.1

Name	Access	PDS	Description
IldpV2Xdot3RemPortAutoNegSupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.1 )	read-only	No	As per MIB
IldpV2Xdot3RemPortAutoNegEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.2 )	read-only	No	As per MIB
IldpV2Xdot3RemPortAutoNegAdvertise dCap (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.3 )	read-only	No	As per MIB
IldpV2Xdot3RemPortOperMauType (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.4 )	read-only	No	As per MIB

## 25.6 IldpV2Xdot3RemPowerTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.2

Name	Access	PDS	Description
IldpV2Xdot3RemPowerPortClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.1 )	read-only	No	As per MIB
IldpV2Xdot3RemPowerMDISupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.2 )	read-only	No	As per MIB
IldpV2Xdot3RemPowerMDIEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.3 )	read-only	No	As per MIB
IldpV2Xdot3RemPowerPairControlable (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.4 )	read-only	No	As per MIB
IldpV2Xdot3RemPowerPairs (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.5 )	read-only	No	As per MIB

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lldpV2Xdot3RemPowerClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.6 )	read-only	No	As per MIB

## 25.7 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

# 26 LLDP-EXT-MED-MIB

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

## 26.1 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	read-only	Current	Not supported

(1.0.8802.1.1.2.1.5.4795.1.2.13)			
IldpXMedLocXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.14)	read-only	Current	Not supported
IldpXMedLocXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.2.15)	read-only	Current	Not supported

## 26.2 IldpXMedPortConfigEntry

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.1.2.1

Name	Access	PDS	Description
IldpXMedPortCapSupported (1.0.8802.1.1.2.1.5.4795.1.1.2.1.1)	read-only	Current	As per MIB
IldpXMedPortConfigTLVsTxEnable (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.
IldpXMedPortConfigNotifEnable (1.0.8802.1.1.2.1.5.4795.1.1.2.1.3)	read-write	Current	As per MIB

## 26.3 IldpXMedLocLocationTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.2.9

Name	Access	PDS	Description
IldpXMedLocLocationSubtype (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.
IldpXMedLocLocationInfo (1.0.8802.1.1.2.1.5.4795.1.2.9.1.2)	read-write	Current	The bit 'location(2)' of the IldpXMedPortConfigTLVsTxEnable 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.

## 26.4 IldpXMedRemCapabilitiesTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.1

Name	Access	PDS	Description
IldpXMedRemCapSupported (1.0.8802.1.1.2.1.5.4795.1.3.1.1.1)	read-only	No	As per MIB
IldpXMedRemCapCurrent (1.0.8802.1.1.2.1.5.4795.1.3.1.1.2)	read-only	No	As per MIB

IldpXMedRemDeviceClass (1.0.8802.1.1.2.1.5.4795.1.3.1.1.3)	read-only	No	As per MIB
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## 26.5 IldpXMedRemMediaPolicyTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.2

Name	Access	PDS	Description
IldpXMedRemMediaPolicyAppType (1.0.8802.1.1.2.1.5.4795.1.3.2.1.1)	not-accessible	No	As per MIB
IldpXMedRemMediaPolicyVlanID (1.0.8802.1.1.2.1.5.4795.1.3.2.1.2)	read-only	No	As per MIB
IldpXMedRemMediaPolicyPriority (1.0.8802.1.1.2.1.5.4795.1.3.2.1.3)	read-only	No	As per MIB
IldpXMedRemMediaPolicyDscp (1.0.8802.1.1.2.1.5.4795.1.3.2.1.4)	read-only	No	As per MIB
IldpXMedRemMediaPolicyUnknown (1.0.8802.1.1.2.1.5.4795.1.3.2.1.5)	read-only	No	As per MIB
IldpXMedRemMediaPolicyTagged (1.0.8802.1.1.2.1.5.4795.1.3.2.1.6)	read-only	No	As per MIB

## 26.6 IldpXMedRemInventoryTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.3

Name	Access	PDS	Description
IldpXMedRemHardwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.1)	read-only	No	As per MIB
IldpXMedRemFirmwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.2)	read-only	No	As per MIB
IldpXMedRemSoftwareRev (1.0.8802.1.1.2.1.5.4795.1.3.3.1.3)	read-only	No	As per MIB
IldpXMedRemSerialNum (1.0.8802.1.1.2.1.5.4795.1.3.3.1.4)	read-only	No	As per MIB
IldpXMedRemMfgName (1.0.8802.1.1.2.1.5.4795.1.3.3.1.5)	read-only	No	As per MIB
IldpXMedRemModelName (1.0.8802.1.1.2.1.5.4795.1.3.3.1.6)	read-only	No	As per MIB
IldpXMedRemAssetID (1.0.8802.1.1.2.1.5.4795.1.3.3.1.7)	read-only	No	As per MIB

## 26.7 IldpXMedRemLocationTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.4

Name	Access	PDS	Description
IldpXMedRemLocationSubtype(1.0.8802.1.1.2.1.5.4795.1.3.4.1.1)	not-accessible	No	As per MIB

IldpXMedRemLocationInfo (1.0.8802.1.1.2.1.5.4795.1.3.4.1.2)	read-only	No	As per MIB
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## 26.8 IldpXMedRemXPoETable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.5

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

## 26.9 IldpXMedRemXPoEPSETable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.6

Name	Access	PDS	Description
IldpXMedRemXPoEPSEPowerAv (1.0.8802.1.1.2.1.5.4795.1.3.6.1.1)	read-only	No	As per MIB
IldpXMedRemXPoEPSEPowerSou rce (1.0.8802.1.1.2.1.5.4795.1.3.6.1.2)	read-only	No	As per MIB
IldpXMedRemXPoEPSEPowerPrio rity (1.0.8802.1.1.2.1.5.4795.1.3.6.1.3)	read-only	No	As per MIB

## 26.10 IldpXMedRemXPoEPDTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.7

Name	Access	PDS	Description
IldpXMedRemXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.3.7.1.1)	read-only	No	As per MIB
IldpXMedRemXPoEPDPowerSour ce (1.0.8802.1.1.2.1.5.4795.1.3.7.1.2)	read-only	No	As per MIB
IldpXMedRemXPoEPDPowerPrio rity (1.0.8802.1.1.2.1.5.4795.1.3.7.1.3)	read-only	No	As per MIB

# 27 LLDP-V2-MIB

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

## 27.1 Scalar Objects

Name	Access	PDS	Description
IldpV2MessageTxInterval	read-write	Current	As per MIB



(1.3.111.2.802.1.1.13.1.1.1)			
IldpV2MessageTxHoldMultiplier (1.3.111.2.802.1.1.13.1.1.2)	read-write	Current	As per MIB
IldpV2ReinitDelay (1.3.111.2.802.1.1.13.1.1.3)	read-write	Current	As per MIB
IldpV2NotificationInterval (1.3.111.2.802.1.1.13.1.1.4)	read-write	Current	As per MIB
IldpV2TxCreditMax (1.3.111.2.802.1.1.13.1.1.5)	read-write	Current	As per MIB
IldpV2MessageFastTx (1.3.111.2.802.1.1.13.1.1.6)	read-write	Current	As per MIB
IldpV2TxFastInit (1.3.111.2.802.1.1.13.1.1.7)	read-write	Current	As per MIB
IldpV2StatsRemTablesLastChangeTime (1.3.111.2.802.1.1.13.1.2.1)	read-only	No	As per MIB
IldpV2StatsRemTablesInserts (1.3.111.2.802.1.1.13.1.2.2)	read-only	No	As per MIB
IldpV2StatsRemTablesDeletes (1.3.111.2.802.1.1.13.1.2.3)	read-only	No	As per MIB
IldpV2StatsRemTablesDrops (1.3.111.2.802.1.1.13.1.2.4)	read-only	No	As per MIB
IldpV2StatsRemTablesAgeouts (1.3.111.2.802.1.1.13.1.2.5)	read-only	No	As per MIB
IldpV2LocChassisIdSubtype (1.3.111.2.802.1.1.13.1.3.1)	read-only	Yes	As per MIB
IldpV2LocChassisId (1.3.111.2.802.1.1.13.1.3.2)	read-only	Yes	As per MIB
IldpV2LocSysName (1.3.111.2.802.1.1.13.1.3.3)	read-only	Current	As per MIB
IldpV2LocSysDesc (1.3.111.2.802.1.1.13.1.3.4)	read-only	Yes	As per MIB
IldpV2LocSysCapSupported (1.3.111.2.802.1.1.13.1.3.5)	read-only	Yes	As per MIB
IldpV2LocSysCapEnabled (1.3.111.2.802.1.1.13.1.3.6)	read-only	Yes	As per MIB

## 27.2 IldpV2PortConfigTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.8

Name	Access	PDS	Description
IldpV2PortConfigIfIndex (1.3.111.2.802.1.1.13.1.1.8.1.1)	not-accessible	Current	As per MIB
IldpV2PortConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.8.1.2)	not-accessible	Yes	As per MIB
IldpV2PortConfigAdminStatus (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.
IldpV2PortConfigNotificationEnable (1.3.111.2.802.1.1.13.1.1.8.1.4)	read-write	Current	As per MIB
IldpV2PortConfigTLVsTxEnable (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.

## 27.3 IldpV2DestAddressTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.9

Name	Access	PDS	Description
IldpV2AddressTableIndex (1.3.111.2.802.1.1.13.1.1.9.1.1)	not-accessible	Yes	As per MIB
IldpV2DestMacAddress (1.3.111.2.802.1.1.13.1.1.9.1.2)	read-only	Yes	As per MIB

## 27.4 IldpV2ManAddrConfigTxPortsTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.10

Name	Access	PDS	Description
IldpV2ManAddrConfigIfIndex (1.3.111.2.802.1.1.13.1.1.10.1.1)	not-accessible	Current	As per MIB
IldpV2ManAddrConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.10.1.2)	not-accessible	Yes	As per MIB
IldpV2ManAddrConfigLocManAddrSubtype (1.3.111.2.802.1.1.13.1.1.10.1.3)	not-accessible	Yes	As per MIB
IldpV2ManAddrConfigLocManAddr (1.3.111.2.802.1.1.13.1.1.10.1.4)	not-accessible	Current	Only support one ManAddr TLV.
IldpV2ManAddrConfigTxEnable (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.
IldpV2ManAddrConfigRowStatus (1.3.111.2.802.1.1.13.1.10.1.6)	read-create	Current	Only support active(1)、createAndGo(4) and destroy(6).

## 27.5 IldpV2StatsTxPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.2.6

Name	Access	PDS	Description
IldpV2StatsTxIfIndex (1.3.111.2.802.1.1.13.1.2.6.1.1)	not-accessible	Current	As per MIB
IldpV2StatsTxDestMACAddress (1.3.111.2.802.1.1.13.1.2.6.1.2)	not-accessible	Yes	As per MIB
IldpV2StatsTxPortFramesTotal (1.3.111.2.802.1.1.13.1.2.6.1.3)	read-only	No	As per MIB
IldpV2StatsTxLLDPDULengthErrors (1.3.111.2.802.1.1.13.1.2.6.1.4)	read-only	No	As per MIB

## 27.6 IldpV2StatsRxPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.2.7

Name	Access	PDS	Description
IldpV2StatsRxDestIfIndex (1.3.111.2.802.1.1.13.1.2.7.1.1)	not-accessible	Current	As per MIB
IldpV2StatsRxDestMACAddress(1.3.111.2.802.1.1.13.1.2.7.1.2)	not-accessible	Yes	As per MIB
IldpV2StatsRxPortFramesDiscardedTotal (1.3.111.2.802.1.1.13.1.2.7.1.3)	read-only	No	As per MIB
IldpV2StatsRxPortFramesErrors(1.3.111.2.802.1.1.13.1.2.7.1.4)	read-only	No	As per MIB
IldpV2StatsRxPortFramesTotal (1.3.111.2.802.1.1.13.1.2.7.1.5)	read-only	No	As per MIB
IldpV2StatsRxPortTLVsDiscardedTotal (1.3.111.2.802.1.1.13.1.2.7.1.6)	read-only	No	As per MIB
IldpV2StatsRxPortTLVsUnrecognizedTotal (1.3.111.2.802.1.1.13.1.2.7.1.7)	read-only	No	As per MIB
IldpV2StatsRxPortAgeoutsTotal (1.3.111.2.802.1.1.13.1.2.7.1.8)	read-only	No	As per MIB

## 27.7 IldpV2LocPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.3.7

Name	Access	PDS	Description
IldpV2LocPortIfIndex (1.3.111.2.802.1.1.13.1.3.7.1.1)	not-accessible	Current	As per MIB

IldpV2LocPortIdSubtype (1.3.111.2.802.1.1.13.1.3.7.1.2)	read-only	Yes	As per MIB
IldpV2LocPortId (1.3.111.2.802.1.1.13.1.3.7.1.3)	read-only	Yes	As per MIB
IldpV2LocPortDesc (1.3.111.2.802.1.1.13.1.3.7.1.4)	read-only	Current	As per MIB

## 27.8 IldpV2LocManAddrTable

OID of this table is: 1.3.111.2.802.1.1.13.1.3.8

Name	Access	PDS	Description
IldpV2LocManAddrSubtype (1.3.111.2.802.1.1.13.1.3.8.1.1)	not-accessible	Yes	As per MIB
IldpV2LocManAddr (1.3.111.2.802.1.1.13.1.3.8.1.2)	not-accessible	Current	Only support one ManAddr TLV.
IldpV2LocManAddrLen (1.3.111.2.802.1.1.13.1.3.8.1.3)	read-only	Yes	As per MIB
IldpV2LocManAddrIfSubtype (1.3.111.2.802.1.1.13.1.3.8.1.4)	read-only	Yes	As per MIB
IldpV2LocManAddrIfId (1.3.111.2.802.1.1.13.1.3.8.1.5)	read-only	Current	As per MIB
IldpV2LocManAddrOID (1.3.111.2.802.1.1.13.1.3.8.1.6)	read-only	Yes	Not supported

## 27.9 IldpV2RemTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.1

Name	Access	PDS	Description
IldpV2RemTimeMark (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.
IldpV2RemLocalIfIndex (1.3.111.2.802.1.1.13.1.4.1.1.2)	not-accessible	No	As per MIB
IldpV2RemLocalDestMACAddress (1.3.111.2.802.1.1.13.1.4.1.1.3)	not-accessible	No	As per MIB
IldpV2RemIndex (1.3.111.2.802.1.1.13.1.4.1.1.4)	not-accessible	No	As per MIB
IldpV2RemChassisIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.5)	read-only	No	As per MIB
IldpV2RemChassisId (1.3.111.2.802.1.1.13.1.4.1.1.6)	read-only	No	As per MIB
IldpV2RemPortIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.7)	read-only	No	As per MIB
IldpV2RemPortId (1.3.111.2.802.1.1.13.1.4.1.1.8)	read-only	No	As per MIB

IldpV2RemPortDesc (1.3.111.2.802.1.1.13.1.4.1.1.9)	read-only	No	As per MIB
IldpV2RemSysName (1.3.111.2.802.1.1.13.1.4.1.1.10)	read-only	No	As per MIB
IldpV2RemSysDesc (1.3.111.2.802.1.1.13.1.4.1.1.11)	read-only	No	As per MIB
IldpV2RemSysCapSupported (1.3.111.2.802.1.1.13.1.4.1.1.12)	read-only	No	As per MIB
IldpV2RemSysCapEnabled (1.3.111.2.802.1.1.13.1.4.1.1.13)	read-only	No	As per MIB
IldpV2RemRemoteChanges (1.3.111.2.802.1.1.13.1.4.1.1.14)	read-only	No	As per MIB
IldpV2RemTooManyNeighbors (1.3.111.2.802.1.1.13.1.4.1.1.15)	read-only	No	As per MIB

## 27.10 IldpV2RemManAddrTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.2

Name	Access	PDS	Description
IldpV2RemManAddrSubtype (1.3.111.2.802.1.1.13.1.4.2.1.1)	not-accessible	No	As per MIB
IldpV2RemManAddr (1.3.111.2.802.1.1.13.1.4.2.1.2)	not-accessible	No	As per MIB
IldpV2RemManAddrIfSubtype (1.3.111.2.802.1.1.13.1.4.2.1.3)	read-only	No	As per MIB
IldpV2RemManAddrIfId (1.3.111.2.802.1.1.13.1.4.2.1.4)	read-only	No	As per MIB
IldpV2RemManAddrOID (1.3.111.2.802.1.1.13.1.4.2.1.5)	read-only	No	Not supported

## 27.11 IldpV2RemUnknownTLVTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.3

Name	Access	PDS	Description
IldpV2RemUnknownTLVType (1.3.111.2.802.1.1.13.1.4.3.1.1)	not-accessible	No	As per MIB
IldpV2RemUnknownTLVInfo (1.3.111.2.802.1.1.13.1.4.3.1.2)	read-only	No	As per MIB

## 27.12 IldpV2RemOrgDefInfoTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.4

Name	Access	PDS	Description
IldpV2RemOrgDefInfoOUI (1.3.111.2.802.1.1.13.1.4.4.1.1)	not-accessible	No	As per MIB
IldpV2RemOrgDefInfoSubType	not-accessible	No	As per MIB

(1.3.111.2.802.1.1.13.1.4.4.1.2)	ble		
IldpV2RemOrgDefInfoIndex (1.3.111.2.802.1.1.13.1.4.4.1.3)	not-accessible	No	As per MIB
IldpV2RemOrgDefInfo (1.3.111.2.802.1.1.13.1.4.4.1.4)	read-only	No	As per MIB

## 28 MAU-MIB

### 28.1 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

### 28.2 ifJackTable of dot3IfMauBasicGroup

OID of this table is: 1.3.6.1.2.1.26.2.2

Name	Access	PDS	Description
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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

## 28.3 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

## 29 MGMD-STD-MIB

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

- (1) the MGMD Host Interface Table, which contains one row for each interface on which IGMP or MLD is enabled on a host.
- (2) the MGMD Router Interface Table, which contains one row for each interface on which MGMD is enabled on a router.
- (3) the MGMD Host Cache Table, which contains one row for each IP multicast group for which there are members on a particular interface on a host.
- (4) the MGMD Router Cache Table, which contains one row for each IP multicast group for which there are members on a particular interface on a router.

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

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

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

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

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

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

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

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

## 29.1 mgmdRouterInterfaceTable

OID of this table is: 1.3.6.1.2.1.185.1.2

Name	Access	PDS	Description
mgmdRouterInterfaceIfIndex (1.3.6.1.2.1.185.1.2.1.1)	not-accessible	Current	As per MIB
mgmdRouterInterfaceQuerierType (1.3.6.1.2.1.185.1.2.1.2)	not-accessible	Current	As per MIB
mgmdRouterInterfaceQuerier (1.3.6.1.2.1.185.1.2.1.3)	read-only	No	As per MIB
mgmdRouterInterfaceQueryInterval (1.3.6.1.2.1.185.1.2.1.4)	read-create	Current	As per MIB
mgmdRouterInterfaceStatus (1.3.6.1.2.1.185.1.2.1.5)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
mgmdRouterInterfaceVersion (1.3.6.1.2.1.185.1.2.1.6)	read-create	Current	Default value is 2
mgmdRouterInterfaceQueryMaxResponseTime (1.3.6.1.2.1.185.1.2.1.7)	read-create	Current	Range from 10 to 31740
mgmdRouterInterfaceQuerierUpTime	read-only	No	As per MIB



me (1.3.6.1.2.1.185.1.2.1.8)			
mgmdRouterInterfaceQuerierExpiryTime (1.3.6.1.2.1.185.1.2.1.9)	read-only	No	As per MIB
mgmdRouterInterfaceWrongVersionQueries (1.3.6.1.2.1.185.1.2.1.10)	read-only	No	Not supported
mgmdRouterInterfaceJoins (1.3.6.1.2.1.185.1.2.1.11)	read-only	No	As per MIB
mgmdRouterInterfaceProxylfIndex (1.3.6.1.2.1.185.1.2.1.12)	read-create	Current	Only support read operation
mgmdRouterInterfaceGroups (1.3.6.1.2.1.185.1.2.1.13)	read-only	No	As per MIB
mgmdRouterInterfaceRobustness (1.3.6.1.2.1.185.1.2.1.14)	read-create	Current	As per MIB
mgmdRouterInterfaceLastMemberQueryInterval (1.3.6.1.2.1.185.1.2.1.15)	read-create	Current	Range from 10 to 250
mgmdRouterInterfaceLastMemberQueryCount (1.3.6.1.2.1.185.1.2.1.16)	read-only	Current	As per MIB
mgmdRouterInterfaceStartupQueryCount (1.3.6.1.2.1.185.1.2.1.17)	read-only	Current	As per MIB
mgmdRouterInterfaceStartupQueryInterval (1.3.6.1.2.1.185.1.2.1.18)	read-only	Current	Range from 1 to 31744

## 29.2 mgmdRouterCacheTable

OID of this table is: 1.3.6.1.2.1.185.1.4

Name	Access	PDS	Description
mgmdRouterCacheAddressType (1.3.6.1.2.1.185.1.4.1.1)	not-accessible	No	As per MIB
mgmdRouterCacheAddress (1.3.6.1.2.1.185.1.4.1.2)	not-accessible	No	As per MIB
mgmdRouterCacheIfIndex (1.3.6.1.2.1.185.1.4.1.3)	not-accessible	No	As per MIB
mgmdRouterCacheLastReporter (1.3.6.1.2.1.185.1.4.1.4)	read-only	No	As per MIB
mgmdRouterCacheUpTime (1.3.6.1.2.1.185.1.4.1.5)	read-only	No	As per MIB

mgmdRouterCacheExpiryTime (1.3.6.1.2.1.185.1.4.1.6)	read-only	No	As per MIB
mgmdRouterCacheExcludeModeExpiryTimer (1.3.6.1.2.1.185.1.4.1.7)	read-only	No	As per MIB
mgmdRouterCacheVersion1HostTimer (1.3.6.1.2.1.185.1.4.1.8)	read-only	No	As per MIB
mgmdRouterCacheVersion2HostTimer (1.3.6.1.2.1.185.1.4.1.9)	read-only	No	As per MIB
mgmdRouterCacheSourceFilterMode (1.3.6.1.2.1.185.1.4.1.10)	read-only	No	As per MIB

## 29.3 mgmdInverseRouterCacheTable

OID of this table is: 1.3.6.1.2.1.185.1.6

Name	Access	PDS	Description
mgmdInverseRouterCacheIfIndex (1.3.6.1.2.1.185.1.6.1.1)	not-accessible	No	As per MIB
mgmdInverseRouterCacheAddressType (1.3.6.1.2.1.185.1.6.1.2)	not-accessible	No	As per MIB
mgmdInverseRouterCacheAddresses (1.3.6.1.2.1.185.1.6.1.3)	read-only	No	As per MIB

## 29.4 mgmdRouterSrcListTable

OID of this table is: 1.3.6.1.2.1.185.1.8

Name	Access	PDS	Description
mgmdRouterSrcListAddressType (1.3.6.1.2.1.185.1.8.1.1)	not-accessible	No	As per MIB
mgmdRouterSrcListAddress (1.3.6.1.2.1.185.1.8.1.2)	not-accessible	No	As per MIB
mgmdRouterSrcListIfIndex (1.3.6.1.2.1.185.1.8.1.3)	not-accessible	No	As per MIB
mgmdRouterSrcListHostAddress (1.3.6.1.2.1.185.1.8.1.4)	not-accessible	No	As per MIB
mgmdRouterSrcListExpire (1.3.6.1.2.1.185.1.8.1.5)	read-only	No	As per MIB

## 30 P-BRIDGE-MIB

### 30.1 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
dot1dTraficClassesEnabled (1.3.6.1.2.1.17.6.1.1.2)	read-write	No	Only support read operation
dot1dGmrpStatus (1.3.6.1.2.1.17.6.1.1.3)	read-write	No	Not supported

### 30.2 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

### 30.3 dot1dPortPriorityTable

OID of this table is: 1.3.6.1.2.1.17.6.1.2.1

Name	Access	PDS	Description
dot1dPortDefaultUserPriority (1.3.6.1.2.1.17.6.1.2.1.1.1)	read-write	No	Not supported
dot1dPortNumTrafficClasses (1.3.6.1.2.1.17.6.1.2.1.1.2)	read-write	No	Not supported

### 30.4 dot1dUserPriorityRegenTable

OID of this table is: 1.3.6.1.2.1.17.6.1.2.2

Name	Access	PDS	Description
dot1dUserPriority (1.3.6.1.2.1.17.6.1.2.2.1.1)	not-accessible	No	Not supported
dot1dRegenUserPriority (1.3.6.1.2.1.17.6.1.2.2.1.2)	read-write	No	Not supported

## 30.5 dot1dTrafficClassTable

OID of this table is: 1.3.6.1.2.1.17.6.1.2.3

Name	Access	PDS	Description
dot1dTrafficClassPriority (1.3.6.1.2.1.17.6.1.2.3.1.1)	not-accessible	No	Not supported
dot1dTrafficClass (1.3.6.1.2.1.17.6.1.2.3.1.2)	read-write	No	Not supported

## 30.6 dot1dPortOutboundAccessPriorityTable

OID of this table is: 1.3.6.1.2.1.17.6.1.2.4

Name	Access	PDS	Description
dot1dPortOutboundAccessPriority (1.3.6.1.2.1.17.6.1.2.4.1.1)	read-only	No	Not supported

## 30.7 dot1dPortGarpTable

OID of this table is: 1.3.6.1.2.1.17.6.1.3.1

Name	Access	PDS	Description
dot1dPortGarpJoinTime (1.3.6.1.2.1.17.6.1.3.1.1.1)	read-write	Current	Not supported
dot1dPortGarpLeaveTime (1.3.6.1.2.1.17.6.1.3.1.1.2)	read-write	Current	Not supported
dot1dPortGarpLeaveAllTime (1.3.6.1.2.1.17.6.1.3.1.1.3)	read-write	Current	Not supported

## 30.8 dot1dPortGmrpTable

OID of this table is: 1.3.6.1.2.1.17.6.1.4.1

Name	Access	PDS	Description
dot1dPortGmrpStatus (1.3.6.1.2.1.17.6.1.4.1.1.1)	read-write	No	Not supported
dot1dPortGmrpFailedRegistrations (1.3.6.1.2.1.17.6.1.4.1.1.2)	read-only	No	Not supported
dot1dPortGmrpLastPduOrigin (1.3.6.1.2.1.17.6.1.4.1.1.3)	read-only	No	Not supported
dot1dPortRestrictedGroupRegistration (1.3.6.1.2.1.17.6.1.4.1.1.4)	read-write	No	Not supported

# 31 Q-BRIDGE-MIB

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

## 31.1 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

## 31.2 dot1qFdbTable

Information about a specific Filtering Database.

OID of this table is: 1.3.6.1.2.1.17.7.1.2.1

Name	Access	PDS	Description
dot1qFdbId (1.3.6.1.2.1.17.7.1.2.1.1.1)	not-accessible	No	As per MIB
dot1qFdbDynamicCount (1.3.6.1.2.1.17.7.1.2.1.1.2)	read-only	No	As per MIB

## 31.3 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.

## 31.4 dot1qForwardAllTable

A table containing forwarding information for each VLAN, specifying the set of ports to which forwarding of all multicasts applies, configured statically by management or dynamically by GMRP. An entry appears in this table for all VLANs that are currently instantiated.

OID of this table is: 1.3.6.1.2.1.17.7.1.2.4

Name	Access	PDS	Description
dot1qForwardAllPorts (1.3.6.1.2.1.17.7.1.2.4.1.1)	read-only	No	Not supported
dot1qForwardAllStaticPorts (1.3.6.1.2.1.17.7.1.2.4.1.2)	read-write	Current	Not supported
dot1qForwardAllForbiddenPorts (1.3.6.1.2.1.17.7.1.2.4.1.3)	read-write	Current	Not supported

## 31.5 dot1qForwardUnregisteredTable

A table containing forwarding information for each VLAN, specifying the set of ports to which forwarding of multicast group-addressed frames for which no more specific forwarding information applies. This is configured statically by management and determined dynamically by GMRP. An entry appears in this table for all VLANs that are currently instantiated.

OID of this table is: 1.3.6.1.2.1.17.7.1.2.5

Name	Access	PDS	Description
dot1qForwardUnregisteredPorts (1.3.6.1.2.1.17.7.1.2.5.1.1)	read-only	No	Not supported
dot1qForwardUnregisteredStaticPorts (1.3.6.1.2.1.17.7.1.2.5.1.2)	read-write	Current	Not supported
dot1qForwardUnregisteredForbiddenPorts (1.3.6.1.2.1.17.7.1.2.5.1.3)	read-write	Current	Not supported

## 31.6 dot1qStaticUnicastTable

A table containing filtering information for Unicast MAC addresses for each Filtering Database, configured into the device by (local or network) management specifying the set of ports to which frames received from specific ports and containing specific unicast destination addresses are allowed to be forwarded. A value of zero in this table (as the port number from which frames with a specific destination address are received) is used to specify all ports for which there is no specific entry in this table for that particular destination address. Entries are valid for unicast addresses only.

OID of this table is: 1.3.6.1.2.1.17.7.1.3.1

Name	Access	PDS	Description
dot1qStaticUnicastAddress (1.3.6.1.2.1.17.7.1.3.1.1.1)	not-accessible	No	Not supported
dot1qStaticUnicastReceivePort (1.3.6.1.2.1.17.7.1.3.1.1.2)	not-accessible	No	Not supported
dot1qStaticUnicastAllowedToGoT	read-write	Current	Not supported

o (1.3.6.1.2.1.17.7.1.3.1.1.3)			
dot1qStaticUnicastStatus (1.3.6.1.2.1.17.7.1.3.1.1.4)	read-write	Current	Not supported

## 31.7 dot1qStaticMulticastTable

A table containing filtering information for Multicast and Broadcast MAC addresses for each VLAN, configured into the device by (local or network) management specifying the set of ports to which frames received from specific ports and containing specific Multicast and Broadcast destination addresses are allowed to be forwarded. A value of zero in this table (as the port number from which frames with a specific destination address are received) is used to specify all ports for which there is no specific entry in this table for that particular destination address. Entries are valid for Multicast and Broadcast addresses only.

OID of this table is: 1.3.6.1.2.1.17.7.1.3.2

Name	Access	PDS	Description
dot1qStaticMulticastAddress (1.3.6.1.2.1.17.7.1.3.2.1.1)	not-accessible	No	Not supported
dot1qStaticMulticastReceivePort (1.3.6.1.2.1.17.7.1.3.2.1.2)	not-accessible	No	Not supported
dot1qStaticMulticastStaticEgressPorts (1.3.6.1.2.1.17.7.1.3.2.1.3)	read-write	Current	Not supported
dot1qStaticMulticastForbiddenEgressPorts (1.3.6.1.2.1.17.7.1.3.2.1.4)	read-write	Current	Not supported
dot1qStaticMulticastStatus (1.3.6.1.2.1.17.7.1.3.2.1.5)	read-write	Current	Not supported

## 31.8 Scalar objects of dot1qVlan group

OID of this table is: 1.3.6.1.2.1.17.7.1.4

Name	Access	PDS	Description
dot1qVlanNumDeletes (1.3.6.1.2.1.17.7.1.4.1)	read-only	No	Not supported
dot1qNextFreeLocalVlanIndex (1.3.6.1.2.1.17.7.1.4.4)	read-only	No	Not supported
dot1qConstraintSetDefault (1.3.6.1.2.1.17.7.1.4.9)	read-write	Current	Not supported
dot1qConstraintTypeDefault (1.3.6.1.2.1.17.7.1.4.10)	read-write	Current	Only supported read operation.

## 31.9 dot1qVlanCurrentTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.2

Name	Access	PDS	Description
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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
dot1qVlanFdbld (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

## 31.10 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.

## 31.11 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	read-write	No	Only supported read operation.



(1.3.6.1.2.1.17.7.1.4.5.1.2)			
dot1qPortIngressFiltering (1.3.6.1.2.1.17.7.1.4.5.1.3)	read-write	No	Only supported read operation.
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
dot1qPortRestrictedVlanRegistration (1.3.6.1.2.1.17.7.1.4.5.1.7)	read-write	current	Not supported

## 31.12 dot1qPortVlanStatisticsTable

A table containing per-port, per-VLAN statistics for traffic received. Separate objects are provided for both the most-significant and least-significant bits of statistics counters for ports that are associated with this transparent bridge. The most-significant bit objects are only required on high-capacity interfaces, as defined in the conformance clauses for these objects. This mechanism is provided as a way to read 64-bit counters for agents that support only SNMPv1.

OID of this table is: 1.3.6.1.2.1.17.7.1.4.6

Name	Access	PDS	Description
dot1qTpVlanPortInFrames (1.3.6.1.2.1.17.7.1.4.6.1.1)	read-only	No	Not supported
dot1qTpVlanPortOutFrames (1.3.6.1.2.1.17.7.1.4.6.1.2)	read-only	No	Not supported
dot1qTpVlanPortInDiscards (1.3.6.1.2.1.17.7.1.4.6.1.3)	read-only	No	Not supported
dot1qTpVlanPortInOverflowFrames (1.3.6.1.2.1.17.7.1.4.6.1.4)	read-only	No	Not supported
dot1qTpVlanPortOutOverflowFrames (1.3.6.1.2.1.17.7.1.4.6.1.5)	read-only	No	Not supported
dot1qTpVlanPortInOverflowDiscards (1.3.6.1.2.1.17.7.1.4.6.1.6)	read-only	No	Not supported

## 31.13 dot1qPortVlanHCStatisticsTable

A table containing per-port, per-VLAN statistics for traffic on high-capacity interfaces.

OID of this table is: 1.3.6.1.2.1.17.7.1.4.7

Name	Access	PDS	Description
dot1qTpVlanPortHCInFrames (1.3.6.1.2.1.17.7.1.4.7.1.1)	read-only	No	Not supported
dot1qTpVlanPortHCOutFrames (1.3.6.1.2.1.17.7.1.4.7.1.2)	read-only	No	Not supported
dot1qTpVlanPortHCInDiscards	read-only	No	Not supported

(1.3.6.1.2.1.17.7.1.4.7.1.3)			
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## 31.14 dot1qLearningConstraintsTable

The identity of the constraint set to which dot1qConstraintVlan belongs. These values may be chosen by the management station.

OID of this table is: 1.3.6.1.2.1.17.7.1.4.8

Name	Access	PDS	Description
dot1qConstraintVlan (1.3.6.1.2.1.17.7.1.4.8.1.1)	not-accessible	No	Not supported
dot1qConstraintSet (1.3.6.1.2.1.17.7.1.4.8.1.2)	not-accessible	No	Not supported
dot1qConstraintType (1.3.6.1.2.1.17.7.1.4.8.1.3)	read-create	Current	Not supported
dot1qConstraintStatus (1.3.6.1.2.1.17.7.1.4.8.1.4)	read-create	Current	Not supported

## 31.15 dot1vProtocolGroupTable

A table that contains mappings from Protocol Templates to Protocol Group Identifiers used for Port-and-Protocol-based VLAN Classification.

OID of this table is: 1.3.6.1.2.1.17.7.1.5.1

Name	Access	PDS	Description
dot1vProtocolTemplateFrameType (1.3.6.1.2.1.17.7.1.5.1.1.1)	not-accessible	No	Not supported
dot1vProtocolTemplateProtocolValue (1.3.6.1.2.1.17.7.1.5.1.1.2)	not-accessible	No	Not supported
dot1vProtocolGroupId (1.3.6.1.2.1.17.7.1.5.1.1.3)	read-create	Current	Not supported
dot1vProtocolGroupRowStatus (1.3.6.1.2.1.17.7.1.5.1.1.4)	read-create	Current	Not supported

## 31.16 dot1vProtocolPortTable

A table that contains VID sets used for Port-and-Protocol-based VLAN Classification.

OID of this table is: 1.3.6.1.2.1.17.7.1.5.2

Name	Access	PDS	Description
dot1vProtocolPortGroupId (1.3.6.1.2.1.17.7.1.5.2.1.1)	not-accessible	No	Not supported
dot1vProtocolPortGroupVid (1.3.6.1.2.1.17.7.1.5.2.1.2)	read-create	current	Not supported

dot1vProtocolPortRowStatus (1.3.6.1.2.1.17.7.1.5.2.1.3)	read-create	current	Not supported
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## 32 RADIUS-ACC-CLIENT-MIB

### 32.1 Scalar Objects

Name	Access	PDS	Description
radiusAccClientInvalidServerAddresses (1.3.6.1.2.1.67.2.2.1.1.1)	read-only	No	As per MIB
radiusAccClientIdentifier (1.3.6.1.2.1.67.2.2.1.1.2)	read-only	No	As per MIB

### 32.2 radiusAccServerTable

OID of this table is: 1.3.6.1.2.1.67.2.2.1.1.3

Name	Access	PDS	Description
radiusAccServerIndex (1.3.6.1.2.1.67.2.2.1.1.3.1.1)	not-accessible	No	As per MIB
radiusAccServerAddress (1.3.6.1.2.1.67.2.2.1.1.3.1.2)	read-only	Current	As per MIB
radiusAccClientServerPortNumber (1.3.6.1.2.1.67.2.2.1.1.3.1.3)	read-only	Current	As per MIB
radiusAccClientRoundTripTime (1.3.6.1.2.1.67.2.2.1.1.3.1.4)	read-only	No	As per MIB
radiusAccClientRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.5)	read-only	No	As per MIB
radiusAccClientRetransmissions (1.3.6.1.2.1.67.2.2.1.1.3.1.6)	read-only	No	As per MIB
radiusAccClientResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.7)	read-only	No	As per MIB
radiusAccClientMalformedResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.8)	read-only	No	As per MIB
radiusAccClientBadAuthenticators (1.3.6.1.2.1.67.2.2.1.1.3.1.9)	read-only	No	As per MIB
radiusAccClientPendingRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.10)	read-only	No	As per MIB
radiusAccClientTimeouts (1.3.6.1.2.1.67.2.2.1.1.3.1.11)	read-only	No	As per MIB
radiusAccClientUnknownTypes (1.3.6.1.2.1.67.2.2.1.1.3.1.12)	read-only	No	As per MIB
radiusAccClientPacketsDropped (1.3.6.1.2.1.67.2.2.1.1.3.1.13)	read-only	No	As per MIB

# 33 RADIUS-AUTH-CLIENT-MIB

## 33.1 Scalar Objects

Name	Access	PDS	Description
radiusAuthClientInvalidServerAddresses (1.3.6.1.2.1.67.1.2.1.1.1)	read-only	No	As per MIB
radiusAuthClientIdentifier (1.3.6.1.2.1.67.1.2.1.1.2)	read-only	No	As per MIB

## 33.2 radiusAuthServerTable

OID of this table is: 1.3.6.1.2.1.67.1.2.1.1.3

Name	Access	PDS	Description
radiusAuthServerIndex (1.3.6.1.2.1.67.1.2.1.1.3.1.1)	not-accessible	No	As per MIB
radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2)	read-only	No	As per MIB
radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3)	read-only	No	As per MIB
radiusAuthClientRoundTripTime (1.3.6.1.2.1.67.1.2.1.1.3.1.4)	read-only	No	As per MIB
radiusAuthClientAccessRequests (1.3.6.1.2.1.67.1.2.1.1.3.1.5)	read-only	No	As per MIB
radiusAuthClientAccessRetransmissions (1.3.6.1.2.1.67.1.2.1.1.3.1.6)	read-only	No	As per MIB
radiusAuthClientAccessAccepts (1.3.6.1.2.1.67.1.2.1.1.3.1.7)	read-only	No	As per MIB
radiusAuthClientAccessRejects (1.3.6.1.2.1.67.1.2.1.1.3.1.8)	read-only	No	As per MIB
radiusAuthClientAccessChallenges (1.3.6.1.2.1.67.1.2.1.1.3.1.9)	read-only	No	As per MIB
radiusAuthClientMalformedAccessResponses (1.3.6.1.2.1.67.1.2.1.1.3.1.10)	read-only	No	As per MIB
radiusAuthClientBadAuthenticators (1.3.6.1.2.1.67.1.2.1.1.3.1.11)	read-only	No	As per MIB
radiusAuthClientPendingRequests (1.3.6.1.2.1.67.1.2.1.1.3.1.12)	read-only	No	As per MIB
radiusAuthClientTimeouts (1.3.6.1.2.1.67.1.2.1.1.3.1.13)	read-only	No	As per MIB
radiusAuthClientUnknownTypes (1.3.6.1.2.1.67.1.2.1.1.3.1.14)	read-only	No	As per MIB
radiusAuthClientPacketsDropped (1.3.6.1.2.1.67.1.2.1.1.3.1.15)	read-only	No	As per MIB

## 34 RFC1213-MIB

### 34.1 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 S5130S" for H3C S5130S series devices; "H3C S3100V3" for H3C S3100V3 series devices
sysObjectID (1.3.6.1.2.1.1.2)	read-only	No	H3C S5130S sysoid 1, 3, 6, 1, 4, 1, 25506, 1, 1585 (H3C S5130S-28S-EI) 1, 3, 6, 1, 4, 1, 25506, 1, 1586 (H3C S5130S-52S-EI) 1, 3, 6, 1, 4, 1, 25506, 1, 1589 (H3C S5130S-28S-HI) 1, 3, 6, 1, 4, 1, 25506, 1, 1590 (H3C S5130S-52S-HI)
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	"Hewlett Packard Enterprise Development LP" for HP devices The length of value is 1 to 255.
sysName (1.3.6.1.2.1.1.5)	read-write	Current	"HPE" for all HPE 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 ( $2^1(2-1) + 2^1(3-1) + 2^1(4-1) + 2^1(7-1)$ ). 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)

### 34.2 interfaces Group {mib-2.2}

See ifTable in IF-MIB

## 34.3 at Group {mib-2.3}

at (Address Translation) group is fully supported.

### 34.3.1 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

## 34.4 ip Group {mib-2.4}

The following objects will be supported:

### 34.4.1 Scalar Objects

Name	Access	PDS	Description
ipForwarding (1.3.6.1.2.1.4.1)	read-write	Current	Because the L3 switch can not be set to L2 mode via the MIB, so it is a read only object.
ipDefaultTTL (1.3.6.1.2.1.4.2)	read-write	No	Only support read operation
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

## 34.4.2 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

## 34.4.3 ipRouteTable

OID of this table is: 1.3.6.1.2.1.4.21

Name	Access	PDS	Description
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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

## 34.4.4 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.
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

## 34.4.5 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

## 34.4.6 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

## 34.4.7 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	Not supported
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

## 34.4.8 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

## 34.4.9 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).

## 34.4.10 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

## 34.4.11 ipDefaultRouterTable

This table is not supported by S5560X products.

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

## 34.4.12 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	read-create	No	Only support read operation

(1.3.6.1.2.1.4.39.1.9)			
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

## 34.5 icmp Group {mib-2.5}

### 34.5.1 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	read-only	No	Not supported



(1.3.6.1.2.1.5.19)			
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

## 34.5.2 icmpStatsTable

OID of this table is: 1.3.6.1.2.1.5.29

Name	Access	PDS	Description
icmpStatsIPVersion (1.3.6.1.2.1.5.29.1.1)	not-accessible	No	Only support ipv6(2)
icmpStatsInMsgs (1.3.6.1.2.1.5.29.1.2)	read-only	No	As per MIB
icmpStatsInErrors (1.3.6.1.2.1.5.29.1.3)	read-only	No	As per MIB
icmpStatsOutMsgs (1.3.6.1.2.1.5.29.1.4)	read-only	No	As per MIB
icmpStatsOutErrors (1.3.6.1.2.1.5.29.1.5)	read-only	No	The value is always 0.

## 34.5.3 icmpMsgStatsTable

OID of this table is: 1.3.6.1.2.1.5.30

Name	Access	PDS	Description
icmpMsgStatsIPVersion (1.3.6.1.2.1.5.30.1.1)	not-accessible	No	Only support ipv6(2)
icmpMsgStatsType (1.3.6.1.2.1.5.30.1.2)	not-accessible	No	As per MIB
icmpMsgStatsInPkts (1.3.6.1.2.1.5.30.1.3)	read-only	No	As per MIB

icmpMsgStatsOutPkts (1.3.6.1.2.1.5.30.1.4)	read-only	No	As per MIB
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## 34.6 tcp Group {mib-2.6}

tcp Group in RFC1213-MIB is updated by RFC4022-MIB.

### 34.6.1 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

### 34.6.2 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

## 34.7 udp Group {mib-2.7}

udp Group in RFC1213-MIB is updated by RFC4113-MIB.

### 34.7.1 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

### 34.7.2 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

## 34.8 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)

## 35 RIPv2-MIB

### 35.1 rip2Globals objects

OID of this table is: 1.3.6.1.2.1.23.1

Name	Access	PDS	Description
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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

## 35.2 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

## 35.3 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

## 35.4 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

## 36 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.

### 36.1 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 octets.
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 '?'. Default value is zero-length string.
etherStatsStatus (1.3.6.1.2.1.16.1.1.1.21)	read-create	Current	As per MIB

## 36.2 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. Default value is 1800.
historyControlOwner (1.3.6.1.2.1.16.2.1.1.6)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and "?". Default value is zero-length string.
historyControlStatus (1.3.6.1.2.1.16.2.1.1.7)	read-create	Current	As per MIB

## 36.3 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
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## 36.4 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. Default value is 1800.
alarmVariable (1.3.6.1.2.1.16.3.1.1.3)	read-create	Current	As per MIB
alarmSampleType (1.3.6.1.2.1.16.3.1.1.4)	read-create	Current	Default value is absoluteValue(1).
alarmValue (1.3.6.1.2.1.16.3.1.1.5)	read-only	No	If out of the positive range of alarmValue, the alarmValue will change to 2147483647.
alarmStartupAlarm (1.3.6.1.2.1.16.3.1.1.6)	read-create	Current	Default value is risingOrFallingAlarm(3).
alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7)	read-create	Current	Default value is 1.
alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8)	read-create	Current	Default value is 0.
alarmRisingEventIndex (1.3.6.1.2.1.16.3.1.1.9)	read-create	Current	Default value is 0.
alarmFallingEventIndex (1.3.6.1.2.1.16.3.1.1.10)	read-create	Current	Default value is 0.
alarmOwner (1.3.6.1.2.1.16.3.1.1.11)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'. Default value is zero-length string.
alarmStatus (1.3.6.1.2.1.16.3.1.1.12)	read-create	Current	As per MIB

## 36.5 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	Default value is zero-length string.
eventType (1.3.6.1.2.1.16.9.1.1.3)	read-create	Current	Default value is none(1).
eventCommunity (1.3.6.1.2.1.16.9.1.1.4)	read-create	Current	Not supported. The value of eventCommunity will be saved but take no effect.
eventLastTimeSent (1.3.6.1.2.1.16.9.1.1.5)	read-only	No	As per MIB
eventOwner (1.3.6.1.2.1.16.9.1.1.6)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'. Default value is zero-length string.
eventStatus (1.3.6.1.2.1.16.9.1.1.7)	read-create	Current	As per MIB

## 36.6 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

## 37 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.

### 37.1 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	not-accessible	Current	As per MIB

(1.3.6.1.2.1.16.18.1.1.1)			
usrHistoryControlObjects (1.3.6.1.2.1.16.18.1.1.2)	read-create	Current	Range from 1 to 30. Default value is 1.
usrHistoryControlBucketsRequested (1.3.6.1.2.1.16.18.1.1.3)	read-create	Current	usrHistoryControlBucketsRequested only supports 255 buckets at maximum currently, If a value more than 255 is set, the system will return success, but the historyControlBucketGranted will be assigned to 255 as for implementation.
usrHistoryControlBucketsGranted (1.3.6.1.2.1.16.18.1.1.4)	read-only	No	As per MIB
usrHistoryControlInterval (1.3.6.1.2.1.16.18.1.1.5)	read-create	Current	Range from 1 to 4294967.
usrHistoryControlOwner (1.3.6.1.2.1.16.18.1.1.6)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and "?". Default value is zero-length string.
usrHistoryControlStatus (1.3.6.1.2.1.16.18.1.1.7)	read-create	Current	When new row created, only createAndWait(5) can be set.

## 37.2 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

## 37.3 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

## 37.4 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.

## 38 SFLOW-MIB

### 38.1 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

### 38.2 sFlowRcvrTable

OID of this table is: 1.3.6.1.4.1.14706.1.1.4

Name	Access	PDS	Description
sFlowRcvrIndex	not-accessible	Current	Range from 1 to 10.

(1.3.6.1.4.1.14706.1.1.4.1.1)			
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.

## 38.3 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	Range from 1 to 4
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.

## 38.4 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	Range from 1 to 4

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.

## 39 SNMP-FRAMEWORK-MIB

### 39.1 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

### 39.2 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.

### 39.3 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 reaches its maximum value then the snmpEngineBoots increments 1.

## 40 SNMP-MPD-MIB

### 40.1 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

## 41 SNMP-NOTIFICATION-MIB

### 41.1 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

### 41.2 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

## 41.3 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

## 42 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 snmpUDPDDomain.
- 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.



## 42.1 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

## 42.2 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 snmpUDPDDomain
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

## 42.3 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  
4 (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.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.5
4 (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.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.4
6.55.54 (integer) 1

12:
snmpTargetParamsSecurityName.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.4
6.55.54 (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.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.5
5.54 (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".

## 43 SNMP-USER-BASED-SM-MIB

### 43.1 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

## 43.2 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

## 43.3 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

## 44 SNMP-VIEW-BASED-ACM-MIB

### 44.1 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	As per MIB

### 44.2 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	read-create	No	As per MIB

(1.3.6.1.6.3.16.1.2.1.5)			
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## 44.3 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

## 44.4 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

## 44.5 vacmViewTreeFamilyTable vacmMIBViews group

of

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

## 45 SNMPv2-MIB

### 45.1 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

### 45.2 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

# 46 TCP-MIB

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

TCP Group{mib-2.6}

## 46.1 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

## 46.2 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



## 46.3 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

## 46.4 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

# 47 TE-MIB

## 47.1 scalar objects of telInfo

OID of this table is: 1.3.6.1.2.1.122.1.1

Name	Access	PDS	Description
teDisProtocol (1.3.6.1.2.1.122.1.1.1)	read-only	Current	As per MIB
teSignalingProto (1.3.6.1.2.1.122.1.1.2)	read-only	Current	As per MIB

teNotificationEnable (1.3.6.1.2.1.122.1.1.3)	read-write	Current	As per MIB
teNextTunnelIndex (1.3.6.1.2.1.122.1.1.4)	read-only	Current	As per MIB
teNextPathHopIndex (1.3.6.1.2.1.122.1.1.5)	read-only	Current	As per MIB
teConfiguredTunnels (1.3.6.1.2.1.122.1.1.6)	read-only	Current	As per MIB
teActiveTunnels (1.3.6.1.2.1.122.1.1.7)	read-only	Current	As per MIB
tePrimaryTunnels (1.3.6.1.2.1.122.1.1.8)	read-only	Current	As per MIB

## 47.2 teAdminGroupTable

OID of this table is: 1.3.6.1.2.1.122.1.1.9

Name	Access	PDS	Description
teAdminGroupNumber (1.3.6.1.2.1.122.1.1.9.1.1)	not-accessible	No	Not supported
teAdminGroupName (1.3.6.1.2.1.122.1.1.9.1.2)	read-create	Current	Not supported
teAdminGroupRowStatus (1.3.6.1.2.1.122.1.1.9.1.3)	read-create	Current	Not supported

## 47.3 teTunnelTable

OID of this table is: 1.3.6.1.2.1.122.1.2

Name	Access	PDS	Description
teTunnelIndex (1.3.6.1.2.1.122.1.2.1.1)	not-accessible	No	As per MIB
teTunnelName (1.3.6.1.2.1.122.1.2.1.2)	read-create	Current	As per MIB
teTunnelNextPathIndex (1.3.6.1.2.1.122.1.2.1.3)	read-only	Current	As per MIB
teTunnelRowStatus (1.3.6.1.2.1.122.1.2.1.4)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
teTunnelStorageType (1.3.6.1.2.1.122.1.2.1.5)	read-create	Current	Not supported. The value is always nonvolatile(3)
teTunnelSourceAddressType (1.3.6.1.2.1.122.1.2.1.6)	read-create	Current	Only support ipv4(1)
teTunnelSourceAddress (1.3.6.1.2.1.122.1.2.1.7)	read-create	Current	Only support read operation
teTunnelDestinationAddressType (1.3.6.1.2.1.122.1.2.1.8)	read-create	Current	Only support ipv4(1)

teTunnelDestinationAddress (1.3.6.1.2.1.122.1.2.1.9)	read-create	Current	As per MIB
teTunnelState (1.3.6.1.2.1.122.1.2.1.10)	read-only	Current	Only support up(2), down(3)
teTunnelDiscontinuityTimer (1.3.6.1.2.1.122.1.2.1.11)	read-only	No	Not supported. The value is always 0
teTunnelOctets (1.3.6.1.2.1.122.1.2.1.12)	read-only	No	Not supported. The value is always 0
teTunnelPackets (1.3.6.1.2.1.122.1.2.1.13)	read-only	No	Not supported. The value is always 0
teTunnelLPOctets (1.3.6.1.2.1.122.1.2.1.14)	read-only	No	Not supported. The value is always 0
teTunnelLPPackets (1.3.6.1.2.1.122.1.2.1.15)	read-only	No	Not supported. The value is always 0
teTunnelAge (1.3.6.1.2.1.122.1.2.1.16)	read-only	No	As per MIB
teTunnelTimeUp (1.3.6.1.2.1.122.1.2.1.17)	read-only	No	As per MIB
teTunnelPrimaryTimeUp (1.3.6.1.2.1.122.1.2.1.18)	read-only	No	As per MIB
teTunnelTransitions (1.3.6.1.2.1.122.1.2.1.19)	read-only	No	As per MIB
teTunnelLastTransition (1.3.6.1.2.1.122.1.2.1.20)	read-only	No	As per MIB
teTunnelPathChanges (1.3.6.1.2.1.122.1.2.1.21)	read-only	No	As per MIB
teTunnelLastPathChange (1.3.6.1.2.1.122.1.2.1.22)	read-only	No	As per MIB
teTunnelConfiguredPaths (1.3.6.1.2.1.122.1.2.1.23)	read-only	Current	As per MIB
teTunnelStandbyPaths (1.3.6.1.2.1.122.1.2.1.24)	read-only	Current	As per MIB
teTunnelOperationalPaths (1.3.6.1.2.1.122.1.2.1.25)	read-only	Current	As per MIB

## 47.4 tePathTable

OID of this table is: 1.3.6.1.2.1.122.1.3

Name	Access	PDS	Description
tePathIndex (1.3.6.1.2.1.122.1.3.1.1)	not-accessible	No	As per MIB
tePathName (1.3.6.1.2.1.122.1.3.1.2)	read-create	Current	Only support read operation
tePathRowStatus (1.3.6.1.2.1.122.1.3.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
tePathStorageType	read-create	Current	Not supported. The value is

(1.3.6.1.2.1.122.1.3.1.4)			always nonvolatile(3)
tePathType (1.3.6.1.2.1.122.1.3.1.5)	read-create	Current	Only support primary(2), standby(3)
tePathConfiguredRoute (1.3.6.1.2.1.122.1.3.1.6)	read-create	Current	As per MIB
tePathBandwidth (1.3.6.1.2.1.122.1.3.1.7)	read-create	Current	Only support read operation
tePathIncludeAny (1.3.6.1.2.1.122.1.3.1.8)	read-create	Current	Not supported
tePathIncludeAll (1.3.6.1.2.1.122.1.3.1.9)	read-create	Current	Not supported
tePathExclude (1.3.6.1.2.1.122.1.3.1.10)	read-create	Current	Not supported
tePathSetupPriority (1.3.6.1.2.1.122.1.3.1.11)	read-create	Current	Not supported
tePathHoldPriority (1.3.6.1.2.1.122.1.3.1.12)	read-create	Current	Not supported
tePathProperties (1.3.6.1.2.1.122.1.3.1.13)	read-create	Current	Not supported
tePathOperStatus (1.3.6.1.2.1.122.1.3.1.14)	read-only	Current	Only support down(1), dormant(3), operational(5)
tePathAdminStatus (1.3.6.1.2.1.122.1.3.1.15)	read-create	Current	Not supported. The value is always normal(1).
tePathComputedRoute (1.3.6.1.2.1.122.1.3.1.16)	read-only	No	As per MIB
tePathRecordedRoute (1.3.6.1.2.1.122.1.3.1.17)	read-only	No	As per MIB

## 47.5 tePathHopTable

OID of this table is: 1.3.6.1.2.1.122.1.4

Name	Access	PDS	Description
teHopListIndex (1.3.6.1.2.1.122.1.4.1.1)	not-accessible	No	As per MIB
tePathHopIndex (1.3.6.1.2.1.122.1.4.1.2)	not-accessible	No	As per MIB
tePathHopRowStatus (1.3.6.1.2.1.122.1.4.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
tePathHopStorageType (1.3.6.1.2.1.122.1.4.1.4)	read-create	Current	Not supported. The value is always nonvolatile(3)
tePathHopAddrType (1.3.6.1.2.1.122.1.4.1.5)	read-create	Current	Only support ipv4(1)
tePathHopAddress (1.3.6.1.2.1.122.1.4.1.6)	read-create	Current	As per MIB
tePathHopType (1.3.6.1.2.1.122.1.4.1.7)	read-only	Current	As per MIB

# 48 UDP-MIB

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

UDP Group{mib-2.7}

## 48.1 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

## 48.2 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

## 48.3 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

## 49 HH3C-ACL-MIB

### 49.1 hh3cAcI Mib2NodesGroup

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.1.1

Name	Access	PDS	Description
hh3cAcI Mib2Mode (1.3.6.1.4.1.25506.2.8.2.1.1.1)	read-write	No	Not supported
hh3cAcI Mib2Version (1.3.6.1.4.1.25506.2.8.2.1.1.2)	read-only	No	Not supported
hh3cAcI Mib2ObjectsCapabilities (1.3.6.1.4.1.25506.2.8.2.1.1.3)	read-only	No	As per MIB
hh3cAcI Mib2ProcessingStatus (1.3.6.1.4.1.25506.2.8.2.1.1.4)	read-only	No	As per MIB

### 49.2 hh3cAcI Mib2CapabilityTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.1.2

Name	Access	PDS	Description
hh3cAcI Mib2EntityType (1.3.6.1.4.1.25506.2.8.2.1.2.1.1)	not-accessible	No	As per MIB
hh3cAcI Mib2EntityIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.2)	not-accessible	No	As per MIB
hh3cAcI Mib2ModuleIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.3)	not-accessible	No	As per MIB
hh3cAcI Mib2CharacteristicsIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.4)	not-accessible	No	As per MIB
hh3cAcI Mib2CharacteristicsDesc (1.3.6.1.4.1.25506.2.8.2.1.2.1.5)	read-only	No	As per MIB
hh3cAcI Mib2CharacteristicsValue (1.3.6.1.4.1.25506.2.8.2.1.2.1.6)	read-only	No	As per MIB

### 49.3 hh3cAcI NumberGroupTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.1.3

Name	Access	PDS	Description
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hh3cAcINumberGroupType (1.3.6.1.4.1.25506.2.8.2.1.3.1.1)	not-accessible	Current	Only support ipv4(1), ipv6(2), mac(3).
hh3cAcINumberGroupIndex (1.3.6.1.4.1.25506.2.8.2.1.3.1.2)	not-accessible	Current	Support 2000 to 3999 by ipv4. Support 2000 to 3999 by ipv6. Support 4000 to 4999 by mac.
hh3cAcINumberGroupRowStatus (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)
hh3cAcINumberGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.3.1.4)	read-create	Current	As per MIB
hh3cAcINumberGroupStep (1.3.6.1.4.1.25506.2.8.2.1.3.1.5)	read-create	Current	As per MIB
hh3cAcINumberGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.3.1.6)	read-create	Current	As per MIB
hh3cAcINumberGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.3.1.7)	read-write	No	As per MIB
hh3cAcINumberGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.3.1.8)	read-only	Current	As per MIB
hh3cAcINumberGroupName (1.3.6.1.4.1.25506.2.8.2.1.3.1.9)	read-create	Current	As per MIB

## 49.4 hh3cAcINamedGroupTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.1.4

Name	Access	PDS	Description
hh3cAcINamedGroupName (1.3.6.1.4.1.25506.2.8.2.1.4.1.1)	not-accessible	Current	As per MIB
hh3cAcINamedGroupRowStatus (1.3.6.1.4.1.25506.2.8.2.1.4.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcINamedGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.4.1.3)	read-create	Current	As per MIB
hh3cAcINamedGroupStep (1.3.6.1.4.1.25506.2.8.2.1.4.1.4)	read-create	Current	As per MIB
hh3cAcINamedGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.4.1.5)	read-create	Current	As per MIB
hh3cAcINamedGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.4.1.6)	read-write	Current	As per MIB
hh3cAcINamedGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.4.1.7)	read-only	Current	As per MIB

## 49.5 hh3cAcIIPAcIBasicTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.2.2

Notes:

If a rule will be created, hh3cAcIIPAcIBasicRowStatus must be 4 and the rule number does not exist.

If the node hh3cAcIIPAcIBasicSrcAny is set and the value of hh3cAcIIPAcIBasicSrcAny is true, the set operation of hh3cAcIIPAcIBasicSrcAddrType, hh3cAcIIPAcIBasicSrcAddr, hh3cAcIIPAcIBasicSrcPrefix or hh3cAcIIPAcIBasicSrcWild does not be executed. when the node hh3cAcIIPAcIBasicSrcAny is not set, If the node hh3cAcIIPAcIBasicSrcAddrType is set and the value of hh3cAcIIPAcIBasicSrcAddrType is 1, hh3cAcIIPAcIBasicSrcAddr and hh3cAcIIPAcIBasicSrcWild must be set correctly and the set operation of node hh3cAcIIPAcIBasicSrcPrefix is forbidden; If the node hh3cAcIIPAcIBasicSrcAddrType is set and the value of hh3cAcIIPAcIBasicSrcAddrType is 2, hh3cAcIIPAcIBasicSrcAddr and hh3cAcIIPAcIBasicSrcPrefix must be set correctly and the set operation of node hh3cAcIIPAcIBasicSrcWild is forbidden. The value of hh3cAcIIPAcIBasicSrcAddrType is 1 or 2 now.

The value of hh3cAcIIPAcIBasicFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAcIIPAcIBasicComment can not be modified now.

If destroy operation is executed, hh3cAcIIPAcIBasicRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAcIIPAcIBasicRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.1.1)	not-accessible	Current	As per MIB
hh3cAcIIPAcIBasicRowStatus (1.3.6.1.4.1.25506.2.8.2.2.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcIIPAcIBasicAct (1.3.6.1.4.1.25506.2.8.2.2.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAcIIPAcIBasicSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.1.4)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.1.5)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.1.6)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicSrcAny (1.3.6.1.4.1.25506.2.8.2.2.1.7)	read-create	Current	The default value is true(1).
hh3cAcIIPAcIBasicSrcWild (1.3.6.1.4.1.25506.2.8.2.2.1.8)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.1.9)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.1.10)	read-create	Current	Support 0 and 2
hh3cAcIIPAcIBasicLog (1.3.6.1.4.1.25506.2.8.2.2.1.11)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicCount (1.3.6.1.4.1.25506.2.8.2.2.1.12)	read-only	No	As per MIB
hh3cAcIIPAcIBasicCountClear (1.3.6.1.4.1.25506.2.8.2.2.1.13)	read-write	No	Not supported
hh3cAcIIPAcIBasicEnable (1.3.6.1.4.1.25506.2.8.2.2.1.14)	read-only	No	As per MIB
hh3cAcIIPAcIBasicVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.1.15)	read-create	Current	As per MIB
hh3cAcIIPAcIBasicComment (1.3.6.1.4.1.25506.2.8.2.2.1.16)	read-create	current	Only support read and write operation.
hh3cAcIIPAcIBasicCounting	read-create	current	As per MIB



(1.3.6.1.4.1.25506.2.8.2.2.1.17)			
hh3cAcIIPAcIBasicRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.1.18)	read-create	current	As per MIB
hh3cAcIIPAcIBasicRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.1.19)	read-create	current	As per MIB

## 49.6 hh3cAcIIPAcIAdvancedTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.2.3

Notes:

If a rule will be created, hh3cAcIIPAcIAdvancedRowStatus must be 4 and the rule number does not exist.

When the value of hh3cAcIIPAcIAdvancedProtocol is udp or tcp, hh3cAcIIPAcIAdvancedSrcOp, hh3cAcIIPAcIAdvancedSrcPort1 and hh3cAcIIPAcIAdvancedSrcPort2 can be set;

The value of hh3cAcIIPAcIAdvancedDestAddrType and hh3cAcIIPAcIAdvancedSrcAddrType is 1 or 2.

When the value of hh3cAcIIPAcIAdvancedProtocol is ICMP or ICMPV6, hh3cAcIIPAcIAdvancedIcmpType and hh3cAcIIPAcIAdvancedIcmpCode can be set, otherwise it can not.

If the node hh3cAcIIPAcIAdvancedSrcAny is set and the value of hh3cAcIIPAcIAdvancedSrcAny is true, the set operation of hh3cAcIIPAcIAdvancedSrcAddrType, hh3cAcIIPAcIAdvancedSrcAddr, hh3cAcIIPAcIAdvancedSrcPrefix, or hh3cAcIIPAcIAdvancedSrcWild does not be executed. when the node hh3cAcIIPAcIAdvancedSrcAny is not set, If the node hh3cAcIIPAcIAdvancedSrcAddrType is set and the value of hh3cAcIIPAcIAdvancedSrcAddrType is 1, hh3cAcIIPAcIAdvancedSrcAddr and hh3cAcIIPAcIAdvancedSrcWild must be set correctly and the set operation of node hh3cAcIIPAcIAdvancedSrcPrefix is forbidden; If the node hh3cAcIIPAcIAdvancedSrcAddrType is set and the value of hh3cAcIIPAcIAdvancedSrcAddrType is 2, hh3cAcIIPAcIAdvancedSrcAddr and hh3cAcIIPAcIAdvancedSrcPrefix must be set correctly and the set operation of node hh3cAcIIPAcIAdvancedSrcWild is forbidden. The value of hh3cAcIIPAcIAdvancedSrcAddrType is 1 or 2 now. So do hh3cAcIIPAcIAdvancedDestAddrType, hh3cAcIIPAcIAdvancedDestAddr, hh3cAcIIPAcIAdvancedDestPrefix, hh3cAcIIPAcIAdvancedDestAny and hh3cAcIIPAcIAdvancedDestWild.

The value of hh3cAcIIPAcIAdvancedFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAcIIPAcIAdvancedComment can not be modified now.

If destroy operation is executed, hh3cAcIIPAcIAdvancedRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAcIIPAcIAdvancedRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.3.1.1)	not-accessible	Current	As per MIB
hh3cAcIIPAcIAdvancedRowStatus (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)
hh3cAcIIPAcIAdvancedAct (1.3.6.1.4.1.25506.2.8.2.2.3.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAcIIPAcIAdvancedProtocol (1.3.6.1.4.1.25506.2.8.2.2.3.1.4)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedAddrFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.5)	read-create	Current	Not supported
hh3cAcIIPAcIAdvancedSrcAddrType	read-create	Current	As per MIB

(1.3.6.1.4.1.25506.2.8.2.2.3.1.6)			
hh3cAcIIPAcIAdvancedSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.3.1.7)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.8)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedSrcAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.9)	read-create	Current	The default value is true(1).
hh3cAcIIPAcIAdvancedSrcWild (1.3.6.1.4.1.25506.2.8.2.2.3.1.10)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedSrcOp (1.3.6.1.4.1.25506.2.8.2.2.3.1.11)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedSrcPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.12)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedSrcPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.13)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestAddrT ype (1.3.6.1.4.1.25506.2.8.2.2.3.1.14)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestAddr (1.3.6.1.4.1.25506.2.8.2.2.3.1.15)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.16)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.17)	read-create	Current	The default value is true(1)
hh3cAcIIPAcIAdvancedDestWild (1.3.6.1.4.1.25506.2.8.2.2.3.1.18)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestOp (1.3.6.1.4.1.25506.2.8.2.2.3.1.19)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.20)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDestPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.21)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedIcmpType (1.3.6.1.4.1.25506.2.8.2.2.3.1.22)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedIcmpCode (1.3.6.1.4.1.25506.2.8.2.2.3.1.23)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedPrecedenc e (1.3.6.1.4.1.25506.2.8.2.2.3.1.24)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTos (1.3.6.1.4.1.25506.2.8.2.2.3.1.25)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedDscp (1.3.6.1.4.1.25506.2.8.2.2.3.1.26)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTimeRang eName (1.3.6.1.4.1.25506.2.8.2.2.3.1.27)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTCPFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.28)	read-create	Current	As per MIB

hh3cAcIIPAcIAdvancedFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.29)	read-create	Current	Support 0 and 2
hh3cAcIIPAcIAdvancedLog (1.3.6.1.4.1.25506.2.8.2.2.3.1.30)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedCount (1.3.6.1.4.1.25506.2.8.2.2.3.1.31)	read-only	No	As per MIB
hh3cAcIIPAcIAdvancedCountClear (1.3.6.1.4.1.25506.2.8.2.2.3.1.32)	read-write	No	Not supported
hh3cAcIIPAcIAdvancedEnable (1.3.6.1.4.1.25506.2.8.2.2.3.1.33)	read-only	No	As per MIB
hh3cAcIIPAcIAdvancedVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.3.1.34)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedComment (1.3.6.1.4.1.25506.2.8.2.2.3.1.35)	read-create	Current	Only support read and write operation.
hh3cAcIIPAcIAdvancedReflective (1.3.6.1.4.1.25506.2.8.2.2.3.1.36)	read-create	Current	Not supported
hh3cAcIIPAcIAdvancedCounting (1.3.6.1.4.1.25506.2.8.2.2.3.1.37)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTCPFlagMask (1.3.6.1.4.1.25506.2.8.2.2.3.1.38)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTCPFlagValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.39)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.40)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.41)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedFlowLabel (1.3.6.1.4.1.25506.2.8.2.2.3.1.42)	read-create	Current	The default value is 0.

## 49.7 hh3cAcIIPAcINamedBscTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.2.4

Notes:

If a rule will be created, hh3cAcIIPAcINamedBscRowStatus must be 4 and the rule name does not exist.

If the node hh3cAcIIPAcINamedBscSrcAny is set and the value of hh3cAcIIPAcINamedBscSrcAny is true, the set operation of hh3cAcIIPAcINamedBscSrcAddrType, hh3cAcIIPAcINamedBscSrcAddr, hh3cAcIIPAcINamedBscSrcPrefix or hh3cAcIIPAcINamedBscSrcWild does not be executed. when the node hh3cAcIIPAcINamedBscSrcAny is not set, If the node hh3cAcIIPAcINamedBscSrcAddrType is set and the value of hh3cAcIIPAcINamedBscSrcAddrType is 1, hh3cAcIIPAcINamedBscSrcAddr and hh3cAcIIPAcINamedBscSrcWild must be set correctly and the set operation of node hh3cAcIIPAcINamedBscSrcPrefix is forbidden; If the node hh3cAcIIPAcINamedBscSrcAddrType is set and the value of hh3cAcIIPAcINamedBscSrcAddrType is 2, hh3cAcIIPAcINamedBscSrcAddr and

hh3cAcIIPAcINamedBscSrcPrefix must be set correctly and the set operation of node hh3cAcIIPAcINamedBscSrcWild is forbidden. The value of hh3cAcIIPAcINamedBscSrcAddrType is 1 or 2 now.

The value of hh3cAcIIPAcINamedBscFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAcIIPAcINamedBscComment can not be modified now.

If destroy operation is executed, hh3cAcIIPAcINamedBscRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAcIIPAcINamedBscRowStatus (1.3.6.1.4.1.25506.2.8.2.2.4.1.1)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcIIPAcINamedBscAct (1.3.6.1.4.1.25506.2.8.2.2.4.1.2)	read-create	Current	Only support permit(2),deny(3)
hh3cAcIIPAcINamedBscSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.4.1.3)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.4.1.4)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.4.1.5)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscSrcAny (1.3.6.1.4.1.25506.2.8.2.2.4.1.6)	read-create	Current	The default value is true(1).
hh3cAcIIPAcINamedBscSrcWild (1.3.6.1.4.1.25506.2.8.2.2.4.1.7)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.4.1.8)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.4.1.9)	read-create	Current	Support 0 and 2
hh3cAcIIPAcINamedBscLog (1.3.6.1.4.1.25506.2.8.2.2.4.1.10)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscCount (1.3.6.1.4.1.25506.2.8.2.2.4.1.11)	read-only	No	As per MIB
hh3cAcIIPAcINamedBscCountClear (1.3.6.1.4.1.25506.2.8.2.2.4.1.12)	read-write	No	Not supported
hh3cAcIIPAcINamedBscEnable (1.3.6.1.4.1.25506.2.8.2.2.4.1.13)	read-only	No	As per MIB
hh3cAcIIPAcINamedBscVpnInstName (1.3.6.1.4.1.25506.2.8.2.2.4.1.14)	read-only	Current	As per MIB
hh3cAcIIPAcINamedBscComment (1.3.6.1.4.1.25506.2.8.2.2.4.1.15)	read-create	Current	Only support read and write operation.
hh3cAcIIPAcINamedBscCounting (1.3.6.1.4.1.25506.2.8.2.2.4.1.16)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.4.1.17)	read-create	Current	As per MIB
hh3cAcIIPAcINamedBscRouteType	read-create	Current	As per MIB

eValue (1.3.6.1.4.1.25506.2.8.2.2.4.1.18)			
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## 49.8 hh3cAcIIPAcINamedAdvTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.2.5

Notes:

If a rule will be created, hh3cAcIIPAcINamedAdvRowStatus must be 4 and the rule number does not exist.

When the value of hh3cAcIIPAcINamedAdvProtocol is udp or tcp, hh3cAcIIPAcINamedAdvSrcOp, hh3cAcIIPAcINamedAdvSrcPort1 and hh3cAcIIPAcINamedAdvSrcPort2 can be set;

The value of hh3cAcIIPAcINamedAdvDstAddrType and hh3cAcIIPAcINamedAdvSrcAddrType is 1 or 2.

When the value of hh3cAcIIPAcINamedAdvProtocol is ICMP or ICMPV6, hh3cAcIIPAcINamedAdvIcmpType and hh3cAcIIPAcINamedAdvIcmpCode can be set, otherwise it can not.

If the node hh3cAcIIPAcINamedAdvSrcAny is set and the value of hh3cAcIIPAcINamedAdvSrcAny is true, the set operation of hh3cAcIIPAcINamedAdvSrcAddrType, hh3cAcIIPAcINamedAdvSrcAddr, hh3cAcIIPAcINamedAdvSrcPrefix, or hh3cAcIIPAcINamedAdvSrcWild does not be executed. when the node hh3cAcIIPAcINamedAdvSrcAny is not set, If the node hh3cAcIIPAcINamedAdvSrcAddrType is set and the value of hh3cAcIIPAcINamedAdvSrcAddrType is 1, hh3cAcIIPAcINamedAdvSrcAddr and hh3cAcIIPAcINamedAdvSrcWild must be set correctly and the set operation of node hh3cAcIIPAcINamedAdvSrcPrefix is forbidden; If the node hh3cAcIIPAcINamedAdvSrcAddrType is set and the value of hh3cAcIIPAcINamedAdvSrcAddrType is 2, hh3cAcIIPAcINamedAdvSrcAddr and hh3cAcIIPAcINamedAdvSrcPrefix must be set correctly and the set operation of node hh3cAcIIPAcINamedAdvSrcWild is forbidden. The value of hh3cAcIIPAcINamedAdvSrcAddrType is 1 or 2 now. So do hh3cAcIIPAcINamedAdvDstAddrType, hh3cAcIIPAcINamedAdvDstAddr, hh3cAcIIPAcINamedAdvDstPrefix, hh3cAcIIPAcINamedAdvDstAny and hh3cAcIIPAcINamedAdvDstWild.

The value of hh3cAcIIPAcINamedAdvFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAcIIPAcINamedAdvComment can not be modified now.

If destroy operation is executed, hh3cAcIIPAcINamedAdvRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAcIIPAcINamedAdvRowStatus (1.3.6.1.4.1.25506.2.8.2.2.5.1.1)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcIIPAcINamedAdvAct (1.3.6.1.4.1.25506.2.8.2.2.5.1.2)	read-create	Current	Only support permit(2),deny(3)
hh3cAcIIPAcINamedAdvProtocol (1.3.6.1.4.1.25506.2.8.2.2.5.1.3)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvAddrFlag (1.3.6.1.4.1.25506.2.8.2.2.5.1.4)	read-create	Current	Not supported
hh3cAcIIPAcINamedAdvSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.5.1.5)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.5.1.6)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.5.1.7)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcAny	read-create	Current	The default value is true(1).

(1.3.6.1.4.1.25506.2.8.2.2.5.1.8)			
hh3cAcIIPAcINamedAdvSrcWild (1.3.6.1.4.1.25506.2.8.2.2.5.1.9)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcOp (1.3.6.1.4.1.25506.2.8.2.2.5.1.10)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcPort1 (1.3.6.1.4.1.25506.2.8.2.2.5.1.11)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvSrcPort2 (1.3.6.1.4.1.25506.2.8.2.2.5.1.12)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstAddrType (1.3.6.1.4.1.25506.2.8.2.2.5.1.13)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstAddr (1.3.6.1.4.1.25506.2.8.2.2.5.1.14)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstPrefix (1.3.6.1.4.1.25506.2.8.2.2.5.1.15)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstAny (1.3.6.1.4.1.25506.2.8.2.2.5.1.16)	read-create	Current	The default value is true(1)
hh3cAcIIPAcINamedAdvDstWild (1.3.6.1.4.1.25506.2.8.2.2.5.1.17)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstOp (1.3.6.1.4.1.25506.2.8.2.2.5.1.18)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstPort1 (1.3.6.1.4.1.25506.2.8.2.2.5.1.19)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDstPort2 (1.3.6.1.4.1.25506.2.8.2.2.5.1.20)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvIcmpType (1.3.6.1.4.1.25506.2.8.2.2.5.1.21)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvIcmpCode (1.3.6.1.4.1.25506.2.8.2.2.5.1.22)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvPrecedence (1.3.6.1.4.1.25506.2.8.2.2.5.1.23)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvTos (1.3.6.1.4.1.25506.2.8.2.2.5.1.24)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvDscp (1.3.6.1.4.1.25506.2.8.2.2.5.1.25)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.5.1.26)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvTCPFlag (1.3.6.1.4.1.25506.2.8.2.2.5.1.27)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.5.1.28)	read-create	Current	Support 0 and 2
hh3cAcIIPAcINamedAdvLog (1.3.6.1.4.1.25506.2.8.2.2.5.1.29)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvCount (1.3.6.1.4.1.25506.2.8.2.2.5.1.30)	read-only	No	As per MIB

hh3cAcIIPAcINamedAdvCountClear (1.3.6.1.4.1.25506.2.8.2.2.5.1.31)	read-write	No	Not supported
hh3cAcIIPAcINamedAdvEnable (1.3.6.1.4.1.25506.2.8.2.2.5.1.32)	read-only	No	As per MIB
hh3cAcIIPAcINamedAdvVpnInstName (1.3.6.1.4.1.25506.2.8.2.2.5.1.33)	read-only	Current	As per MIB
hh3cAcIIPAcINamedAdvComment (1.3.6.1.4.1.25506.2.8.2.2.5.1.34)	read-create	Current	Only support read and write operation.
hh3cAcIIPAcINamedAdvReflective (1.3.6.1.4.1.25506.2.8.2.2.5.1.35)	read-create	Current	Not supported
hh3cAcIIPAcINamedAdvCounting (1.3.6.1.4.1.25506.2.8.2.2.5.1.36)	read-only	Current	As per MIB
hh3cAcIIPAcINamedAdvTCPFlagMask (1.3.6.1.4.1.25506.2.8.2.2.5.1.37)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvTCPFlagValue (1.3.6.1.4.1.25506.2.8.2.2.5.1.38)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvRouteTypeAny (1.3.6.1.4.1.25506.2.8.2.2.5.1.39)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvRouteTypeValue (1.3.6.1.4.1.25506.2.8.2.2.5.1.40)	read-create	Current	As per MIB
hh3cAcIIPAcINamedAdvFlowLabel (1.3.6.1.4.1.25506.2.8.2.2.5.1.41)	read-create	Current	The default value is 0.

## 49.9 hh3cAcIMACTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.3.1

Notes:

If a rule will be created, hh3cAcIMACRowStatus must be 4 and the rule number does not exist.

The set of hh3cAcIMACAct is required when a rule is created.

hh3cAcIMACTypeCode and hh3cAcIMACTypeMask must be set together.

hh3cAcIMACSrcMac and hh3cAcIMACSrcMacWild must be set together.

hh3cAcIMACDestMac and hh3cAcIMACDestMacWild must be set together.

hh3cAcIMACLSapCode and hh3cAcIMACLSapMask must be set together.

If hh3cAcIMACTypeCode or hh3cAcIMACTypeMask is set, hh3cAcIMACLSapCode or hh3cAcIMACLSapMask must be not set.

If hh3cAcIMACLSapCode or hh3cAcIMACLSapMask is set, hh3cAcIMACTypeCode or hh3cAcIMACTypeMask must be not set.

All the objects in the table except hh3cAcIMACComment can not be modified now.

Name	Access	PDS	Description
hh3cAcIMACRuleIndex (1.3.6.1.4.1.25506.2.8.2.3.1.1.1)	not-accessible	Current	As per MIB
hh3cAcIMACRowStatus (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)
hh3cAcIMACAct (1.3.6.1.4.1.25506.2.8.2.3.1.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAcIMACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.4)	read-create	Current	As per MIB
hh3cAcIMACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.5)	read-create	Current	As per MIB
hh3cAcIMACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.6)	read-create	Current	As per MIB
hh3cAcIMACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.7)	read-create	Current	As per MIB
hh3cAcIMACDestMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.8)	read-create	Current	As per MIB
hh3cAcIMACDestMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.9)	read-create	Current	As per MIB
hh3cAcIMACLSapCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.10)	read-create	Current	As per MIB
hh3cAcIMACLSapMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.11)	read-create	Current	As per MIB
hh3cAcIMACCos (1.3.6.1.4.1.25506.2.8.2.3.1.1.12)	read-create	Current	As per MIB
hh3cAcIMACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.1.1.13)	read-create	Current	As per MIB
hh3cAcIMACCount (1.3.6.1.4.1.25506.2.8.2.3.1.1.14)	read-only	No	As per MIB
hh3cAcIMACCountClear (1.3.6.1.4.1.25506.2.8.2.3.1.1.15)	read-write	No	Not supported
hh3cAcIMACEnable (1.3.6.1.4.1.25506.2.8.2.3.1.1.16)	read-only	No	As per MIB
hh3cAcIMACComment (1.3.6.1.4.1.25506.2.8.2.3.1.1.17)	read-create	Current	Only support read and write operation.
hh3cAcIMACLog (1.3.6.1.4.1.25506.2.8.2.3.1.1.18)	read-create	Current	Not supported
hh3cAcIMACCounting (1.3.6.1.4.1.25506.2.8.2.3.1.1.19)	read-create	Current	As per MIB

## 49.10 hh3cAcINamedMACTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.3.2

Notes:

If a rule will be created, hh3cAcINamedMACRowStatus must be 4 and the rule number does not exist.



The set of hh3cAcINamedMACAct is required when a rule is created.

hh3cAcINamedMACTypeCode and hh3cAcINamedMACTypeMask must be set together.

hh3cAcINamedMACSrcMac and hh3cAcINamedMACSrcMacWild must be set together.

hh3cAcINamedMACDstMac and hh3cAcINamedMACDstMacWild must be set together.

hh3cAcINamedMACLsapCode and hh3cAcINamedMACLsapMask must be set together.

If hh3cAcINamedMACTypeCode or hh3cAcINamedMACTypeMask is set, hh3cAcINamedMACLsapCode or hh3cAcINamedMACLsapMask must be not set.

If hh3cAcINamedMACLsapCode or hh3cAcINamedMACLsapMask is set, hh3cAcINamedMACTypeCode or hh3cAcINamedMACTypeMask must be not set.

All the objects in the table except hh3cAcINamedMACComment can not be modified now.

Name	Access	PDS	Description
hh3cAcINamedMACRowStatus (1.3.6.1.4.1.25506.2.8.2.3.2.1.1)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcINamedMACAct (1.3.6.1.4.1.25506.2.8.2.3.2.1.2)	read-create	Current	Only support permit(2),deny(3)
hh3cAcINamedMACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.2.1.3)	read-create	Current	As per MIB
hh3cAcINamedMACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.2.1.4)	read-create	Current	As per MIB
hh3cAcINamedMACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.2.1.5)	read-create	Current	As per MIB
hh3cAcINamedMACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.2.1.6)	read-create	Current	As per MIB
hh3cAcINamedMACDstMac (1.3.6.1.4.1.25506.2.8.2.3.2.1.7)	read-create	Current	As per MIB
hh3cAcINamedMACDstMacWild (1.3.6.1.4.1.25506.2.8.2.3.2.1.8)	read-create	Current	As per MIB
hh3cAcINamedMACLsapCode (1.3.6.1.4.1.25506.2.8.2.3.2.1.9)	read-create	Current	As per MIB
hh3cAcINamedMACLsapMask (1.3.6.1.4.1.25506.2.8.2.3.2.1.10)	read-create	Current	As per MIB
hh3cAcINamedMACCos (1.3.6.1.4.1.25506.2.8.2.3.2.1.11)	read-create	Current	As per MIB
hh3cAcINamedMACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.2.1.12)	read-create	Current	As per MIB
hh3cAcINamedMACCount (1.3.6.1.4.1.25506.2.8.2.3.2.1.13)	read-only	No	As per MIB
hh3cAcINamedMACCountClear (1.3.6.1.4.1.25506.2.8.2.3.2.1.14)	read-write	No	Not supported
hh3cAcINamedMACEnable (1.3.6.1.4.1.25506.2.8.2.3.2.1.15)	read-only	No	As per MIB
hh3cAcINamedMACComment (1.3.6.1.4.1.25506.2.8.2.3.2.1.16)	read-create	Current	Only support read and write operation.
hh3cAcINamedMACLog (1.3.6.1.4.1.25506.2.8.2.3.2.1.17)	read-create	Current	Not supported

hh3cAcINamedMACCounting (1.3.6.1.4.1.25506.2.8.2.3.2.1.18)	read-create	Current	As per MIB
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## 49.11 hh3cAcIResourceUsageTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.5.1

Name	Access	PDS	Description
hh3cAcIResourceChassis (1.3.6.1.4.1.25506.2.8.2.5.1.1.1)	not-accessible	No	As per MIB
hh3cAcIResourceSlot (1.3.6.1.4.1.25506.2.8.2.5.1.1.2)	not-accessible	No	As per MIB
hh3cAcIResourceChip (1.3.6.1.4.1.25506.2.8.2.5.1.1.3)	not-accessible	No	As per MIB
hh3cAcIResourceType (1.3.6.1.4.1.25506.2.8.2.5.1.1.4)	not-accessible	No	As per MIB
hh3cAcIPortRange (1.3.6.1.4.1.25506.2.8.2.5.1.1.5)	read-only	No	As per MIB
hh3cAcIResourceTotal (1.3.6.1.4.1.25506.2.8.2.5.1.1.6)	read-only	No	As per MIB
hh3cAcIResourceReserved (1.3.6.1.4.1.25506.2.8.2.5.1.1.7)	read-only	No	As per MIB
hh3cAcIResourceConfigured (1.3.6.1.4.1.25506.2.8.2.5.1.1.8)	read-only	No	As per MIB
hh3cAcIResourceUsagePercent (1.3.6.1.4.1.25506.2.8.2.5.1.1.9)	read-only	No	As per MIB
hh3cAcIResourceTypeDescription (1.3.6.1.4.1.25506.2.8.2.5.1.1.10)	read-only	No	As per MIB

## 49.12 hh3cAcIIntervalTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.6.1

Name	Access	PDS	Description
hh3cAcIIntervalType (1.3.6.1.4.1.25506.2.8.2.6.1.1.1)	not-accessible	Current	As per MIB
hh3cAcIIntervalValue (1.3.6.1.4.1.25506.2.8.2.6.1.1.2)	read-create	Current	As per MIB
hh3cAcIIntervalRowStatus (1.3.6.1.4.1.25506.2.8.2.6.1.1.3)	read-create	Current	As per MIB

## 49.13 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

## 49.14 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 2 or 4.

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

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	Support ipv4(1), ipv6(2), default(3) or mac(4).
hh3cPfilterApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.2.1.5)	not-accessible	Current	Support 2000 to 3999 by ipv4or ipv6. Support 4000 to 4999 by mac.
hh3cPfilterApplyHardCount (1.3.6.1.4.1.25506.2.8.3.2.1.6)	read-create	Current	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).

## 49.15 hh3cPfilterAclGroupRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.3

Name	Access	PDS	Description
hh3cPfilterRunApplyObjType (1.3.6.1.4.1.25506.2.8.3.3.1.1)	not-accessible	Current	Only support interface(1).

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

## 49.16 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	Current	As per MIB
hh3cPfilterAclRuleStatus (1.3.6.1.4.1.25506.2.8.3.4.1.2)	read-only	No	As per MIB
hh3cPfilterAclRuleCountStatus (1.3.6.1.4.1.25506.2.8.3.4.1.3)	read-only	No	As per MIB
hh3cPfilterAclRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.4.1.4)	read-only	No	As per MIB
hh3cPfilterAclRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.4.1.5)	read-only	No	Not supported

## 49.17 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	Current	As per MIB
hh3cPfilterSumAclType (1.3.6.1.4.1.25506.2.8.3.5.1.2)	not-accessible	Current	Support ipv4(1) , ipv6(2), mac(3)

hh3cPfilterSumAclIndex (1.3.6.1.4.1.25506.2.8.3.5.1.3)	not-accessible	Current	Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac.
hh3cPfilterSumRuleIndex (1.3.6.1.4.1.25506.2.8.3.5.1.4)	not-accessible	Current	As per MIB
hh3cPfilterSumRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.5.1.5)	read-only	No	As per MIB
hh3cPfilterSumRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.5.1.6)	read-only	No	Not supported

## 49.18 hh3cPfilter2ApplyTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.6

Notes:

When the node hh3cPfilter2ApplyHardCount is set, the value of hh3cPfilter2ApplyAclType must be 1, 2 or 4.

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

Name	Access	PDS	Description
hh3cPfilter2ApplyObjType (1.3.6.1.4.1.25506.2.8.3.6.1.1)	accessible-for-notify	Current	Only support interface(1)
hh3cPfilter2ApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.6.1.2)	accessible-for-notify	Current	As per MIB
hh3cPfilter2ApplyDirection (1.3.6.1.4.1.25506.2.8.3.6.1.3)	accessible-for-notify	Current	As per MIB
hh3cPfilter2ApplyAclType (1.3.6.1.4.1.25506.2.8.3.6.1.4)	accessible-for-notify	Current	Support ipv4(1), ipv6(2), default(3) or mac(4).
hh3cPfilter2ApplyAclIndex (1.3.6.1.4.1.25506.2.8.3.6.1.5)	accessible-for-notify	Current	Support 2000 to 3999 by ipv4or ipv6. Support 4000 to 4999 by mac.
hh3cPfilter2ApplyHardCount (1.3.6.1.4.1.25506.2.8.3.6.1.6)	read-create	Current	As per MIB
hh3cPfilter2ApplySequence (1.3.6.1.4.1.25506.2.8.3.6.1.7)	read-only	No	As per MIB
hh3cPfilter2ApplyCountClear (1.3.6.1.4.1.25506.2.8.3.6.1.8)	read-write	No	As per MIB
hh3cPfilterNameApplyRowStatus (1.3.6.1.4.1.25506.2.8.3.6.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## 49.19 hh3cPfilter2AclGroupRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.7

Name	Access	PDS	Description
hh3cPfilter2RunApplyObjType (1.3.6.1.4.1.25506.2.8.3.7.1.1)	not-accessible	Current	Only support interface(1).

hh3cPfilter2RunApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.7.1.2)	not-accessible	Current	As per MIB
hh3cPfilter2RunApplyDirection (1.3.6.1.4.1.25506.2.8.3.7.1.3)	not-accessible	Current	As per MIB
hh3cPfilter2RunApplyAcIType (1.3.6.1.4.1.25506.2.8.3.7.1.4)	not-accessible	Current	Support ipv4(1), ipv6(2), default(3) or mac(4)
hh3cPfilter2RunApplyAcIIndex (1.3.6.1.4.1.25506.2.8.3.7.1.5)	not-accessible	Current	Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac.
hh3cPfilter2AcIGroupStatus (1.3.6.1.4.1.25506.2.8.3.7.1.6)	read-only	No	As per MIB
hh3cPfilter2AcIGroupCountStatus (1.3.6.1.4.1.25506.2.8.3.7.1.7)	read-only	No	As per MIB
hh3cPfilter2AcIGroupPermitPkts (1.3.6.1.4.1.25506.2.8.3.7.1.8)	read-only	No	As per MIB
hh3cPfilter2AcIGroupPermitBytes (1.3.6.1.4.1.25506.2.8.3.7.1.9)	read-only	No	Not supported
hh3cPfilter2AcIGroupDenyPkts (1.3.6.1.4.1.25506.2.8.3.7.1.10)	read-only	No	As per MIB
hh3cPfilter2AcIGroupDenyBytes (1.3.6.1.4.1.25506.2.8.3.7.1.11)	read-only	No	Not supported

## 49.20 hh3cPfilter2AcIRuleRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.8

Name	Access	PDS	Description
hh3cPfilter2AcIRuleIndex (1.3.6.1.4.1.25506.2.8.3.8.1.1)	accessible-for-notify	Current	As per MIB
hh3cPfilter2AcIRuleStatus (1.3.6.1.4.1.25506.2.8.3.8.1.2)	read-only	No	As per MIB
hh3cPfilter2AcIRuleCountStatus (1.3.6.1.4.1.25506.2.8.3.8.1.3)	read-only	No	As per MIB
hh3cPfilter2AcIRuleMatchPkts (1.3.6.1.4.1.25506.2.8.3.8.1.4)	read-only	No	As per MIB
hh3cPfilterAcINameRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.8.1.5)	read-only	No	Not supported

## 49.21 hh3cPfilter2StatisticSumTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.9

Name	Access	PDS	Description
hh3cPfilter2SumDirection (1.3.6.1.4.1.25506.2.8.3.9.1.1)	not-accessible	Current	As per MIB
hh3cPfilter2SumAcIType (1.3.6.1.4.1.25506.2.8.3.9.1.2)	not-accessible	Current	Support ipv4(1) , ipv6(2), mac(3)

hh3cPfilter2SumAcIIndex (1.3.6.1.4.1.25506.2.8.3.9.1.3)	not-accessible	Current	Support 2000 to 3999 by ipv4 or ipv6. Support 4000 to 4999 by mac.
hh3cPfilter2SumRuleIndex (1.3.6.1.4.1.25506.2.8.3.9.1.4)	not-accessible	Current	As per MIB
hh3cPfilter2SumRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.9.1.5)	read-only	No	As per MIB
hh3cPfilterNameSumRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.9.1.6)	read-only	No	Not supported

## 50 HH3C-BFD-STD-MIB

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

### 50.1 hh3cBfdGlobalObjects

OID of this table is: 1.3.6.1.4.1.25506.2.72.1.1

Name	Access	PDS	Description
hh3cBfdVersionNumber (1.3.6.1.4.1.25506.2.72.1.1.1)	read-only	No	Not supported
hh3cBfdSysInitMode (1.3.6.1.4.1.25506.2.72.1.1.2)	read-only	No	Not supported
hh3cBfdSessNotificationsEnable (1.3.6.1.4.1.25506.2.72.1.1.3)	read-write	Current	As per MIB
hh3cBfdSessNumberLimit (1.3.6.1.4.1.25506.2.72.1.1.4)	read-only	No	Not supported

## 51 HH3C-CBQOS2-MIB

### 51.1 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).

## 51.2 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)
hh3cCBQoSClassifierMatchRuleN extIndex (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 hh3cCBQoSMatchRuleCfgInfoTa ble.
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).



## 51.3 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).

## 51.4 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, 18,19,22,23,26,31,32,33,34,50,5 4,55,57,58,59,60
hh3cCBQoSMatchCpProtoRowSta tus (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).

## 51.5 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)
hh3cCBQoSMatchCpGroupRowSt atus (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).

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## 51.6 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).

## 51.7 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).

## 51.8 hh3cCBQoSGtsCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.5

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

Name	Access	PDS	Description
hh3cCBQoSGtsCir (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.1)	read-create	Current	Need confirmed by product
hh3cCBQoSGtsCbs (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.2)	read-create	Current	Need confirmed by product

)			
hh3cCBQoSGtsEbs (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.3 )	read-create	Current	Need confirmed by product
hh3cCBQoSGtsQueueLength (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.4 )	read-create	Current	As per MIB
hh3cCBQoSGtsRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.5 )	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3cCBQoSGtsPir (1.3.6.1.4.1.25506.2.65.2.1.2.5.1.6 )	read-create	Current	Need confirmed by product

## 51.9 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).

## 51.10 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).

## 51.11 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)

## 51.12 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

## 51.13 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)	read-create	Current	Only support cpu(2)



1)			
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).

## 51.14 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).

## 51.15 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	read-create	Current	Not supported. The value is

(1.3.6.1.4.1.25506.2.65.2.1.2.20.1.3)			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).

## 51.16 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).

## 51.17 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).

## 51.18 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

## 51.19 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-	Current	As per MIB

)	notify		
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

## 51.20 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
hh3cCBQoSVlanApplyPolicyVlani d (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.1) )	accessible-for-notify	Current	As per MIB
hh3cCBQoSVlanApplyPolicyDirect ion (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	read-create	Current	Not supported. The value is

(1.3.6.1.4.1.25506.2.65.2.1.4.3.1.4) )			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

## 51.21 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

## 51.22 hh3cCBQoS CpApplyPolicyTable

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.

hh3cCBQoS CpApplyPolicyName must be bound when creating a new entry of this table.

Name	Access	PDS	Description
hh3cCBQoSApplyPolicyChassis(1.3.6.1.4.1.25506.2.65.2.1.4.7.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSApplyPolicySlot(1.3.6.1.4.1.25506.2.65.2.1.4.7.1.2)	not-accessible	Current	As per MIB
hh3cCBQoSApplyPolicyDirection(1.3.6.1.4.1.25506.2.65.2.1.4.7.1.3)	not-accessible	Current	Only support inbound (1)
hh3cCBQoSApplyPolicyName(1.3.6.1.4.1.25506.2.65.2.1.4.7.1.4)	read-create	Current	As per MIB
hh3cCBQoSApplyPolicyStatus(1.3.6.1.4.1.25506.2.65.2.1.4.7.1.5)	read-only	Current	As per MIB
hh3cCBQoSApplyRowStatus(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).

## 51.23 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)	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

## 51.24 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

## 51.25 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

## 51.26 hh3cCBQoSCpApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.6

Name	Access	PDS	Description
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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

## 51.27 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.
hh3cCBQoSClassFwdPktps(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.
hh3cCBQoSClassDropPktps(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

## 51.28 hh3cCBQoSCarRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.3

Name	Access	PDS	Description
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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

## 51.29 hh3cCBQoSRemarkRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.5

Name	Access	PDS	Description
hh3cCBQoSRemarkPackets (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.

## 51.30 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

# 52 HH3C-COMMON-SYSTEM-MIB

## 52.1 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	As per MIB
hh3cSoftwareVersion(1.3.6.1.4.1.25506.6.9)	read-only	No	Not supported
hh3cSysBootType(1.3.6.1.4.1.25506.6.10)	read-only	No	As per MIB

## 52.2 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	Not supported
hh3cSysTrapResendPeriod (1.3.6.1.4.1.25506.6.11.3)	read-write	No	Not supported
hh3cSysTrapCollectionPeriod (1.3.6.1.4.1.25506.6.11.4)	read-write	No	Not supported
hh3cSysSnmpPort (1.3.6.1.4.1.25506.6.11.5)	read-only	No	Not supported
hh3cSysSnmpTrapPort (1.3.6.1.4.1.25506.6.11.6)	read-only	No	Not supported
hh3cSysNetID (1.3.6.1.4.1.25506.6.11.7)	read-write	No	Not supported
hh3cSysLastSampleTime (1.3.6.1.4.1.25506.6.11.8)	read-only	No	Not supported
hh3cSysTrapSendNum (1.3.6.1.4.1.25506.6.11.9)	read-write	No	Not supported
hh3cSysFirstTrapTime (1.3.6.1.4.1.25506.6.11.10)	accessible-for-notify	No	Not supported
hh3cSysBannerMOTD (1.3.6.1.4.1.25506.6.11.11)	read-write	Current	As per MIB

## 52.3 hh3cSystemDiagInfoTable

OID of this table is: 1.3.6.1.4.1.25506.6.13

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

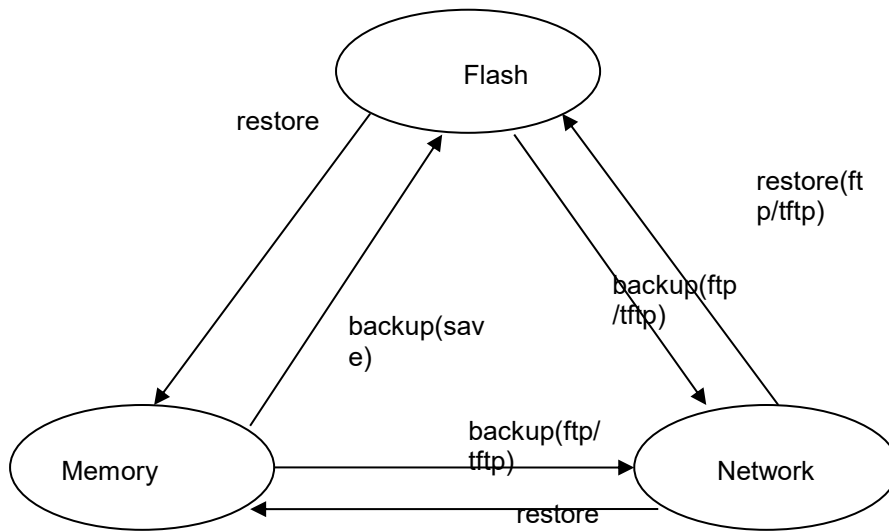
## 53 HH3C-CONFIG-MAN-MIB

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.



## 53.1 hh3cCfgLog group

### 53.1.1 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

## 53.1.2 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 SNMP v3 user. A snmp operation produce two piece of log, the value of this instance in the second log is a zero length string.
hh3cCfgLogTerminalNum (1.3.6.1.4.1.25506.2.4.1.1.7.1.8)	read-only	No	As per MIB
hh3cCfgLogTerminalLocation (1.3.6.1.4.1.25506.2.4.1.1.7.1.9)	read-only	No	As per MIB
hh3cCfgLogCmdSrcAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.10)	read-only	No	As per MIB
hh3cCfgLogVirHost (1.3.6.1.4.1.25506.2.4.1.1.7.1.11)	read-only	No	A zero length string.
hh3cCfgLogUserName (1.3.6.1.4.1.25506.2.4.1.1.7.1.12)	read-only	No	When the value of hh3cCfgLogSrcCmd is "cmdLine", the value of this instance is a zero length string.
hh3cCfgLogServerAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.13)	read-only	No	A snmp operation produce two piece of log, the value of this instance in the first log is always 0.0.0.0, and this instance in the second log is 0.0.0.0 when hh3cCfgLogSrcData and hh3cCfgLogDesData haven't the value of "netFtp".
hh3cCfgLogFile (1.3.6.1.4.1.25506.2.4.1.1.7.1.14)	read-only	No	As per MIB
hh3cCfgLogCmdSrcAddrType (1.3.6.1.4.1.25506.2.4.1.1.7.1.15)	read-only	No	Not supported
hh3cCfgLogCmdSrcAddrRev (1.3.6.1.4.1.25506.2.4.1.1.7.1.16)	read-only	No	Not supported

hh3cCfgLogCmdSrcAddrVPNNam e(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

## 53.2 hh3cCfgOperate group

### 53.2.1 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
hh3cCfgOperateResultGlobalEntry Limit (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

### 53.2.2 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

			<p>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.</p> <p>The length of name is no more than 40 characters, and must larger than 0 characters.</p>
hh3cCfgOperateUserPassword (1.3.6.1.4.1.25506.2.4.1.2.4.1.7)	read-create	No	<p>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.</p> <p>The length of password is no more than 40 characters, and must larger than 0 characters.</p> <p>A zero-length string will be returned when read.</p>
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	<p>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.</p> <p>The configuration operation requests which are in progress are not allowed to destroy.</p>
hh3cCfgOperateServerPort (1.3.6.1.4.1.25506.2.4.1.2.4.1.10)	read-create	No	As per MIB
hh3cCfgOperateSrvAddrType (1.3.6.1.4.1.25506.2.4.1.2.4.1.11)	read-create	No	Only support ipv4,ipv6 and dns.
hh3cCfgOperateSrvAddrRev (1.3.6.1.4.1.25506.2.4.1.2.4.1.12)	read-create	No	<p>When the address type is ipv4,ipv6 or dns, the address should be specified.</p> <p>when it is ipv4 address,the length of address must be 4 characters; when it is ipv6 address,the length of address must be 16 characters; when it is dns,the length of address is no more than 253 characters and must larger than 0 characters.</p>
hh3cCfgOperateSrvVPNName(1.3.6.1.4.1.25506.2.4.1.2.4.1.13)	read-create	No	The length of vpn is no more than 31 characters, and must larger than 0 characters.



## 53.2.3 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

## 53.2.4 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

## 53.2.5 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

## 54 HH3C-DHCP-SNOOP2-MIB

### 54.1 hh3cDhcpSnoop2ConfigGroup

OID of this table is: 1.3.6.1.4.1.25506.2.124.1.1

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

### 54.2 hh3cDhcpSnoop2StatisticsGroup

OID of this table is: 1.3.6.1.4.1.25506.2.124.1.2

Name	Access	PDS	Description
hh3cDhcpSnoop2PktSentNum (1.3.6.1.4.1.25506.2.124.1.2.1)	read-only	No	As per MIB
hh3cDhcpSnoop2PktRcvNum (1.3.6.1.4.1.25506.2.124.1.2.2)	read-only	No	As per MIB
hh3cDhcpSnoop2PktDropNum (1.3.6.1.4.1.25506.2.124.1.2.3)	read-only	No	As per MIB

### 54.3 hh3cDhcpSnoop2BindTable

OID of this table is: 1.3.6.1.4.1.25506.2.124.2.1

Name	Access	PDS	Description
hh3cDhcpSnoop2BindIpAddr (1.3.6.1.4.1.25506.2.124.2.1.1.1)	not-accessible	Current	As per MIB
hh3cDhcpSnoop2BindVlanId (1.3.6.1.4.1.25506.2.124.2.1.1.2)	not-accessible	Current	As per MIB

hh3cDhcpSnoop2BindSecVlanId (1.3.6.1.4.1.25506.2.124.2.1.1.3)	not-accessible	Current	As per MIB
hh3cDhcpSnoop2BindMacAddr (1.3.6.1.4.1.25506.2.124.2.1.1.4)	read-only	Current	As per MIB
hh3cDhcpSnoop2BindLease (1.3.6.1.4.1.25506.2.124.2.1.1.5)	read-only	Current	As per MIB
hh3cDhcpSnoop2BindPortIndex (1.3.6.1.4.1.25506.2.124.2.1.1.6)	read-only	Current	As per MIB
hh3cDhcpSnoop2BindRowStatus (1.3.6.1.4.1.25506.2.124.2.1.1.7)	read-create	Current	As per MIB

## 54.4 hh3cDhcpSnoop2IfConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.124.2.2

Name	Access	PDS	Description
hh3cDhcpSnoop2IfTrustStatus (1.3.6.1.4.1.25506.2.124.2.2.1.1)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfCheckMac (1.3.6.1.4.1.25506.2.124.2.2.1.2)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfCheckRequest (1.3.6.1.4.1.25506.2.124.2.2.1.3)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfRateLimit (1.3.6.1.4.1.25506.2.124.2.2.1.4)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfRecordBind (1.3.6.1.4.1.25506.2.124.2.2.1.5)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfMaxLearnNum (1.3.6.1.4.1.25506.2.124.2.2.1.6)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82Enable (1.3.6.1.4.1.25506.2.124.2.2.1.7)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82Strategy (1.3.6.1.4.1.25506.2.124.2.2.1.8)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82CIDMode (1.3.6.1.4.1.25506.2.124.2.2.1.9)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82CIDNode Type (1.3.6.1.4.1.25506.2.124.2.2.1.10)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82CIDNode Str (1.3.6.1.4.1.25506.2.124.2.2.1.11)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82CIDStr (1.3.6.1.4.1.25506.2.124.2.2.1.12)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82CIDForm at (1.3.6.1.4.1.25506.2.124.2.2.1.13)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82RIDMode (1.3.6.1.4.1.25506.2.124.2.2.1.14)	read-write	Current	As per MIB
hh3cDhcpSnoop2IfOpt82RIDStr	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.2.124.2.2.1.15)			
hh3cDhcpSnoop2IfOpt82RIDForm at (1.3.6.1.4.1.25506.2.124.2.2.1.16)	read-write	Current	As per MIB

## 54.5 hh3cDhcpSnoop2IfVlanCIDTable

OID of this table is: 1.3.6.1.4.1.25506.2.124.2.3

Name	Access	PDS	Description
hh3cDhcpSnoop2IfVlanCIDVlanIn dex (1.3.6.1.4.1.25506.2.124.2.3.1.1)	not-accessible	Current	As per MIB
hh3cDhcpSnoop2IfVlanCIDStr (1.3.6.1.4.1.25506.2.124.2.3.1.2)	read-create	Current	As per MIB
hh3cDhcpSnoop2IfVlanCIDRowSt atus (1.3.6.1.4.1.25506.2.124.2.3.1.3)	read-create	Current	As per MIB

## 54.6 hh3cDhcpSnoop2IfVlanRIDTable

OID of this table is: 1.3.6.1.4.1.25506.2.124.2.4

Name	Access	PDS	Description
hh3cDhcpSnoop2IfVlanRIDVlanIn dex (1.3.6.1.4.1.25506.2.124.2.4.1.1)	not-accessible	Current	As per MIB
hh3cDhcpSnoop2IfVlanRIDMode (1.3.6.1.4.1.25506.2.124.2.4.1.2)	read-create	Current	As per MIB
hh3cDhcpSnoop2IfVlanRIDStr (1.3.6.1.4.1.25506.2.124.2.4.1.3)	read-create	Current	As per MIB
hh3cDhcpSnoop2IfVlanRIDRowSt atus (1.3.6.1.4.1.25506.2.124.2.4.1.4)	read-create	Current	As per MIB

# 55 HH3C-DHCP4-MIB

## 55.1 hh3cDhcpServer2ConfigGroup

OID of this table is: 1.3.6.1.4.1.25506.2.122.1.1

Name	Access	PDS	Description
hh3cDhcpServer2Enabled (1.3.6.1.4.1.25506.2.122.1.1.1)	read-write	Current	As per MIB
hh3cDhcpServer2AlwaysBroadcas t (1.3.6.1.4.1.25506.2.122.1.1.2)	read-write	Current	As per MIB
hh3cDhcpServer2IgnoreBootp	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.2.122.1.1.3)			
hh3cDhcpServer2BootpReplyRfc1048 (1.3.6.1.4.1.25506.2.122.1.1.4)	read-write	Current	As per MIB
hh3cDhcpServer2Opt82Enabled (1.3.6.1.4.1.25506.2.122.1.1.5)	read-write	Current	As per MIB
hh3cDhcpServer2PingNumber (1.3.6.1.4.1.25506.2.122.1.1.6)	read-write	Current	As per MIB
hh3cDhcpServer2PingTimeout (1.3.6.1.4.1.25506.2.122.1.1.7)	read-write	Current	As per MIB

## 55.2 hh3cDhcpServer2StatGroup

OID of this table is: 1.3.6.1.4.1.25506.2.122.1.2

Name	Access	PDS	Description
hh3cDhcpServer2BadNum (1.3.6.1.4.1.25506.2.122.1.2.1)	read-only	No	As per MIB
hh3cDhcpServer2BootpRequestNum (1.3.6.1.4.1.25506.2.122.1.2.2)	read-only	No	As per MIB
hh3cDhcpServer2DiscoverNum (1.3.6.1.4.1.25506.2.122.1.2.3)	read-only	No	As per MIB
hh3cDhcpServer2RequestNum (1.3.6.1.4.1.25506.2.122.1.2.4)	read-only	No	As per MIB
hh3cDhcpServer2DeclineNum (1.3.6.1.4.1.25506.2.122.1.2.5)	read-only	No	As per MIB
hh3cDhcpServer2ReleaseNum (1.3.6.1.4.1.25506.2.122.1.2.6)	read-only	No	As per MIB
hh3cDhcpServer2InformNum (1.3.6.1.4.1.25506.2.122.1.2.7)	read-only	No	As per MIB
hh3cDhcpServer2BootpReplyNum (1.3.6.1.4.1.25506.2.122.1.2.8)	read-only	No	As per MIB
hh3cDhcpServer2OfferNum (1.3.6.1.4.1.25506.2.122.1.2.9)	read-only	No	As per MIB
hh3cDhcpServer2AckNum (1.3.6.1.4.1.25506.2.122.1.2.10)	read-only	No	As per MIB
hh3cDhcpServer2NakNum (1.3.6.1.4.1.25506.2.122.1.2.11)	read-only	No	As per MIB
hh3cDhcpServer2TotalPoolUsage (1.3.6.1.4.1.25506.2.122.1.2.12)	read-only	No	As per MIB
hh3cDhcpServer2PoolNumber (1.3.6.1.4.1.25506.2.122.1.2.13)	read-only	No	As per MIB
hh3cDhcpServer2ConflictNum (1.3.6.1.4.1.25506.2.122.1.2.14)	read-only	No	As per MIB
hh3cDhcpServer2AutoBindNum (1.3.6.1.4.1.25506.2.122.1.2.15)	read-only	No	As per MIB

hh3cDhcpServer2ManualBindNum (1.3.6.1.4.1.25506.2.122.1.2.16)	read-only	No	As per MIB
hh3cDhcpServer2ExpiredBindNum (1.3.6.1.4.1.25506.2.122.1.2.17)	read-only	No	As per MIB

## 55.3 hh3cDhcpServer2PoolTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.1

Name	Access	PDS	Description
hh3cDhcpServer2PoolIndex (1.3.6.1.4.1.25506.2.122.2.1.1.1)	not-accessible	Current	The range is different for different product.
hh3cDhcpServer2PoolName (1.3.6.1.4.1.25506.2.122.2.1.1.2)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVpnName (1.3.6.1.4.1.25506.2.122.2.1.1.3)	read-create	Current	As per MIB
hh3cDhcpServer2PoolNetwork (1.3.6.1.4.1.25506.2.122.2.1.1.4)	read-create	Current	As per MIB
hh3cDhcpServer2PoolNetworkMask (1.3.6.1.4.1.25506.2.122.2.1.1.5)	read-create	Current	As per MIB
hh3cDhcpServer2PoolStartAddr (1.3.6.1.4.1.25506.2.122.2.1.1.6)	read-create	Current	As per MIB
hh3cDhcpServer2PoolEndAddr (1.3.6.1.4.1.25506.2.122.2.1.1.7)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseDay (1.3.6.1.4.1.25506.2.122.2.1.1.8)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseHour (1.3.6.1.4.1.25506.2.122.2.1.1.9)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseMinute (1.3.6.1.4.1.25506.2.122.2.1.1.10)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseSecond (1.3.6.1.4.1.25506.2.122.2.1.1.11)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseUnlimit (1.3.6.1.4.1.25506.2.122.2.1.1.12)	read-create	Current	As per MIB
hh3cDhcpServer2PoolLeaseTime (1.3.6.1.4.1.25506.2.122.2.1.1.13)	read-create	Current	As per MIB
hh3cDhcpServer2PoolDomainName (1.3.6.1.4.1.25506.2.122.2.1.1.14)	read-create	Current	As per MIB
hh3cDhcpServer2PoolGatewayIP (1.3.6.1.4.1.25506.2.122.2.1.1.15)	read-create	Current	As per MIB
hh3cDhcpServer2PoolDNSIP(1.3.6.1.4.1.25506.2.122.2.1.1.16)	read-create	Current	As per MIB
hh3cDhcpServer2PoolPrimaryDNSIP	read-create	Current	As per MIB

(1.3.6.1.4.1.25506.2.122.2.1.1.17)			
hh3cDhcpServer2PoolSecondDN SIP (1.3.6.1.4.1.25506.2.122.2.1.1.18)	read-create	Current	As per MIB
hh3cDhcpServer2PoolNetbiosType (1.3.6.1.4.1.25506.2.122.2.1.1.19)	read-create	Current	As per MIB
hh3cDhcpServer2PoolNbnsIP(1.3. 6.1.4.1.25506.2.122.2.1.1.20)	read-create	Current	As per MIB
hh3cDhcpServer2PoolBootFileName (1.3.6.1.4.1.25506.2.122.2.1.1.21)	read-create	Current	As per MIB
hh3cDhcpServer2PoolBimsIP(1.3. 6.1.4.1.25506.2.122.2.1.1.22)	read-create	Current	As per MIB
hh3cDhcpServer2PoolBimsPort (1.3.6.1.4.1.25506.2.122.2.1.1.23)	read-create	Current	As per MIB
hh3cDhcpServer2PoolBimsKeyStr (1.3.6.1.4.1.25506.2.122.2.1.1.24)	read-create	Current	The GET operation is not supported.
hh3cDhcpServer2PoolNextServer (1.3.6.1.4.1.25506.2.122.2.1.1.25)	read-create	Current	As per MIB
hh3cDhcpServer2PoolTftpDomName (1.3.6.1.4.1.25506.2.122.2.1.1.26)	read-create	Current	As per MIB
hh3cDhcpServer2PoolTftpIP (1.3.6.1.4.1.25506.2.122.2.1.1.27)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceAsIP (1.3.6.1.4.1.25506.2.122.2.1.1.28)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceFailIP (1.3.6.1.4.1.25506.2.122.2.1.1.29)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceFailStr (1.3.6.1.4.1.25506.2.122.2.1.1.30)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceNCPI P (1.3.6.1.4.1.25506.2.122.2.1.1.31)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceVlanId (1.3.6.1.4.1.25506.2.122.2.1.1.32)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVoiceVlanEnbl (1.3.6.1.4.1.25506.2.122.2.1.1.33)	read-create	Current	As per MIB
hh3cDhcpServer2PoolRowStatus (1.3.6.1.4.1.25506.2.122.2.1.1.34)	read-create	Current	As per MIB
hh3cDhcpServer2PoolVerifyClass( 1.3.6.1.4.1.25506.2.122.2.1.1.35)	read-create	Current	As per MIB

## 55.4 hh3cDhcpServer2IfApplyPoolTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.2

Name	Access	PDS	Description
hh3cDhcpServer2IfApplyPoolName	read-write	Current	As per MIB

e (1.3.6.1.4.1.25506.2.122.2.2.1.1)			
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## 55.5 hh3cDhcpServer2PoolSecNwTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.3

Name	Access	PDS	Description
hh3cDhcpServer2PoolSecNw (1.3.6.1.4.1.25506.2.122.2.3.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2PoolSecNwMask (1.3.6.1.4.1.25506.2.122.2.3.1.2)	not-accessible	Current	As per MIB
hh3cDhcpServer2PoolSecNwGwIP (1.3.6.1.4.1.25506.2.122.2.3.1.3)	read-create	Current	As per MIB
hh3cDhcpServer2PoolSecNwStatus (1.3.6.1.4.1.25506.2.122.2.3.1.4)	read-create	Current	As per MIB

## 55.6 hh3cDhcpServer2PoolClassTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.4

Name	Access	PDS	Description
hh3cDhcpServer2PoolClassName (1.3.6.1.4.1.25506.2.122.2.4.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2PoolClassStart (1.3.6.1.4.1.25506.2.122.2.4.1.2)	read-create	Current	As per MIB
hh3cDhcpServer2PoolClassEnd (1.3.6.1.4.1.25506.2.122.2.4.1.3)	read-create	Current	As per MIB
hh3cDhcpServer2PoolClassStatus (1.3.6.1.4.1.25506.2.122.2.4.1.4)	read-create	Current	As per MIB

## 55.7 hh3cDhcpServer2PoolStaticTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.5

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



## 55.8 hh3cDhcpServer2PoolOptionTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.6

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

## 55.9 hh3cDhcpServer2PoolForbidTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.7

Name	Access	PDS	Description
hh3cDhcpServer2PoolForbidIP (1.3.6.1.4.1.25506.2.122.2.7.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2PoolForbidStatus (1.3.6.1.4.1.25506.2.122.2.7.1.2)	read-create	Current	As per MIB

## 55.10 hh3cDhcpServer2ClassTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.8

Name	Access	PDS	Description
hh3cDhcpServer2ClassName (1.3.6.1.4.1.25506.2.122.2.8.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2ClassRowStatus (1.3.6.1.4.1.25506.2.122.2.8.1.2)	read-create	Current	As per MIB

## 55.11 hh3cDhcpServer2RuleTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.9

Name	Access	PDS	Description
hh3cDhcpServer2RuleNumber (1.3.6.1.4.1.25506.2.122.2.9.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2RuleOptCode (1.3.6.1.4.1.25506.2.122.2.9.1.2)	read-create	Current	As per MIB
hh3cDhcpServer2RuleOptHexStr (1.3.6.1.4.1.25506.2.122.2.9.1.3)	read-create	Current	The string length should not exceed 256

hh3cDhcpServer2RuleOptMask (1.3.6.1.4.1.25506.2.122.2.9.1.4)	read-create	Current	If it is bound with hh3cDhcpServer2RuleOptHexStr, the length of corresponding command should not exceed 512.
hh3cDhcpServer2RuleOptOffset (1.3.6.1.4.1.25506.2.122.2.9.1.5)	read-create	Current	As per MIB
hh3cDhcpServer2RuleOptLength (1.3.6.1.4.1.25506.2.122.2.9.1.6)	read-create	Current	As per MIB
hh3cDhcpServer2RuleRowStatus (1.3.6.1.4.1.25506.2.122.2.9.1.7)	read-create	Current	As per MIB

## 55.12 hh3cDhcpServer2ForbidTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.10

Name	Access	PDS	Description
hh3cDhcpServer2ForbidVpnName (1.3.6.1.4.1.25506.2.122.2.10.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2ForbidStart (1.3.6.1.4.1.25506.2.122.2.10.1.2)	not-accessible	Current	As per MIB
hh3cDhcpServer2ForbidEnd (1.3.6.1.4.1.25506.2.122.2.10.1.3)	not-accessible	Current	As per MIB
hh3cDhcpServer2ForbidRowStatus (1.3.6.1.4.1.25506.2.122.2.10.1.4)	read-create	Current	As per MIB

## 55.13 hh3cDhcpServer2FreeTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.11

Name	Access	PDS	Description
hh3cDhcpServer2FreeStart (1.3.6.1.4.1.25506.2.122.2.11.1.1)	not-accessible	No	As per MIB
hh3cDhcpServer2FreeEnd (1.3.6.1.4.1.25506.2.122.2.11.1.2)	read-only	No	As per MIB

## 55.14 hh3cDhcpServer2ConflictTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.12

Name	Access	PDS	Description
hh3cDhcpServer2ConflictIP (1.3.6.1.4.1.25506.2.122.2.12.1.1)	not-accessible	No	As per MIB
hh3cDhcpServer2ConflictType (1.3.6.1.4.1.25506.2.122.2.12.1.2)	read-only	No	As per MIB
hh3cDhcpServer2ConflictTime (1.3.6.1.4.1.25506.2.122.2.12.1.3)	read-only	No	As per MIB
hh3cDhcpServer2ConflictRowStatus (1.3.6.1.4.1.25506.2.122.2.12.1.4)	read-create	No	As per MIB

## 55.15 hh3cDhcpServer2ExpiredTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.13

Name	Access	PDS	Description
hh3cDhcpServer2ExpiredIP (1.3.6.1.4.1.25506.2.122.2.13.1.1)	not-accessible	No	As per MIB
hh3cDhcpServer2ExpiredClientId (1.3.6.1.4.1.25506.2.122.2.13.1.2)	read-only	No	As per MIB
hh3cDhcpServer2ExpiredTime (1.3.6.1.4.1.25506.2.122.2.13.1.3)	read-only	No	As per MIB
hh3cDhcpServer2ExpiredRowStatus (1.3.6.1.4.1.25506.2.122.2.13.1.4)	read-create	No	As per MIB

## 55.16 hh3cDhcpServer2IPInUseTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.14

Name	Access	PDS	Description
hh3cDhcpServer2IPInUseIP (1.3.6.1.4.1.25506.2.122.2.14.1.1)	not-accessible	No	As per MIB
hh3cDhcpServer2IPInUseClientId (1.3.6.1.4.1.25506.2.122.2.14.1.2)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseHardAddr (1.3.6.1.4.1.25506.2.122.2.14.1.3)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseHardType (1.3.6.1.4.1.25506.2.122.2.14.1.4)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseVlanId (1.3.6.1.4.1.25506.2.122.2.14.1.5)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseEndLease (1.3.6.1.4.1.25506.2.122.2.14.1.6)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseType (1.3.6.1.4.1.25506.2.122.2.14.1.7)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseSelfIndex (1.3.6.1.4.1.25506.2.122.2.14.1.8)	read-only	No	As per MIB
hh3cDhcpServer2IPInUseRowStatus (1.3.6.1.4.1.25506.2.122.2.14.1.9)	read-create	No	As per MIB

## 55.17 hh3cDhcpServer2DefOptGrpTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.15

Name	Access	PDS	Description
hh3cDhcpServer2DefOptGrpClass (1.3.6.1.4.1.25506.2.122.2.15.1.1)	not-accessible	Current	As per MIB

hh3cDhcpServer2DefOptGrpId (1.3.6.1.4.1.25506.2.122.2.15.1.2)	read-create	Current	As per MIB
hh3cDhcpServer2DefOptGrpStatus (1.3.6.1.4.1.25506.2.122.2.15.1.3)	read-create	Current	As per MIB

## 55.18 hh3cDhcpServer2ValidClassTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.16

Name	Access	PDS	Description
hh3cDhcpServer2ValidClassName (1.3.6.1.4.1.25506.2.122.2.16.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2ValidClassStatus (1.3.6.1.4.1.25506.2.122.2.16.1.2)	read-create	Current	As per MIB

## 55.19 hh3cDhcpServer2RuleHwAddrTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.17

Name	Access	PDS	Description
hh3cDhcpServer2RuleHwAddrNumber (1.3.6.1.4.1.25506.2.122.2.17.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2RuleHwAddress (1.3.6.1.4.1.25506.2.122.2.17.1.2)	read-create	Current	As per MIB
hh3cDhcpServer2RuleHwAddrMask (1.3.6.1.4.1.25506.2.122.2.17.1.3)	read-create	Current	As per MIB
hh3cDhcpServer2RuleHwAddrType (1.3.6.1.4.1.25506.2.122.2.17.1.4)	read-create	Current	As per MIB
hh3cDhcpServer2RuleHwAddrStatus (1.3.6.1.4.1.25506.2.122.2.17.1.5)	read-create	Current	As per MIB

## 55.20 hh3cDhcpServer2OptionGroupTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.18

Name	Access	PDS	Description
hh3cDhcpServer2OptionGroupId (1.3.6.1.4.1.25506.2.122.2.18.1.1)	not-accessible	Current	As per MIB
hh3cDhcpServer2OptionGroupStatus (1.3.6.1.4.1.25506.2.122.2.18.1.2)	read-create	Current	As per MIB

## 55.21 hh3cDhcpServer2OptionTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.2.19

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

## 55.22 hh3cDhcpRelay2ConfigGroup

OID of this table is: 1.3.6.1.4.1.25506.2.122.3.1

Name	Access	PDS	Description
hh3cDhcpRelay2UserInfoRecord (1.3.6.1.4.1.25506.2.122.3.1.1)	read-write	Current	As per MIB
hh3cDhcpRelay2UserInfoRefresh (1.3.6.1.4.1.25506.2.122.3.1.2)	read-write	Current	As per MIB
hh3cDhcpRelay2UserInfoFlushTime (1.3.6.1.4.1.25506.2.122.3.1.3)	read-write	Current	As per MIB
hh3cDhcpRelay2ReleaseAddr (1.3.6.1.4.1.25506.2.122.3.1.4)	read-write	No	As per MIB

## 55.23 hh3cDhcpRelay2StatisticsGroup

OID of this table is: 1.3.6.1.4.1.25506.2.122.3.2

Name	Access	PDS	Description
hh3cDhcpRelay2RxClientNum (1.3.6.1.4.1.25506.2.122.3.2.1)	read-only	No	As per MIB
hh3cDhcpRelay2TxClientNum (1.3.6.1.4.1.25506.2.122.3.2.2)	read-only	No	As per MIB
hh3cDhcpRelay2RxServerNum (1.3.6.1.4.1.25506.2.122.3.2.3)	read-only	No	As per MIB
hh3cDhcpRelay2TxServerNum (1.3.6.1.4.1.25506.2.122.3.2.4)	read-only	No	As per MIB
hh3cDhcpRelay2BadNum (1.3.6.1.4.1.25506.2.122.3.2.5)	read-only	No	As per MIB
hh3cDhcpRelay2BootpRequestNum (1.3.6.1.4.1.25506.2.122.3.2.6)	read-only	No	As per MIB
hh3cDhcpRelay2DiscoverNum	read-only	No	As per MIB

(1.3.6.1.4.1.25506.2.122.3.2.7)			
hh3cDhcpRelay2RequestNum (1.3.6.1.4.1.25506.2.122.3.2.8)	read-only	No	As per MIB
hh3cDhcpRelay2DeclineNum (1.3.6.1.4.1.25506.2.122.3.2.9)	read-only	No	As per MIB
hh3cDhcpRelay2ReleaseNum (1.3.6.1.4.1.25506.2.122.3.2.10)	read-only	No	As per MIB
hh3cDhcpRelay2InformNum (1.3.6.1.4.1.25506.2.122.3.2.11)	read-only	No	As per MIB
hh3cDhcpRelay2BootpReplyNum (1.3.6.1.4.1.25506.2.122.3.2.12)	read-only	No	As per MIB
hh3cDhcpRelay2OfferNum (1.3.6.1.4.1.25506.2.122.3.2.13)	read-only	No	As per MIB
hh3cDhcpRelay2AckNum (1.3.6.1.4.1.25506.2.122.3.2.14)	read-only	No	As per MIB
hh3cDhcpRelay2NakNum (1.3.6.1.4.1.25506.2.122.3.2.15)	read-only	No	As per MIB

## 55.24 hh3cDhcpRelay2IfConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.4.1

Name	Access	PDS	Description
hh3cDhcpRelay2IfSelectRelay (1.3.6.1.4.1.25506.2.122.4.1.1.1)	read-write	Current	As per MIB
hh3cDhcpRelay2IfCheckMac (1.3.6.1.4.1.25506.2.122.4.1.1.2)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82Enable (1.3.6.1.4.1.25506.2.122.4.1.1.3)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82Strategy (1.3.6.1.4.1.25506.2.122.4.1.1.4)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82CIDMode (1.3.6.1.4.1.25506.2.122.4.1.1.5)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82CIDNode Type (1.3.6.1.4.1.25506.2.122.4.1.1.6)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82CIDNode Str (1.3.6.1.4.1.25506.2.122.4.1.1.7)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82CIDStr (1.3.6.1.4.1.25506.2.122.4.1.1.8)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82CIDForm at (1.3.6.1.4.1.25506.2.122.4.1.1.9)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82RIDMode (1.3.6.1.4.1.25506.2.122.4.1.1.10)	read-write	Current	As per MIB

hh3cDhcpRelay2IfOpt82RIDStr (1.3.6.1.4.1.25506.2.122.4.1.1.11)	read-write	Current	As per MIB
hh3cDhcpRelay2IfOpt82RIDForm at (1.3.6.1.4.1.25506.2.122.4.1.1.12)	read-write	Current	As per MIB

## 55.25 hh3cDhcpRelay2SrvAddrTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.4.2

Name	Access	PDS	Description
hh3cDhcpRelay2SrvAddrIP (1.3.6.1.4.1.25506.2.122.4.2.1.1)	not-accessible	Current	As per MIB
hh3cDhcpRelay2SrvAddrRowStat us (1.3.6.1.4.1.25506.2.122.4.2.1.2)	read-create	Current	As per MIB

## 55.26 hh3cDhcpRelay2UserInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.122.4.3

Name	Access	PDS	Description
hh3cDhcpRelay2UserInfoVpnIndex (1.3.6.1.4.1.25506.2.122.4.3.1.1)	not-accessible	No	As per MIB
hh3cDhcpRelay2UserInfoIpAddr (1.3.6.1.4.1.25506.2.122.4.3.1.2)	not-accessible	No	As per MIB
hh3cDhcpRelay2UserInfoMacAddr (1.3.6.1.4.1.25506.2.122.4.3.1.3)	read-only	No	As per MIB
hh3cDhcpRelay2UserInfoIndex (1.3.6.1.4.1.25506.2.122.4.3.1.4)	read-only	No	As per MIB
hh3cDhcpRelay2UserInfoRowStat us (1.3.6.1.4.1.25506.2.122.4.3.1.5)	read-create	Current	As per MIB

# 56 HH3C-DLDP2-MIB

## 56.1 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

## 56.2 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

## 56.3 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

## 56.4 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

# 57 HH3C-DNS-MIB

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



## 57.1 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)	not-accessible	No	Only support IPv4.
hh3cDnsStaticSrvIpAddr (1.3.6.1.4.1.25506.2.97.1.1.1.2)	not-accessible	No	As per MIB.
hh3cDnsStaticSrvIpPriority (1.3.6.1.4.1.25506.2.97.1.1.1.3)	read-only	No	As per MIB.
hh3cDnsStaticSrvIpRowStatus (1.3.6.1.4.1.25506.2.97.1.1.1.4)	read-create	No	Only support active(1), createAndGo(4), destroy(6)

## 57.2 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

## 58 HH3C-DOMAIN-MIB

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

### 58.1 Scalar objects

Name	Access	PDS	Description
hh3cDomainDefault (1.3.6.1.4.1.25506.2.46.1.1)	read-write	Current	The length of this object is range from 1 to 24

### 58.2 hh3cDomainInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.1

Name	Access	PDS	Description
hh3cDomainName (1.3.6.1.4.1.25506.2.46.2.1.1.1)	not-accessible	No	The length of this object is range from 1 to 24
hh3cDomainState (1.3.6.1.4.1.25506.2.46.2.1.1.2)	read-create	Current	As per MIB

hh3cDomainMaxAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.3)	read-create	Current	Not supported
hh3cDomainVlanAssignMode (1.3.6.1.4.1.25506.2.46.2.1.1.4)	read-create	Current	Not supported
hh3cDomainIdleCutEnable (1.3.6.1.4.1.25506.2.46.2.1.1.5)	read-create	Current	Not supported
hh3cDomainIdleCutMaxTime (1.3.6.1.4.1.25506.2.46.2.1.1.6)	read-create	Current	Not supported
hh3cDomainIdleCutMinFlow (1.3.6.1.4.1.25506.2.46.2.1.1.7)	read-create	Current	Not supported
hh3cDomainMessengerEnable (1.3.6.1.4.1.25506.2.46.2.1.1.8)	read-create	Current	Not supported
hh3cDomainMessengerLimitTime (1.3.6.1.4.1.25506.2.46.2.1.1.9)	read-create	Current	Not supported
hh3cDomainMessengerSpanTime (1.3.6.1.4.1.25506.2.46.2.1.1.10)	read-create	Current	Not supported
hh3cDomainSelfServiceEnable (1.3.6.1.4.1.25506.2.46.2.1.1.11)	read-create	Current	Not supported
hh3cDomainSelfServiceURL (1.3.6.1.4.1.25506.2.46.2.1.1.12)	read-create	Current	Not supported
hh3cDomainAccFailureAction (1.3.6.1.4.1.25506.2.46.2.1.1.13)	read-create	Current	Not supported
hh3cDomainRowStatus (1.3.6.1.4.1.25506.2.46.2.1.1.14)	read-create	Current	As per MIB
hh3cDomainCurrentAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.15)	read-only	Current	Not supported
hh3cDomainIdleCutTime (1.3.6.1.4.1.25506.2.46.2.1.1.16)	read-only	Current	Not supported

## 58.3 hh3cDomainSchemeTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.2

- when a domain was created, the agent will create a row for accounting, a row for authentication, a row for authorization with the value of hh3cDomainSchemeMode be 'local'.
- when change a row, the following objects must be specified.
  - hh3cDomainSchemeMode
  - hh3cDomainSchemeAAAType
  - hh3cDomainSchemeAAAName
  - hh3cDomainSchemeAccessMode
- when create a new row, the following object must be specified,
  - hh3cDomainSchemeMode
  - hh3cDomainSchemeRowStatus
  - hh3cDomainSchemeAAAType
  - hh3cDomainSchemeAAAName

## hh3cDomainSchemeAccessMode

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

## 59 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.

### 59.1 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)	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	Current	As per MIB
hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10)	read-only	No	As per MIB
hh3cEntityExtUpTime (1.3.6.1.4.1.25506.2.6.1.1.1.1.11)	read-only	No	As per MIB
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	read-only	No	The invalid value is 65535.
hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13)	read-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
hh3cEntityExtCpuUsageRecoveryThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.31)	read-write	No	Not supported
hh3cEntityExtMemSizeRev (1.3.6.1.4.1.25506.2.6.1.1.1.1.32)	read-only	No	As per MIB
hh3cEntityExtCpuUsageIn1Minute (1.3.6.1.4.1.25506.2.6.1.1.1.1.33)	read-only	No	As per MIB
hh3cEntityExtCpuUsageIn5Minutes(1.3.6.1.4.1.25506.2.6.1.1.1.1.34)	read-only	No	As per MIB

## 59.2 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

## 59.3 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	As per MIB
hh3cEntityExtNominalPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.2)	read-only	No	As per MIB
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	As per MIB
hh3cEntityExtPeakPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.5)	read-write	No	As per MIB

## 59.4 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

## 59.5 Relationship between entity and extend property

The relationship between entity and extend property for S5560X-EI 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	Yes
fan	Yes
sensor	No
module	Yes
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtAlarmLight (R)
chassis	No
backplane	No
container	No
powerSupply	No

fan	No
sensor	No
module	No
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtCpuUsage (R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes(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)
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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)
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chassis	No
backplane	No
container	No
powerSupply	Yes
fan	Yes
sensor	Yes
module	No
port	No
stack	No
other	No
unknown	No

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

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

## 60 HH3C-ENTRELATION-MIB

### 60.1 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)	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

## 61 HH3C-FLASH-MAN-MIB

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

## 61.1 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

## 61.2 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	As per MIB
hh3cFlhHCSIZE (1.3.6.1.4.1.25506.2.5.1.1.2.1.16)	read-only	No	As per MIB

## 61.3 hh3cFlhPartitionTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.4.1

Name	Access	PDS	Description
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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).
hh3cFlhPartHCSpace (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.15)	read-only	No	As per MIB
hh3cFlhPartHCSpaceFree (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.16)	read-only	No	As per MIB

## 61.4 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)	not-accessible	No	As per MIB



hh3cFlhFileName (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.2)	read-only	No	As per MIB
hh3cFlhFileSize (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.3)	read-only	No	As per MIB
hh3cFlhFileStatus (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.4)	read-only	No	As per MIB
hh3cFlhFileChecksum (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.5)	read-only	No	Not supported
hh3cFlhFileHCSIZE (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.6)	read-only	No	As per MIB

## 61.5 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
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)

## 62 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.

### 62.1 Scalar Objects

Name	Access	PDS	Description
hh3clfStatGlobalFlowInterval (1.3.6.1.4.1.25506.2.40.1.1)	read-write	Yes	Not supported
hh3clfShutDownInterval (1.3.6.1.4.1.25506.2.40.1.2)	read-write	Current	0-300
hh3clfPhysicalNumber (1.3.6.1.4.1.25506.2.40.2.3.1)	read-only	No	As per MIB

## 62.2 hh3clfFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.1

Name	Access	PDS	Description
hh3clfStatFlowInterval (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.1)	read-write	Current	Range from 5 to 300.
hh3clfStatFlowInBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.2)	read-only	No	As per MIB
hh3clfStatFlowOutBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.3)	read-only	No	As per MIB
hh3clfStatFlowInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.4)	read-only	No	As per MIB
hh3clfStatFlowOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.5)	read-only	No	As per MIB
hh3clfStatFlowInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.6)	read-only	No	As per MIB
hh3clfStatFlowOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.7)	read-only	No	As per MIB

## 62.3 hh3clfHCFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.3

Name	Access	PDS	Description
hh3clfStatFlowHCInBits (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.1)	read-only	No	As per MIB
hh3clfStatFlowHCOutBits (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.2)	read-only	No	As per MIB
hh3clfStatFlowHCInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.3)	read-only	No	As per MIB
hh3clfStatFlowHCOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.4)	read-only	No	As per MIB
hh3clfStatFlowHCInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.5)	read-only	No	As per MIB
hh3clfStatFlowHCOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.3.1.6)	read-only	No	As per MIB

## 62.4 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

## 62.5 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)

## 62.6 hh3clfLinkModeTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.2.3

Name	Access	PDS	Description
hh3clfLinkModeIndex (1.3.6.1.4.1.25506.2.40.2.2.3.1.1)	not-accessible	No	As per MIB
hh3clfLinkMode (1.3.6.1.4.1.25506.2.40.2.2.3.1.2)	read-write	Current	As per MIB
hh3clfLinkModeSwitchSupport (1.3.6.1.4.1.25506.2.40.2.2.3.1.3)	read-only	No	As per MIB

## 62.7 hh3clfPortTypeTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.2.4

Name	Access	PDS	Description
hh3clfPortTypeIndex (1.3.6.1.4.1.25506.2.40.2.2.4.1.1)	not-accessible	No	As per MIB
hh3clfPortType (1.3.6.1.4.1.25506.2.40.2.2.4.1.2)	read-write	Current	As per MIB

## 62.8 hh3clfTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.3.2

Name	Access	PDS	Description
hh3clfUpDownTimes (1.3.6.1.4.1.25506.2.40.2.3.2.1.1)	read-only	No	As per MIB
hh3clfMtu (1.3.6.1.4.1.25506.2.40.2.3.2.1.2)	read-write	Current	As per MIB
hh3clfBandwidthRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.3)	accessible-for-notify	No	Not supported
hh3clfDiscardPktRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.4)	accessible-for-notify	No	Not supported
hh3clfStatusKeepTime (1.3.6.1.4.1.25506.2.40.2.3.2.1.5)	read-only	No	As per MIB
hh3clfInNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.6)	read-only	No	Not supported
hh3clfOutNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.7)	read-only	No	Not supported
hh3clfsPoe (1.3.6.1.4.1.25506.2.40.2.3.2.1.8)	read-only	No	Not supported
hh3clfOperStatus (1.3.6.1.4.1.25506.2.40.2.3.2.1.9)	read-only	No	Not supported
hh3clfDownTimes (1.3.6.1.4.1.25506.2.40.2.3.2.1.10)	read-only	No	Not supported
hh3clfDescription (1.3.6.1.4.1.25506.2.40.2.3.2.1.13)	read-write	Current	As per MIB

## 62.9 hh3clfUsingTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.3.4

Name	Access	PDS	Description
hh3clfUsingIndex (1.3.6.1.4.1.25506.2.40.2.3.4.1)	not-accessible	No	Not supported
hh3clfUsingSupportType (1.3.6.1.4.1.25506.2.40.2.3.4.2)	read-only	No	As per MIB
hh3clfUsingType (1.3.6.1.4.1.25506.2.40.2.3.4.3)	read-write	Current	As per MIB
hh3clfUsingStatus (1.3.6.1.4.1.25506.2.40.2.3.4.4)	read-only	Current	As per MIB

# 63 HH3C-IFQOS2-MIB

## 63.1 hh3clfQoSQueueModeTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.1.1

Name	Access	PDS	Description
hh3clfQoSQueueMode (1.3.6.1.4.1.25506.2.65.1.1.1.1.1) )	read-write	Current	Only support sp(1), wrr(5), hh3cfq(6), byteCountWrr(8) and byteCountWfq(9).

## 63.2 hh3clfQoSQueueWeightTable

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 hh3clfQoSQueueGroupType, variables that must be bound in a set operation include hh3clfQoSQueueGroupType, or hh3clfQoSQueueGroupType must not be bound in the set operation.

If the hh3clfQoSQueueGroupType is group0(1), hh3clfQoSQueueType and hh3clfQoSQueueValue must not be bound in the set operation.

If the hh3clfQoSQueueGroupType is group1(2) or group2(3), hh3clfQoSQueueType and hh3clfQoSQueueValue must be bound in the set operation.

If the system does not support hh3clfQoSQueueGroupType, hh3clfQoSQueueGroupType must not be bound in the set operation. And variables that must be bound in the set operation include hh3clfQoSQueueType and hh3clfQoSQueueValue.

If the hh3clfQoSQueueMinBandwidth is set, the hh3clfQoSQueueMode must be wfq mode.

Name	Access	PDS	Description
hh3clfQoSQueueID (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.1) )	not-accessible	No	Range from 0 to 7.
hh3clfQoSQueueGroupType (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).
hh3clfQoSQueueType (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.3) )	read-write	Current	As per MIB
hh3clfQoSQueueValue (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.4) )	read-write	Current	Range from 1 to 15.
hh3clfQoSQueueMaxDelay (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.
hh3clfQoSQueueMinBandwidth (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.

## 63.3 hh3clfQoSHardwareQueueRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.2.1

Name	Access	PDS	Description
hh3clfQoSPassPackets (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1)	read-only	No	As per MIB
hh3clfQoSDropPackets (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.2)	read-only	No	As per MIB
hh3clfQoSPassBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.3)	read-only	No	As per MIB
hh3clfQoSPassPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.4)	read-only	No	As per MIB
hh3clfQoSPassBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.5)	read-only	No	As per MIB
hh3clfQoSDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.6)	read-only	No	As per MIB
hh3clfQoSQueueLengthInPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.7)	read-only	No	As per MIB
hh3clfQoSQueueLengthInBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.8)	read-only	No	Not supported
hh3clfQoSCurQueuePkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.9)	read-only	No	Not supported
hh3clfQoSCurQueueBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.10)	read-only		Not supported
hh3clfQoSCurQueuePPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.11)	read-only	No	Not supported
hh3clfQoSCurQueueBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.12)	read-only	No	Not supported
hh3clfQoSTailDropPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.13)	read-only	No	Not supported
hh3clfQoSTailDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.14)	read-only	No	Not supported
hh3clfQoSTailDropPPS	read-only	No	Not supported



(1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1.5)			
hh3clfQoSSTailDropBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1.6)	read-only	No	Not supported
hh3clfQoSWredDropPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1.7)	read-only	No	Not supported
hh3clfQoSWredDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1.8)	read-only	No	Not supported
hh3clfQoSWredDropPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1.9)	read-only	No	Not supported
hh3clfQoSWredDropBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.2.0)	read-only	No	Not supported
hh3clfQoSPEakPassPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.2.4)	read-only	No	As per MIB
hh3clfQoSPEakPassBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.2.5)	read-only	No	As per MIB

## 63.4 hh3clfQoSLRConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.3.1

In the set operation, hh3clfQoSLRCir, hh3clfQoSLRCbs, hh3clfQoSLREbs should be set following the range. Get the range using the table hh3cQoS CapabilityTable.

hh3clfQoSLRCir must be bound in a set operation. If hh3clfQoSLRCbs or hh3clfQoSLREbs is not bound in the set operation, the value will be given by the system.

Name	Access	PDS	Description
hh3clfQoSLRDirection (1.3.6.1.4.1.25506.2.65.1.3.1.1.1)	not-accessible	Current	As per MIB
hh3clfQoSLRCir (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.
hh3clfQoSLRCbs (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.
hh3clfQoSLREbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.4)	read-create	Current	No supported
hh3clfQoSRowStatus (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).

hh3clfQoSLRPir (1.3.6.1.4.1.25506.2.65.1.3.1.1.6)	read-create	Current	Not supported
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## 63.5 hh3clfQoSPortPriorityTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.1

Name	Access	PDS	Description
hh3clfQoSPortPriorityValue (1.3.6.1.4.1.25506.2.65.1.7.1.1.1.1)	read-write	Current	As per MIB

## 63.6 hh3clfQoSPortPriorityTrustTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.2

Name	Access	PDS	Description
hh3clfQoSPortPriorityTrustTrustType (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).
hh3clfQoSPortPriorityTrustOvercastType (1.3.6.1.4.1.25506.2.65.1.7.1.2.1.2)	read-write	Current	Only support noOvercast(1).

## 63.7 hh3clfQoSPrePriMapTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.9.1.4

Name	Access	PDS	Description
hh3clfQoSPrePriMapTableType (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).
hh3clfQoSPrePriMapTableColor (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.2)	not-accessible	Current	Only support noColor(1).
hh3clfQoSPrePriMapTableDirection (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.3)	not-accessible	Current	Only support noDirection (1).
hh3clfQoSPrePriMapTableImportValue (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.4)	not-accessible	Current	As per MIB
hh3clfQoSPrePriMapTableExportValue	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.2.65.1.9.1.4.1.5)			
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## 63.8 hh3clfQoSProcessingStatusObjects

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.13

Name	Access	PDS	Description
hh3clfQoSProcessingStatus (1.3.6.1.4.1.25506.2.65.1.13.1)	read-only	No	As per MIB

# 64 HH3C-IKE-MONITOR-MIB

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

## 64.1 hh3clKETunnelTable

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.1

Name	Access	PDS	Description
hh3clKETunIndex (1.3.6.1.4.1.25506.2.30.1.1.1.1)	accessible-for-notify	No	As per MIB
hh3clKETunLocalType (1.3.6.1.4.1.25506.2.30.1.1.1.2)	read-only	No	As per MIB
hh3clKETunLocalValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.3)	read-only	No	As per MIB
hh3clKETunLocalValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.4)	read-only	No	Not supported
hh3clKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	read-only	deprecat ed	As per MIB
hh3clKETunRemoteType (1.3.6.1.4.1.25506.2.30.1.1.1.6)	read-only	No	As per MIB
hh3clKETunRemoteValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.7)	read-only	No	As per MIB
hh3clKETunRemoteValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.8)	read-only	No	Not supported
hh3clKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	read-only	deprecat ed	As per MIB
hh3clKETunInitiator (1.3.6.1.4.1.25506.2.30.1.1.1.10)	read-only	No	As per MIB
hh3clKETunNegoMode (1.3.6.1.4.1.25506.2.30.1.1.1.11)	read-only	No	As per MIB
hh3clKETunDiffHellmanGrp (1.3.6.1.4.1.25506.2.30.1.1.1.12)	read-only	No	As per MIB
hh3clKETunEncryptAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.13)	read-only	No	As per MIB

hh3clKETunHashAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.14)	read-only	No	As per MIB
hh3clKETunAuthMethod (1.3.6.1.4.1.25506.2.30.1.1.1.15)	read-only	No	As per MIB
hh3clKETunLifeTime (1.3.6.1.4.1.25506.2.30.1.1.1.16)	read-only	No	Range from 1 to 2147483647
hh3clKETunActiveTime (1.3.6.1.4.1.25506.2.30.1.1.1.17)	read-only	No	Range from 1 to 2147483647
hh3clKETunRemainTime (1.3.6.1.4.1.25506.2.30.1.1.1.18)	read-only	No	Range from 1 to 2147483647
hh3clKETunTotalRefreshes (1.3.6.1.4.1.25506.2.30.1.1.1.19)	read-only	No	As per MIB
hh3clKETunState (1.3.6.1.4.1.25506.2.30.1.1.1.20)	read-only	No	As per MIB
hh3clKETunDpdIntervalTime (1.3.6.1.4.1.25506.2.30.1.1.1.21)	read-only	No	Not supported
hh3clKETunDpdTimeOut (1.3.6.1.4.1.25506.2.30.1.1.1.22)	read-only	No	Not supported
hh3clKETunLocallnetAddrType (1.3.6.1.4.1.25506.2.30.1.1.1.23)	read-only	No	As per MIB
hh3clKETunLocallnetAddr (1.3.6.1.4.1.25506.2.30.1.1.1.24)	read-only	No	As per MIB
hh3clKETunRemotelnetAddrType (1.3.6.1.4.1.25506.2.30.1.1.1.25)	read-only	No	As per MIB
hh3clKETunRemotelnetAddr (1.3.6.1.4.1.25506.2.30.1.1.1.26)	read-only	No	As per MIB

## 64.2 hh3clKETunnelStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.2

Name	Access	PDS	Description
hh3clKETunInOctets (1.3.6.1.4.1.25506.2.30.1.2.1.1)	read-only	No	As per MIB
hh3clKETunInPkts (1.3.6.1.4.1.25506.2.30.1.2.1.2)	read-only	No	As per MIB
hh3clKETunInDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1.3)	read-only	No	As per MIB
hh3clKETunInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1.4)	read-only	No	As per MIB
hh3clKETunInP2ExchgRejets (1.3.6.1.4.1.25506.2.30.1.2.1.5)	read-only	No	As per MIB
hh3clKETunInP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.6)	read-only	No	As per MIB
hh3clKETunInP1SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.7)	read-only	No	As per MIB
hh3clKETunInNotifys (1.3.6.1.4.1.25506.2.30.1.2.1.8)	read-only	No	As per MIB

hh3clKETunOutOctets (1.3.6.1.4.1.25506.2.30.1.2.1.9)	read-only	No	As per MIB
hh3clKETunOutPkts (1.3.6.1.4.1.25506.2.30.1.2.1.10)	read-only	No	As per MIB
hh3clKETunOutDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1.11)	read-only	No	As per MIB
hh3clKETunOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1.12)	read-only	No	As per MIB
hh3clKETunOutP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.2.1.13)	read-only	No	As per MIB
hh3clKETunOutP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.14)	read-only	No	As per MIB
hh3clKETunOutP1SaDelRequests (1.3.6.1.4.1.25506.2.30.1.2.1.15)	read-only	No	As per MIB
hh3clKETunOutNotifys (1.3.6.1.4.1.25506.2.30.1.2.1.16)	read-only	No	As per MIB

## 64.3 hh3clKEGlobalStats

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.3

Name	Access	PDS	Description
hh3clKEGlobalActiveTunnels (1.3.6.1.4.1.25506.2.30.1.3.1)	read-only	No	As per MIB
hh3clKEGlobalInOctets (1.3.6.1.4.1.25506.2.30.1.3.2)	read-only	No	As per MIB
hh3clKEGlobalInPkts (1.3.6.1.4.1.25506.2.30.1.3.3)	read-only	No	As per MIB
hh3clKEGlobalInDropPkts (1.3.6.1.4.1.25506.2.30.1.3.4)	read-only	No	As per MIB
hh3clKEGlobalInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.5)	read-only	No	As per MIB
hh3clKEGlobalInP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.3.6)	read-only	No	As per MIB
hh3clKEGlobalInP2SaDelRequests (1.3.6.1.4.1.25506.2.30.1.3.7)	read-only	No	As per MIB
hh3clKEGlobalInNotifys (1.3.6.1.4.1.25506.2.30.1.3.8)	read-only	No	As per MIB
hh3clKEGlobalOutOctets (1.3.6.1.4.1.25506.2.30.1.3.9)	read-only	No	As per MIB
hh3clKEGlobalOutPkts (1.3.6.1.4.1.25506.2.30.1.3.10)	read-only	No	As per MIB
hh3clKEGlobalOutDropPkts (1.3.6.1.4.1.25506.2.30.1.3.11)	read-only	No	As per MIB
hh3clKEGlobalOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.12)	read-only	No	As per MIB
hh3clKEGlobalOutP2ExchgRejects (1.3.6.1.4.1.25506.2.30.1.3.13)	read-only	No	As per MIB

hh3clKEGlobalOutP2SaDelRequets (1.3.6.1.4.1.25506.2.30.1.3.14)	read-only	No	As per MIB
hh3clKEGlobalOutNotifys (1.3.6.1.4.1.25506.2.30.1.3.15)	read-only	No	As per MIB
hh3clKEGlobalInitTunnels (1.3.6.1.4.1.25506.2.30.1.3.16)	read-only	No	As per MIB
hh3clKEGlobalInitTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.17)	read-only	No	As per MIB
hh3clKEGlobalRespTunnels (1.3.6.1.4.1.25506.2.30.1.3.18)	read-only	No	As per MIB
hh3clKEGlobalRespTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.19)	read-only	No	As per MIB
hh3clKEGlobalAuthFails (1.3.6.1.4.1.25506.2.30.1.3.20)	read-only	No	As per MIB
hh3clKEGlobalNoSaFails (1.3.6.1.4.1.25506.2.30.1.3.21)	read-only	No	As per MIB
hh3clKEGlobalInvalidCookieFails (1.3.6.1.4.1.25506.2.30.1.3.22)	read-only	No	As per MIB
hh3clKEGlobalAttrNotSuppFails (1.3.6.1.4.1.25506.2.30.1.3.23)	read-only	No	Not supported
hh3clKEGlobalNoProposalChosenFails (1.3.6.1.4.1.25506.2.30.1.3.24)	read-only	No	As per MIB
hh3clKEGlobalUnsportExchTypeFails (1.3.6.1.4.1.25506.2.30.1.3.25)	read-only	No	As per MIB
hh3clKEGlobalInvalidIdFails (1.3.6.1.4.1.25506.2.30.1.3.26)	read-only	No	As per MIB
hh3clKEGlobalInvalidProFails (1.3.6.1.4.1.25506.2.30.1.3.27)	read-only	No	As per MIB
hh3clKEGlobalCertTypeUnsuppFails (1.3.6.1.4.1.25506.2.30.1.3.28)	read-only	No	As per MIB
hh3clKEGlobalInvalidCertAuthFails (1.3.6.1.4.1.25506.2.30.1.3.29)	read-only	No	Not supported
hh3clKEGlobalInvalidSignFails (1.3.6.1.4.1.25506.2.30.1.3.30)	read-only	No	Not supported
hh3clKEGlobalCertUnavailableFails (1.3.6.1.4.1.25506.2.30.1.3.31)	read-only	No	As per MIB

## 64.4 hh3clKETrapObject

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.4

Name	Access	PDS	Description
hh3clKEProposalNumber (1.3.6.1.4.1.25506.2.30.1.4.1)	accessible-for-notify	No	As per MIB
hh3clKEProposalSize (1.3.6.1.4.1.25506.2.30.1.4.2)	accessible-for-notify	No	As per MIB

hh3clKEIdInformation (1.3.6.1.4.1.25506.2.30.1.4.3)	accessible-for-notify	No	As per MIB
hh3clKEProtocolNum (1.3.6.1.4.1.25506.2.30.1.4.4)	accessible-for-notify	No	As per MIB
hh3clKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	accessible-for-notify	No	As per MIB

## 64.5 hh3clKETrapCntl

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.5

Name	Access	PDS	Description
hh3clKETrapGlobalCntl (1.3.6.1.4.1.25506.2.30.1.5.1)	read-write	No	As per MIB
hh3clKETunnelStartTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.2)	read-write	No	As per MIB
hh3clKETunnelStopTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.3)	read-write	No	As per MIB
hh3clKENoSaTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.4)	read-write	No	As per MIB
hh3clKEEncryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.5)	read-write	No	As per MIB
hh3clKEDecryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.6)	read-write	No	As per MIB
hh3clKEInvalidProposalTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.7)	read-write	No	As per MIB
hh3clKEAuthFailTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.8)	read-write	No	As per MIB
hh3clKEInvalidCookieTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.9)	read-write	No	As per MIB
hh3clKEInvalidSpiTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.10)	read-write	deprecat ed	As per MIB
hh3clKEAttrNotSuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.11)	read-write	No	As per MIB
hh3clKEUnsportExchTypeTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.12)	read-write	No	As per MIB
hh3clKEInvalidIdTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.13)	read-write	No	As per MIB
hh3clKEInvalidProtocolTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.14)	read-write	No	As per MIB
hh3clKECertTypeUnsuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.15)	read-write	No	As per MIB
hh3clKEInvalidCertAuthTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.16)	read-write	No	As per MIB
hh3clKEInvalidSignTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.17)	read-write	No	As per MIB
hh3clKECertUnavailableTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.18)	read-write	No	As per MIB

hh3clKEProposalAddTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.19)	read-write	No	As per MIB
hh3clKEProposalDelTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.20)	read-write	No	As per MIB

## 64.6 hh3clKEScalarObjects

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.7

Name	Access	PDS	Description
hh3clKEMIBVersion (1.3.6.1.4.1.25506.2.30.1.7.1)	read-only	Current	As per MIB

# 65 HH3C-INFO-CENTER-MIB

## 65.1 hh3clCLogbufferObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.1.1

Name	Access	PDS	Description
hh3clCMaxLogbufferSize (1.3.6.1.4.1.25506.2.119.1.1.1)	read-only	No	As per MIB
hh3clCLogbufferSize (1.3.6.1.4.1.25506.2.119.1.1.2)	read-write	Current	As per MIB
hh3clCLogbufferCurrentMessages (1.3.6.1.4.1.25506.2.119.1.1.3)	read-only	No	As per MIB
hh3clCLogbufferOverwrittenMessages (1.3.6.1.4.1.25506.2.119.1.1.4)	read-only	No	As per MIB
hh3clCLogbufferDroppedMessages (1.3.6.1.4.1.25506.2.119.1.1.5)	read-only	No	As per MIB

## 65.2 hh3clCLogbufferContTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.1.2

Name	Access	PDS	Description
hh3clCLogbufferContIndex (1.3.6.1.4.1.25506.2.119.1.2.1.1)	not-accessible	No	As per MIB
hh3clCLogbufferContDescription (1.3.6.1.4.1.25506.2.119.1.2.1.2)	read-only	No	As per MIB



## 65.3 hh3clCLoghostObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.2.1

Name	Access	PDS	Description
hh3clCMaxLoghost (1.3.6.1.4.1.25506.2.119.2.1.1)	read-only	No	As per MIB
hh3clCLoghostSourceInterface (1.3.6.1.4.1.25506.2.119.2.1.2)	read-write	Current	As per MIB
hh3clCLoghostTimestampType (1.3.6.1.4.1.25506.2.119.2.1.3)	read-write	Current	Only support date, iso, dateWithoutYear and none.

## 65.4 hh3clCLoghostTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.2.2

Name	Access	PDS	Description
hh3clCLoghostIndex (1.3.6.1.4.1.25506.2.119.2.2.1.1)	not-accessible	No	As per MIB
hh3clCLoghostIpAddressType (1.3.6.1.4.1.25506.2.119.2.2.1.2)	read-create	Current	As per MIB
hh3clCLoghostIpAddress (1.3.6.1.4.1.25506.2.119.2.2.1.3)	read-create	Current	As per MIB
hh3clCLoghostVPNName (1.3.6.1.4.1.25506.2.119.2.2.1.4)	read-create	Current	As per MIB
hh3clCLoghostFacility (1.3.6.1.4.1.25506.2.119.2.2.1.5)	read-create	Current	As per MIB
hh3clCLoghostOperateRowStatus (1.3.6.1.4.1.25506.2.119.2.2.1.6)	read-create	Current	As per MIB
hh3clCLoghostIpAddressPort (1.3.6.1.4.1.25506.2.119.2.2.1.7)	read-create	Current	As per MIB
hh3clCLoghostTAddress (1.3.6.1.4.1.25506.2.119.2.2.1.8)	read-create	Current	Only support IPv4.

## 65.5 hh3clCDirectionTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.3.1

Name	Access	PDS	Description
hh3clCDirectionIndex (1.3.6.1.4.1.25506.2.119.3.1.1.1)	not-accessible	No	As per MIB
hh3clCDirectionName (1.3.6.1.4.1.25506.2.119.3.1.1.2)	read-only	No	As per MIB
hh3clCDirectionState (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.

## 65.6 hh3clCModuleTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.4.1

Name	Access	PDS	Description
hh3clCModuleName (1.3.6.1.4.1.25506.2.119.4.1.1)	read-only	No	As per MIB

## 65.7 hh3clCLogObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.5.1

Name	Access	PDS	Description
hh3clCLogGlobalState (1.3.6.1.4.1.25506.2.119.5.1.1)	read-write	Current	As per MIB
hh3clCLogTimestampType (1.3.6.1.4.1.25506.2.119.5.1.2)	read-write	Current	Only support boot, date and none.

## 65.8 hh3clCLogTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.5.2

Name	Access	PDS	Description
hh3clCLogLevel (1.3.6.1.4.1.25506.2.119.5.2.1.1)	read-create	Current	As per MIB
hh3clCLogRowStatus (1.3.6.1.4.1.25506.2.119.5.2.1.2)	read-create	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".

# 66 HH3C-IP-ADDRESS-MIB

## 66.1 hh3clpAddrNotifyScalarObjects

Name	Access	PDS	Description
hh3clpAddrNotifyIfIndex (1.3.6.1.4.1.25506.2.67.2.1.1)	accessible-for-notify	No	As per MIB
hh3clpAddrOldIpAddress (1.3.6.1.4.1.25506.2.67.2.1.2)	accessible-for-notify	No	As per MIB
hh3clpAddrNewIpAddress (1.3.6.1.4.1.25506.2.67.2.1.3)	accessible-for-notify	No	As per MIB

## 66.2 hh3clpAddrSetTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.1

Name	Access	PDS	Description
hh3clpAddrSetIfIndex (1.3.6.1.4.1.25506.2.67.1.1.1.1.1)	not-accessible	Current	As per MIB
hh3clpAddrSetAddrType (1.3.6.1.4.1.25506.2.67.1.1.1.1.2)	not-accessible	Current	Only support ipv4(1)
hh3clpAddrSetAddr (1.3.6.1.4.1.25506.2.67.1.1.1.1.3)	not-accessible	Current	As per MIB
hh3clpAddrSetMask (1.3.6.1.4.1.25506.2.67.1.1.1.1.4)	read-create	Current	As per MIB
hh3clpAddrSetSourceType (1.3.6.1.4.1.25506.2.67.1.1.1.1.5)	read-create	Current	As per MIB
hh3clpAddrSetCatalog (1.3.6.1.4.1.25506.2.67.1.1.1.1.6)	read-create	Current	As per MIB
hh3clpAddrSetRowStatus (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.

## 66.3 hh3clpAddrReadTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.2

Name	Access	PDS	Description
hh3clpAddrReadIfIndex (1.3.6.1.4.1.25506.2.67.1.1.2.1.1)	not-accessible	Current	As per MIB
hh3clpAddrReadAddrType (1.3.6.1.4.1.25506.2.67.1.1.2.1.2)	not-accessible	Current	Only support ipv4(1)
hh3clpAddrReadAddr (1.3.6.1.4.1.25506.2.67.1.1.2.1.3)	not-accessible	Current	As per MIB
hh3clpAddrReadMask (1.3.6.1.4.1.25506.2.67.1.1.2.1.4)	read-only	Current	As per MIB
hh3clpAddrReadSourceType (1.3.6.1.4.1.25506.2.67.1.1.2.1.5)	read-only	Current	As per MIB
hh3clpAddrReadCatalog (1.3.6.1.4.1.25506.2.67.1.1.2.1.6)	read-only	Current	As per MIB

## 66.4 hh3clpv4AddrTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.3

Name	Access	PDS	Description
hh3clpv4AddrAddr (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.
hh3clpv4AddrMask (1.3.6.1.4.1.25506.2.67.1.1.3.1.2)	read-create	Current	As per MIB
hh3clpv4AddrRowStatus (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.

## 67 HH3C-IPV6-ADDRESS-MIB

### 67.1 hh3clpv6AddrSetTable

OID of this table is: 1.3.6.1.4.1.25506.2.71.1.1.1

Name	Access	PDS	Description
hh3clpv6AddrSetIfIndex (1.3.6.1.4.1.25506.2.71.1.1.1.1.1)	not-accessible	Current	As per MIB
hh3clpv6AddrSetAddrType (1.3.6.1.4.1.25506.2.71.1.1.1.1.2)	not-accessible	Current	Only support ipv6(2)
hh3clpv6AddrSetAddr (1.3.6.1.4.1.25506.2.71.1.1.1.1.3)	not-accessible	Current	As per MIB
hh3clpv6AddrSetPfxLength (1.3.6.1.4.1.25506.2.71.1.1.1.1.4)	read-create	Current	If the value of hh3clpv6AddrSetSourceType is 'assignedGblp' or 'assignedSLIp'. If the value of hh3clpv6AddrSetSourceType is 'assignedGbEUI64Ip' or 'assignedSLEUI64Ip', the length of the prefix must be set from 1 to 64.
hh3clpv6AddrSetSourceType (1.3.6.1.4.1.25506.2.71.1.1.1.1.5)	read-create	Current	As per MIB
hh3clpv6AddrSetRowStatus (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.

### 67.2 hh3clpv6AddrReadTable

OID of this table is: 1.3.6.1.4.1.25506.2.71.1.1.2

Name	Access	PDS	Description
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hh3clpv6AddrReadIfIndex (1.3.6.1.4.1.25506.2.71.1.1.2.1.1)	not-accessible	Current	As per MIB
hh3clpv6AddrReadAddrType (1.3.6.1.4.1.25506.2.71.1.1.2.1.2)	not-accessible	Current	Only support ipv6(2)
hh3clpv6AddrReadAddr (1.3.6.1.4.1.25506.2.71.1.1.2.1.3)	not-accessible	Current	As per MIB
hh3clpv6AddrReadPfxLength (1.3.6.1.4.1.25506.2.71.1.1.2.1.4)	read-only	Current	As per MIB
hh3clpv6AddrReadSourceType (1.3.6.1.4.1.25506.2.71.1.1.2.1.5)	read-only	Current	Only support assignedIp, assignedEUI64Ip, assignedautolp and autolp.
hh3clpv6AddrReadCatalog (1.3.6.1.4.1.25506.2.71.1.1.2.1.6)	read-only	Current	As per MIB

## 68 HH3C-LAG-MIB

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

### 68.1 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

### 68.2 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)	not-accessible	No	As per MIB
hh3cAggLinkName (1.3.6.1.4.1.25506.8.25.1.1.2)	read-create	Current	Not supported
hh3cAggLinkMode (1.3.6.1.4.1.25506.8.25.1.1.3)	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 (1.3.6.1.4.1.25506.8.25.1.1.4)	read-create	Current	Port member list of the AL
hh3cAggLinkState (1.3.6.1.4.1.25506.8.25.1.1.5)	read-create	Current	1 is returned in read operation
hh3cAggPortListSelectedPorts	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.25.1.1.1.6)			
hh3cAggPortListSamePartnerPorts (1.3.6.1.4.1.25506.8.25.1.1.1.7)	read-only	No	As per MIB

## 68.3 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

## 69 HH3C-LICENSE-MIB

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

### 69.1 ScalarObjects

Name	Access	PDS	Description
hh3cLicenseNotifyEnable (1.3.6.1.4.1.25506.2.145.1.1)	read-write	No	As per MIB
hh3cLicenseOpEntryMaxNum (1.3.6.1.4.1.25506.2.145.1.2)	read-write	No	As per MIB
hh3cLicenseNextFreeOpIndex (1.3.6.1.4.1.25506.2.145.1.3)	read-only	No	As per MIB

### 69.2 hh3cLicenseDevInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.145.2.1

Name	Access	PDS	Description
hh3cLicensePhysicalIndex (1.3.6.1.4.1.25506.2.145.2.1.1.1)	accessible-for-notify	Yes	As per MIB
hh3cLicenseSN (1.3.6.1.4.1.25506.2.145.2.1.1.2)	read-only	Yes	As per MIB
hh3cLicenseDeviceIDType (1.3.6.1.4.1.25506.2.145.2.1.1.3)	read-only	Yes	As per MIB
hh3cLicenseDeviceID	read-only	Yes	As per MIB

(1.3.6.1.4.1.25506.2.145.2.1.1.4)			
hh3cLicenseHardwareInfo (1.3.6.1.4.1.25506.2.145.2.1.1.5)	read-only	Yes	As per MIB
hh3cLicenseMaxNum (1.3.6.1.4.1.25506.2.145.2.1.1.6)	read-only	Yes	As per MIB
hh3cLicenseUsedNum (1.3.6.1.4.1.25506.2.145.2.1.1.7)	read-only	Yes	As per MIB
hh3cLicenseRecyclableNum (1.3.6.1.4.1.25506.2.145.2.1.1.8)	read-only	Yes	As per MIB
hh3cLicenseInstallType (1.3.6.1.4.1.25506.2.145.2.1.1.9)	read-only	Yes	As per MIB
hh3cLicenseFileStoragePath (1.3.6.1.4.1.25506.2.145.2.1.1.10)	read-only	Yes	As per MIB

## 69.3 hh3cLicenseGeneralTable

OID of this table is: 1.3.6.1.4.1.25506.2.145.2.2

Name	Access	PDS	Description
hh3cLicenseIndex (1.3.6.1.4.1.25506.2.145.2.2.1.1)	accessible-for-notify	Yes	As per MIB
hh3cLicenseFeature (1.3.6.1.4.1.25506.2.145.2.2.1.2)	read-only	Yes	As per MIB
hh3cLicenseProductDescr (1.3.6.1.4.1.25506.2.145.2.2.1.3)	read-only	Yes	As per MIB
hh3cLicenseFileDescr (1.3.6.1.4.1.25506.2.145.2.2.1.4)	read-only	Yes	As per MIB
hh3cLicenseState (1.3.6.1.4.1.25506.2.145.2.2.1.5)	read-only	Yes	As per MIB
hh3cLicenseActivationFile (1.3.6.1.4.1.25506.2.145.2.2.1.6)	read-only	Yes	As per MIB
hh3cLicenseActivationKey (1.3.6.1.4.1.25506.2.145.2.2.1.7)	read-only	Yes	As per MIB
hh3cLicenseLicenseKey (1.3.6.1.4.1.25506.2.145.2.2.1.8)	read-only	Yes	As per MIB
hh3cLicenseUninstActivationFile (1.3.6.1.4.1.25506.2.145.2.2.1.9)	read-only	Yes	As per MIB
hh3cLicenseUninstActivationKey (1.3.6.1.4.1.25506.2.145.2.2.1.10)	read-only	Yes	As per MIB
hh3cLicenseType (1.3.6.1.4.1.25506.2.145.2.2.1.11)	read-only	Yes	As per MIB
hh3cLicenseInstalledTime (1.3.6.1.4.1.25506.2.145.2.2.1.12)	read-only	Yes	As per MIB
hh3cLicenseUninstalledTime (1.3.6.1.4.1.25506.2.145.2.2.1.13)	read-only	Yes	As per MIB
hh3cLicenseDaysLeft (1.3.6.1.4.1.25506.2.145.2.2.1.14)	read-only	Yes	As per MIB

hh3cLicenseValidityStart (1.3.6.1.4.1.25506.2.145.2.2.1.15)	read-only	Yes	As per MIB
hh3cLicenseValidityEnd (1.3.6.1.4.1.25506.2.145.2.2.1.16)	read-only	Yes	As per MIB
hh3cLicenseExpiredDays (1.3.6.1.4.1.25506.2.145.2.2.1.17)	read-only	Yes	As per MIB
hh3cLicenseCount (1.3.6.1.4.1.25506.2.145.2.2.1.18)	read-only	Yes	As per MIB

## 69.4 hh3cLicenseFeatureTable

OID of this table is: 1.3.6.1.4.1.25506.2.145.2.3

Name	Access	PDS	Description
hh3cLicenseFeatureName (1.3.6.1.4.1.25506.2.145.2.3.1.1)	read-only	Yes	As per MIB
hh3cLicenseFeatureState (1.3.6.1.4.1.25506.2.145.2.3.1.2)	read-only	Yes	As per MIB

## 69.5 hh3cLicenseOpTable

OID of this table is: 1.3.6.1.4.1.25506.2.145.2.4

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



## 69.6 hh3cLicenseNotificationBindings

OID of this table is: 1.3.6.1.4.1.25506.2.145.3.1

Name	Access	PDS	Description
hh3cLicenseBindValidityPeriodRemaining (1.3.6.1.4.1.25506.2.145.3.1.1)	accessible-for-notify	No	As per MIB

## 70 HH3C-LPBKDT-MIB

### 70.1 Scalar objects

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
hh3cLpbkdtVlanEnable (1.3.6.1.4.1.25506.2.95.2.2)	read-write	current	As per MIB
hh3cLpbkdtAction (1.3.6.1.4.1.25506.2.95.2.3)	read-write	current	Only support log and shutdown actions, reserve block and nolearning actions.
hh3cLpbkdtIntervalTime (1.3.6.1.4.1.25506.2.95.2.4)	read-write	current	As per MIB

### 70.2 hh3cLpbkdtPortTable

OID of this table is: 1.3.6.1.4.1.25506.2.95.2.5

Name	Access	PDS	Description
hh3cLpbkdtPortIfIndex (1.3.6.1.4.1.25506.2.95.2.5.1.1)	accessible-for-notify	No	As per MIB
hh3cLpbkdtPortVlanEnable (1.3.6.1.4.1.25506.2.95.2.5.1.2)	read-write	current	As per MIB
hh3cLpbkdtPortAction (1.3.6.1.4.1.25506.2.95.2.5.1.3)	read-write	current	The aggregation port only supports log and shutdown actions.
hh3cLpbkdtPortLoopbacked (1.3.6.1.4.1.25506.2.95.2.5.1.4)	read-only	No	As per MIB

# 71 HH3C-LSW-DEV-ADM-MIB

## 71.1 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

## 71.2 hh3cLswFrameTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.2

Name	Access	PDS	Description
hh3cLswFrameIndex	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.35.18.4.2.1.1)			
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

## 71.3 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	Not support write operation in MDC.
hh3cLswSlotCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.4)	read-only	No	As per MIB
hh3cLswSlotPcbVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.5)	read-only	No	As per MIB
hh3cLswSlotSoftwareVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.6)	read-only	No	As per MIB
hh3cLswSubslotNumber (1.3.6.1.4.1.25506.8.35.18.4.3.1.7)	read-only	No	As per MIB
hh3cLswSlotAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.8)	read-only	No	As per MIB
hh3cLswSlotOperStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.9)	read-write	No	support read operation,and only support to write "reset". Not support write operation in MDC.
hh3cLswSlotPhyMemory (1.3.6.1.4.1.25506.8.35.18.4.3.1.10)	read-only	No	Need confirm by product.
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.

4)			
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
hh3cLswSlotRunTime (1.3.6.1.4.1.25506.8.35.18.4.3.1.19)	read-only	No	As per MIB
hh3cLswSlotMemRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.20)	read-only	No	As per MIB
hh3cLswSlotPhyMemRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.21)	read-only	No	As per MIB
hh3cLswSlotMemUsedRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.22)	read-only	No	Size of the memory space used by the software system on the board.
hh3cLswSlotModelDesc (1.3.6.1.4.1.25506.8.35.18.4.3.1.23)	read-only	No	As per MIB
hh3cLswSlotSerialNumber (1.3.6.1.4.1.25506.8.35.18.4.3.1.25)	read-only	No	As per MIB

## 71.4 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.

hh3cLswSubslotSerialNumber (1.3.6.1.4.1.25506.8.35.18.4.4.1.6)	read-only	No	As per MIB
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## 71.5 hh3cLswPortTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.5

Name	Access	PDS	Description
hh3cLswPortIndex (1.3.6.1.4.1.25506.8.35.18.4.5.1.1)	read-only	No	As per MIB
hh3cLswPortType (1.3.6.1.4.1.25506.8.35.18.4.5.1.2)	read-only	No	As per MIB
hh3cLswPortIfIndex (1.3.6.1.4.1.25506.8.35.18.4.5.1.3)	read-only	No	As per MIB
Hh3cLswPortIsPlugged (1.3.6.1.4.1.25506.8.35.18.4.5.1.4)	read-only	No	As per MIB

## 71.6 hh3cLswExtendModelTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.9

Name	Access	PDS	Description
hh3cLswExtendModelIndex (1.3.6.1.4.1.25506.8.35.18.4.9.1.1)	not-accessible	No	As per MIB
hh3cLswExtendModelDesc (1.3.6.1.4.1.25506.8.35.18.4.9.1.2)	read-only	No	Not supported

## 71.7 hh3cLswCpuTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.10

Name	Access	PDS	Description
hh3cLswCpuIndex (1.3.6.1.4.1.25506.8.35.18.4.10.1.1)	not-accessible	No	As per MIB
hh3cLswCpuEntityIndex (1.3.6.1.4.1.25506.8.35.18.4.10.1.2)	read-only	No	As per MIB
hh3cLswCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.10.1.3)	read-only	No	As per MIB
hh3cLswCpuSoftwareVersion (1.3.6.1.4.1.25506.8.35.18.4.10.1.4)	read-only	No	As per MIB
hh3cLswCpuAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.10.1.5)	read-only	No	As per MIB

hh3cLswCpuOperStatus (1.3.6.1.4.1.25506.8.35.18.4.10.1.6)	read-write	No	Support read operation,and only main CPU support to write "reset".  Not support write operation in MDC.
hh3cLswCpuPhyMemory (1.3.6.1.4.1.25506.8.35.18.4.10.1.7)	read-only	No	Need confirm by product.
hh3cLswCpuMemory (1.3.6.1.4.1.25506.8.35.18.4.10.1.8)	read-only	No	As per MIB
hh3cLswCpuMemoryUsed (1.3.6.1.4.1.25506.8.35.18.4.10.1.9)	read-only	No	As per MIB
hh3cLswCpuMemoryRatio (1.3.6.1.4.1.25506.8.35.18.4.10.1.10)	read-only	No	As per MIB

## 72 HH3C-LswDEVM-MIB

### 72.1 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

### 72.2 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 or fabric. Need confirm by products
hh3cDevMFanStatus (1.3.6.1.4.1.25506.8.35.9.1.1.1.2)	read-only	No	As per MIB

## 72.3 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. Need confirm by products
hh3cDevMPowerStatus (1.3.6.1.4.1.25506.8.35.9.1.2.1.2)	read-only	No	As per MIB

## 72.4 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

# 73 HH3C-LswIGSP-MIB

## 73.1 hh3cLswlgmpsnoopingMibObject

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1

Name	Access	PDS	Description
hh3clgmpSnoopingStatus (1.3.6.1.4.1.25506.8.35.7.1.1)	read-write	Current	The default setting is disabled
hh3clgmpSnoopingRouterPortAge (1.3.6.1.4.1.25506.8.35.7.1.2)	read-write	Current	The default value is 260. When the current configured value is greater than 1000, the displayed value on the MIB tool is always 1000.
hh3clgmpSnoopingResponseTime (1.3.6.1.4.1.25506.8.35.7.1.3)	read-write	Current	As per MIB When the current configured value is greater than 25, the

			displayed value on the MIB tool is always 25.
hh3clgmpSnoopingHostTime (1.3.6.1.4.1.25506.8.35.7.1.4)	read-write	Current	As per MIB When the current configured value is greater than 1000, the displayed value on the MIB tool is always 1000. When the current configured value is less than 200, the displayed value on the MIB tool is always 200.
hh3clgmpSnoopingNonFloodingStatus (1.3.6.1.4.1.25506.8.35.7.1.8)	read-write	Current	Not supported

## 73.2 hh3clgmpSnoopingVlanStatusTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1.9

Name	Access	PDS	Description
hh3clgmpSnoopingVlanID (1.3.6.1.4.1.25506.8.35.7.1.9.1.1)	not-accessible	No	As per MIB
hh3clgmpSnoopingVlanEnabled (1.3.6.1.4.1.25506.8.35.7.1.9.1.2)	read-write	Current	As per MIB

## 73.3 hh3clgmpSnoopingStatsObjects

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1.10

Name	Access	PDS	Description
hh3cRecvIGMPGQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.1)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPSQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.2)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPV1ReportNum (1.3.6.1.4.1.25506.8.35.7.1.10.3)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPV2ReportNum (1.3.6.1.4.1.25506.8.35.7.1.10.4)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPLeaveNum (1.3.6.1.4.1.25506.8.35.7.1.10.5)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvErrorIGMPPacketNum (1.3.6.1.4.1.25506.8.35.7.1.10.6)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for



			IGMP snooping packets.
hh3cSentiGMPSQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.7)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cIgmP SnoopingClearStats (1.3.6.1.4.1.25506.8.35.7.1.10.8)	read-write	No	As per MIB

## 74 HH3C-LswINF-MIB

### 74.1 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
hh3cifMulSuppressionFlag (1.3.6.1.4.1.25506.8.35.1.1.1.41)	read-write	Current	As per MIB

## 74.2 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

## 74.3 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

## 74.4 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

## 74.5 hh3cifQueuePktBufTable

802.1p queue of the interface packet buffer table.

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.6

Name	Access	PDS	Description
hh3cifQueueId (1.3.6.1.4.1.25506.8.35.1.6.1.1)	read-only	No	As per MIB
hh3cifQueuePktBufTotal (1.3.6.1.4.1.25506.8.35.1.6.1.2)	read-only	No	As per MIB
hh3cifQueueBufUsed (1.3.6.1.4.1.25506.8.35.1.6.1.3)	read-only	No	As per MIB
hh3cifQueueBufThreCount (1.3.6.1.4.1.25506.8.35.1.6.1.4)	read-only	No	As per MIB

## 74.6 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	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.35.5.1.2)			
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.

## 74.7 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.

## 74.8 hh3cethernetTable hh3cLswL2InfMibObject

of

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.4

Name	Access	PDS	Description
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hh3cifEthernetDuplex (1.3.6.1.4.1.25506.8.35.5.1.4.1.3)	read-write	Current	Only full and auto can be written to interface with fiber-optic connector or whose speed is above 1000.  Write is not supported by L3 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 GigabitEthernet 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	Write 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
hh3cifVlanVPNPID(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

## 74.9 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

## 74.10 hh3cifPortProtocolStatTable

This table contains objects of port statistics information based on IPv4 and IPv6 protocols.

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.13

Name	Access	PDS	Description
hh3cifIPv4InOctets (1.3.6.1.4.1.25506.8.35.5.1.13.1.1)	read-only	No	As per MIB
hh3cifIPv4InUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.2)	read-only	No	As per MIB

hh3cifIPv4InMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.3)	read-only	No	As per MIB
hh3cifIPv4InBroadcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.4)	read-only	No	As per MIB
hh3cifIPv4InDiscards (1.3.6.1.4.1.25506.8.35.5.1.13.1.5)	read-only	No	As per MIB
hh3cifIPv4InErrors (1.3.6.1.4.1.25506.8.35.5.1.13.1.6)	read-only	No	As per MIB
hh3cifIPv4OutOctets (1.3.6.1.4.1.25506.8.35.5.1.13.1.7)	read-only	No	As per MIB
hh3cifIPv4OutUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.8)	read-only	No	As per MIB
hh3cifIPv4OutMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.9)	read-only	No	As per MIB
hh3cifIPv4OutBroadcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.10)	read-only	No	As per MIB
hh3cifIPv4OutDiscards (1.3.6.1.4.1.25506.8.35.5.1.13.1.11)	read-only	No	As per MIB
hh3cifIPv4OutErrors (1.3.6.1.4.1.25506.8.35.5.1.13.1.12)	read-only	No	As per MIB
hh3cifIPv6InOctets (1.3.6.1.4.1.25506.8.35.5.1.13.1.13)	read-only	No	As per MIB
hh3cifIPv6InUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.14)	read-only	No	As per MIB
hh3cifIPv6InMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.15)	read-only	No	As per MIB
hh3cifIPv6InAnycastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.16)	read-only	No	As per MIB
hh3cifIPv6InDiscards (1.3.6.1.4.1.25506.8.35.5.1.13.1.17)	read-only	No	As per MIB
hh3cifIPv6InErrors (1.3.6.1.4.1.25506.8.35.5.1.13.1.18)	read-only	No	As per MIB
hh3cifIPv6OutOctets (1.3.6.1.4.1.25506.8.35.5.1.13.1.19)	read-only	No	As per MIB
hh3cifIPv6OutUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.20)	read-only	No	As per MIB
hh3cifIPv6OutMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.13.1.21)	read-only	No	As per MIB
hh3cifIPv6OutAnycastPkts	read-only	No	As per MIB



(1.3.6.1.4.1.25506.8.35.5.1.13.1.2 2)			
hh3cifIPv6OutDiscards (1.3.6.1.4.1.25506.8.35.5.1.13.1.2 3)	read-only	No	As per MIB
hh3cifIPv6OutErrors (1.3.6.1.4.1.25506.8.35.5.1.13.1.2 4)	read-only	No	As per MIB

## 75 HH3C-LswMAM-MIB

### 75.1 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

## 76 HH3C-LswMix-MIB

### 76.1 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.

## 76.2 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

## 77 HH3C-LswMSTP-MIB

This MIB is used for products which support MSTP function.

### 77.1 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, the value is 2 (rstp) when the spanning tree mode is pvst.
hh3cdot1sStpDiameter (1.3.6.1.4.1.25506.8.35.14.3)	read-write	Current	The object is correlated with dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay, which is defined in IEEE 802.1d standard. A modification to this object will cause the other three to change. Changing any of dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay alone will result in incorrect correlation between this object and these three ones. If any of these three objects changed, the reading value of this object is insignificant.
hh3cdot1sMstBridgeMaxHops (1.3.6.1.4.1.25506.8.35.14.4)	read-write	Current	As per MIB
hh3cdot1sMstMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.5)	read-only	No	As per MIB
hh3cdot1sMstMasterPathCost (1.3.6.1.4.1.25506.8.35.14.6)	read-only	No	As per MIB
hh3cdot1sMstBpduGuard (1.3.6.1.4.1.25506.8.35.14.7)	read-write	Current	As per MIB
hh3cdot1sMstAdminFormatSelect or (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	read-write	No	As per MIB

(1.3.6.1.4.1.25506.8.35.14.10)			
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.

## 77.2 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

## 77.3 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	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.35.14.19.1.4)			
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

## 77.4 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	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.35.14.20.1.10)			
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
hh3cdot1sMstiStpOperPortPointTo Point (1.3.6.1.4.1.25506.8.35.14.20.1.29)	read-only	Current	As per MIB
hh3cdot1sMstiStpPortAdminBPDU Fmt (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.
hh3cdot1sMstiStpPortOperBPDU Fmt (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

## 78 HH3C-LswVLAN-MIB

This MIB is used for switch only.

### 78.1 Scalar objects

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

## 78.2 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)	read-write	No	Not supported

## 78.3 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

## 78.4 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	Through this MIB node only access type ports can be added or deleted.
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	Not supported.
hh3cdot1qVlanRowStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.13)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)
hh3cdot1qVlanBroadcastSuppression (1.3.6.1.4.1.25506.8.35.2.1.1.1.14)	read-write	No	Only support read operation
hh3cdot1qVlanBcastSuppressionPPS (1.3.6.1.4.1.25506.8.35.2.1.1.1.15)	read-write	No	Not supported.
hh3cdot1qVlanMulticast (1.3.6.1.4.1.25506.8.35.2.1.1.1.16)	read-write	No	Not supported.
hh3cdot1qVlanTaggedPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.17)	read-only	Current	As per MIB
hh3cdot1qVlanUntaggedPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.18)	read-only	Current	As per MIB
hh3cdot1qVlanPortIndexs (1.3.6.1.4.1.25506.8.35.2.1.1.1.19)	read-write	Current	As per MIB

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

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

The configure nodes in this table include:

hh3cdot1qVlanName

hh3cdot1qVlanPorts

hh3cdot1qVlanType

hh3cdot1qVlanPriority

hh3cdot1qVlanRowStatus



hh3cdot1qVlanBroadcastSuppression  
hh3cdot1qVlanBcastSuppressionPPS  
hh3cdot1qVlanMulticast (Not support)

Rest of the leaf nodes are query nodes.

## 2.hh3cdot1qVlanMIBTable configuration instruction:

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

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

For this MIB, there are two kinds of operation:

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

When the rowstatus node and the following nodes are set simultaneously

hh3cdot1qVlanName  
hh3cdot1qVlanPorts  
hh3cdot1qVlanType  
hh3cdot1qVlanPriority  
hh3cdot1qVlanBroadcastSuppression  
hh3cdot1qVlanBcastSuppressionPPS  
hh3cdot1qVlanMulticast (Not support)

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

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

Here are some examples for the error mentioned above:

1) hh3cdot1qVlanPorts: 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.

## 78.5 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

## 78.6 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

## 78.7 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 active(1), createAndgo(4) and destroy(6).

## 78.8 hh3cDot1qVlanBatchMIBTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.6

VLAN batch configuration table.

In the case of VLAN batch creation, hh3cdot1qVlanBatchSetOperate should be set to 1.

For example, if creating a row is for creating VLANs 2 to 4, the value of the objects should be set as follows:

hh3cdot1qVlanBatchStartIndex 2,

hh3cdot1qVlanBatchEndIndex 4,

hh3cdot1qVlanBatchSetOperate create(1),

hh3cdot1qVlanBatchRowStatus createAndGo(4).

In the case of VLAN batch deletion, hh3cdot1qVlanBatchSetOperate should be set to 2.

For example, if creating a row is for deleting VLANs 10 to 20, the value of the objects should be set as follows:

hh3cdot1qVlanBatchStartIndex 10,

hh3cdot1qVlanBatchEndIndex 20,

hh3cdot1qVlanBatchSetOperate delete(2),

hh3cdot1qVlanBatchRowStatus createAndGo(4).

When the action of batch VLANs deleting or creating is done, one row will be existent until it is deleted manually or ages out, but the VLANs of it won't disappear with the deletion of the row.

Name	Access	PDS	Description
hh3cdot1qVlanBatchOperIndex (1.3.6.1.4.1.25506.8.35.2.1.6.1.1)	read-only	No	Not Supported
hh3cdot1qVlanBatchStartIndex (1.3.6.1.4.1.25506.8.35.2.1.6.1.2)	read-write	Current	Not Supported
hh3cdot1qVlanBatchEndIndex (1.3.6.1.4.1.25506.8.35.2.1.6.1.3)	read-write	Current	Not Supported
hh3cdot1qVlanBatchOperStatus (1.3.6.1.4.1.25506.8.35.2.1.6.1.4)	read-only	No	Not Supported
hh3cdot1qVlanBatchRowStatus (1.3.6.1.4.1.25506.8.35.2.1.6.1.5)	read-create	Current	Not Supported
hh3cdot1qVlanBatchSetOperate (1.3.6.1.4.1.25506.8.35.2.1.6.1.6)	read-create	Current	Not Supported

## 78.9 hh3cifSuperVlanMappingTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.7

Sub VLAN lists of super-VLANs

Name	Access	PDS	Description
hh3cifSuperVlanID (1.3.6.1.4.1.25506.8.35.2.1.7.1.1)	read-only	No	Not Supported
hh3cifSubVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.7.1.2)	read-write	Current	Not Supported
hh3cifSubVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.7.1.3)	read-write	Current	Not Supported

## 78.10 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

## 79 HH3C-MAC-INFORMATION-MIB

### 79.1 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

## 79.2 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

## 79.3 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

# 80 HH3C-MIRRORGROUP-MIB

## 80.1 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).

## 80.2 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).

## 80.3 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).

## 80.4 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).

## 80.5 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).

## 80.6 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).

## 81 HH3C-MPM-MIB

### 81.1 hh3cMPMObject

OID of this table is: 1.3.6.1.4.1.25506.2.51.1

Name	Access	PDS	Description
hh3cMPortGroupLimitMinNumber (1.3.6.1.4.1.25506.2.51.1.1)	read-only	No	The value is 0
hh3cMPortGroupLimitMaxNumber (1.3.6.1.4.1.25506.2.51.1.2)	read-only	No	The value is 4294967295

### 81.2 hh3cMPortGroupJoinTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.1

Name	Access	PDS	Description
hh3cMPortGroupJoinVlanID (1.3.6.1.4.1.25506.2.51.2.1.1.1)	not-accessible	No	As per MIB
hh3cMPortGroupJoinAddressType (1.3.6.1.4.1.25506.2.51.2.1.1.2)	not-accessible	No	As per MIB
hh3cMPortGroupJoinAddress (1.3.6.1.4.1.25506.2.51.2.1.1.3)	not-accessible	No	As per MIB
hh3cMPortGroupJoinStatus (1.3.6.1.4.1.25506.2.51.2.1.1.4)	read-create	Current	Only support CreateAndGo, Active and Destroy

### 81.3 hh3cMPortGroupTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.2

Name	Access	PDS	Description
hh3cMPortGroupVlanID (1.3.6.1.4.1.25506.2.51.2.2.1.1)	not-accessible	No	As per MIB
hh3cMPortGroupAddressType (1.3.6.1.4.1.25506.2.51.2.2.1.2)	read-only	No	As per MIB
hh3cMPortGroupAddress (1.3.6.1.4.1.25506.2.51.2.2.1.3)	read-only	No	As per MIB



## 81.4 hh3cMPortConfigEntry

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.3.1

Name	Access	PDS	Description
hh3cMPortConfigVlanID (1.3.6.1.4.1.25506.2.51.2.3.1.1)	not-accessible	No	As per MIB
hh3cMPortGroupLimitNumber (1.3.6.1.4.1.25506.2.51.2.3.1.2)	read-create	Current	As per MIB
hh3cMPortFastLeaveStatus (1.3.6.1.4.1.25506.2.51.2.3.1.3)	read-create	Current	As per MIB
hh3cMPortGroupPolicyParameter (1.3.6.1.4.1.25506.2.51.2.3.1.4)	read-create	Current	As per MIB
hh3cMPortConfigRowStatus (1.3.6.1.4.1.25506.2.51.2.3.1.5)	read-create	No	Only support CreateAndGo, Active and Destroy
hh3cMPortGroupLimitReplace (1.3.6.1.4.1.25506.2.51.2.3.1.6)	read-create	Current	As per MIB

## 81.5 hh3cHostStaticJoinTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.4

Name	Access	PDS	Description
hh3cHostStaticJoinVlanID (1.3.6.1.4.1.25506.2.51.2.4.1.1)	not-accessible	No	As per MIB
hh3cHostStaticJoinAddressType (1.3.6.1.4.1.25506.2.51.2.4.1.2)	not-accessible	No	As per MIB
hh3cHostStaticJoinAddress (1.3.6.1.4.1.25506.2.51.2.4.1.3)	not-accessible	Current	As per MIB
hh3cHostStaticJoinStatus (1.3.6.1.4.1.25506.2.51.2.4.1.4)	read-create	No	Only support CreateAndGo, Active and Destroy

# 82 HH3C-NPV-MIB

The HH3C-NPV-MIB is for the management of N\_port Virtualization or NPV within the framework of N\_port virtualization(NPV) architecture. N\_Port virtualization reduces the number of Fibre Channel domain IDs in SANs (Storage Area Network). Switches operating in the NPV mode do not join a fabric; rather, they pass traffic between NPV core switch links and end-devices, which eliminate the domain IDs for these edge switches.

## 82.1 Scalar Objects

Name	Access	PDS	Description
hh3cNpvLoadbalanceVsan (1.3.6.1.4.1.25506.2.127.6.1.1.1.1)	read-write	No	Only support write operation

## 82.2 hh3cNpvTrafficMapConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.6.1.1.1.2

Name	Access	PDS	Description
hh3cNpvTrafficMapExternallfIndexList(1.3.6.1.4.1.25506.2.127.6.1.1.1.2.1.1)	read-create	Current	As per MIB
hh3cNpvTrafficMapLastChange(1.3.6.1.4.1.25506.2.127.6.1.1.1.2.1.2)	read-only	No	As per MIB
hh3cNpvTrafficMapRowStatus(1.3.6.1.4.1.25506.2.127.6.1.1.1.2.1.3)	read-create	Current	As per MIB

## 82.3 hh3cNpvServerIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.6.1.1.1.3

Name	Access	PDS	Description
hh3cNpvExternallfIndex(1.3.6.1.4.1.25506.2.127.6.1.1.1.3.1.1)	read-only	No	As per MIB

## 82.4 hh3cNpvLoadBalanceTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.6.1.1.4

Name	Access	PDS	Description
hh3cNpvAutoLoadBalanceEnable(1.3.6.1.4.1.25506.2.127.6.1.1.4.1.1)	read-write	Current	As per MIB
hh3cNpvAutoLoadBalanceInterval(1.3.6.1.4.1.25506.2.127.6.1.1.4.1.2)	read-write	Current	As per MIB

## 83 HH3C-NQA-MIB

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

### 83.1 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

## 83.2 hh3cNqaCtlTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.2

The parameter which is not supported by the corresponding pingCtlType cannot be configured.

Once the configuration is modified, the result, histories, and statistics of the corresponding entry will be cleared.

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

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

If the parameter which is not supported by the corresponding pingCtlType is read, the result is invalid.

The following table shows the relationship between pingCtlType and parameters.

Value of pingCtlType	Support parameters
pingIcmpEcho	hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingUdpEcho hh3cNqaUdpEcho	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingSnmpQuery	hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingTcpConnectionAttempt hh3cNqaTcpconnect	hh3cNqaCtlTargetPort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
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 hh3cNqaCtlCPIFAdvFactor 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	<p>When doing UDP-jitter test,the range is from 10 to 1000,and the default value is 10,</p> <p>When doing voice test, the range is from 10 to 60000, and the default value is 1000.</p> <p>Only voice test and UDP-jitter test is supported ,the default vaule of other test is 10</p>
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	<p>When config the raw type of hh3cNqaCtlHttpOperationType, the length of url is from 0 to 1023.</p> <p>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 <i>http://host/resource</i>.</p> <p>The length of resource is from 0 to 246 .</p> <p>The resource is case-sensitive.</p> <p>The version supports "HTTP/1.0" and "HTTP/1.1"(case-insensitive).</p> <p>The default value of this object is v1.0.</p> <p>The value of this object must have one space and only one space. The space is the separator of resource and version.</p> <p>If the value of this object is zero-length string, the resource and version are set to default value.</p>
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	<p>For put operation of hh3cNqaCtlFtpOperationType, the length of this object is from 1 to 200;</p> <p>For get operation of hh3cNqaCtlFtpOperationType,</p>

			the length of this object is from 1 to 247.
hh3cNqaCtlVPNInstance (1.3.6.1.4.1.25506.8.3.1.2.1.12)	read-create	Current	The length of this object is from 0 to 31. If the product does not support VPN feature, this object cannot be set.
hh3cNqaCtlHistoryKeptTime (1.3.6.1.4.1.25506.8.3.1.2.1.13)	read-create	Current	As per MIB
hh3cNqaCtlHistoryEnable (1.3.6.1.4.1.25506.8.3.1.2.1.14)	read-create	Current	As per MIB
hh3cNqaCtlICPIFAdvFactor (1.3.6.1.4.1.25506.8.3.1.2.1.15)	read-create	Current	Range from 0 to 20
hh3cNqaCtlCodecType (1.3.6.1.4.1.25506.8.3.1.2.1.16)	read-create	Current	<p>If the corresponding pingCtlType is not hh3cNqajitter, this object is invalid.</p> <p>If the corresponding pingCtlType is hh3cNqajitter and this object is set to notDefined, it is JITTER test.</p> <p>If the corresponding pingCtlType is hh3cNqajitter and this object is set to g711Alaw, g711Ulaw or g729A, it is VOICE test.</p> <p>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.</p> <p>The current supported value is notDefined, g711Alaw, g711Ulaw and g729A.</p>

## 83.3 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

## 83.4 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

hh3cNqaJitterStatsNumOfPositive sSD (1.3.6.1.4.1.25506.8.3.1.4.1.4)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfPositive sSD (1.3.6.1.4.1.25506.8.3.1.4.1.5)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2Positives SD (1.3.6.1.4.1.25506.8.3.1.4.1.6)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfNegative sSD (1.3.6.1.4.1.25506.8.3.1.4.1.7)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfNegative sSD (1.3.6.1.4.1.25506.8.3.1.4.1.8)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfNegativ esSD (1.3.6.1.4.1.25506.8.3.1.4.1.9)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfNegativ esSD (1.3.6.1.4.1.25506.8.3.1.4.1.10)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2Negative sSD (1.3.6.1.4.1.25506.8.3.1.4.1.11)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfPositives DS (1.3.6.1.4.1.25506.8.3.1.4.1.12)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfPositives DS (1.3.6.1.4.1.25506.8.3.1.4.1.13)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfPositive sDS (1.3.6.1.4.1.25506.8.3.1.4.1.14)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfPositive sDS (1.3.6.1.4.1.25506.8.3.1.4.1.15)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2Positives DS (1.3.6.1.4.1.25506.8.3.1.4.1.16)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfNegative sDS (1.3.6.1.4.1.25506.8.3.1.4.1.17)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfNegative sDS (1.3.6.1.4.1.25506.8.3.1.4.1.18)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfNegativ esDS (1.3.6.1.4.1.25506.8.3.1.4.1.19)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfNegativ esDS (1.3.6.1.4.1.25506.8.3.1.4.1.20)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2Negative sDS	read-only	No	As per MIB



(1.3.6.1.4.1.25506.8.3.1.4.1.21)			
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
hh3cNqaJitterStatsOperOfCPIF (1.3.6.1.4.1.25506.8.3.1.4.1.29)	read-only	No	Only voice test is supported.
hh3cNqaJitterStatsOperOfMOS (1.3.6.1.4.1.25506.8.3.1.4.1.30)	read-only	No	Only voice test is supported the value of this object is 100 times of the actual value.
hh3cNqaJitterStatsAveSD (1.3.6.1.4.1.25506.8.3.1.4.1.31)	read-only	No	As per MIB

hh3cNqaJitterStatsAveDS (1.3.6.1.4.1.25506.8.3.1.4.1.32)	read-only	No	As per MIB
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## 83.5 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)

## 83.6 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)

## 83.7 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.
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## 83.8 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
hh3cNqaStatResIpTargetAddress Type (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
hh3cNqaStatResRttSumOfSquare s (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
hh3cNqaStatResRttNumDisconne cts (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
hh3cNqaStatResRttNoConnection s (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
hh3cNqaStatResRttSequenceErro rs (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

## 83.9 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	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.3.1.12.1.9)			
hh3cNqaStatJitterSumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.10)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquareNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.11)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.12)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.13)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.14)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.15)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquarePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.16)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.17)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.18)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.19)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.20)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquareNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.21)	read-only	No	As per MIB
hh3cNqaStatJitterPacketLossSD (1.3.6.1.4.1.25506.8.3.1.12.1.22)	read-only	No	As per MIB
hh3cNqaStatJitterPacketLossDS (1.3.6.1.4.1.25506.8.3.1.12.1.23)	read-only	No	As per MIB
hh3cNqaStatJitterAvePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.24)	read-only	No	As per MIB
hh3cNqaStatJitterAveNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.25)	read-only	No	As per MIB
hh3cNqaStatJitterAvePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.26)	read-only	No	As per MIB
hh3cNqaStatJitterAveNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.27)	read-only	No	As per MIB
hh3cNqaStatJitterPktLossUnknown (1.3.6.1.4.1.25506.8.3.1.12.1.28)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfICPIF (1.3.6.1.4.1.25506.8.3.1.12.1.29)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMinOfICPIF (1.3.6.1.4.1.25506.8.3.1.12.1.30)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMaxOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.31)	read-only	No	Only voice test is supported ,the value of this object is 100 times of the actual value

hh3cNqaStatJitterMinOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.32)	read-only	No	Only voice test is supported ,the value of this object is 100 times of the actual value
hh3cNqaStatJitterAveSD (1.3.6.1.4.1.25506.8.3.1.12.1.33)	read-only	No	As per MIB
hh3cNqaStatJitterAveDS (1.3.6.1.4.1.25506.8.3.1.4.1.34)	read-only	No	As per MIB

## 83.10 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	<p>Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".</p> <p>Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".</p> <p>Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>
hh3cNqaReactThresholdLowerLimit (1.3.6.1.4.1.25506.8.3.1.13.1.6)	read-create	No	<p>Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".</p> <p>Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".</p> <p>Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>

hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	read-create	No	<p>The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds".</p> <p>The value of this object can be set to "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterpacketloss".</p> <p>The value of this object can be set to "average", "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probetime".</p> <p>The value of this object can be set to "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probefailure".</p> <p>The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterrtt".</p> <p>The value of this object shouldn't be set in other cases.</p>
hh3cNqaReactThresholdConsecNum (1.3.6.1.4.1.25506.8.3.1.13.1.8)	read-create	No	<p>Ranges from 1 to 16 when the value of hh3cNqaReactCheckedElement is "probetime" or "probefailure".</p> <p>The value of this object shouldn't be set in other cases.</p>
hh3cNqaReactThresholdAccumNum (1.3.6.1.4.1.25506.8.3.1.13.1.9)	read-create	No	<p>Ranges from 1 to 14999 when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is UDP-jitter.</p> <p>Ranges from 1 to 59999 when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds" and the test type is Voice.</p> <p>Ranges from 1 to 15000 when the value of hh3cNqaReactCheckedElement is "jitterpacketloss" or "jitterrtt" and the test type is UDP-jitter.</p> <p>Ranges from 1 to 60000 when the value of hh3cNqaReactCheckedElement is "jitterpacketloss" or "jitterrtt" and the test type is Voice.</p> <p>Ranges from 1 to 15 when the value of hh3cNqaReactCheckedElement is "probetime" or "probefailure".</p> <p>The value of this object shouldn't be set in other cases.</p>

hh3cNqaReactActionType (1.3.6.1.4.1.25506.8.3.1.13.1.10)	read-create	No	<p>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".</p> <p>The value of this object can be set to "none", "trapOnly" or "triggerOnly" when the value of hh3cNqaReactCheckedElement is "probefailure".</p> <p>The value of this object shouldn't be set in other cases.</p>
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

## 83.11 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

## 83.12 hh3cNqaTcpExtendServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.15

Name	Access	PDS	Description
hh3cNqaTcpServerExtIpAddress (1.3.6.1.4.1.25506.8.3.1.15.1.1)	not-accessible	Current	As per MIB
hh3cNqaTcpServerExtPort (1.3.6.1.4.1.25506.8.3.1.15.1.2)	not-accessible	Current	Range from 1 to 65535
hh3cNqaTcpServerExtVPNTType (1.3.6.1.4.1.25506.8.3.1.15.1.3)	not-accessible	Current	Only support public(1) and vpn(2).



hh3cNqaTcpServerExtVPNInstance (1.3.6.1.4.1.25506.8.3.1.15.1.4)	not-accessible	Current	<p>The length of this object is from 0 to 31.</p> <p>For set operation:</p> <p>If the NQA server listens on the public network, the value of hh3cNqaTcpServerExtVPNTType must be public(1) and the value of this object can be set to any non-printable character string.</p> <p>If the NQA server listens on the private network, the value of hh3cNqaTcpServerExtVPNTType must be vpn(2) and the value of this object can be set to any non-printable character string.</p> <p>For get operation:</p> <p>If the NQA server listens on the public network, the value of the object can be public</p>
hh3cNqaTcpServerExtDSField (1.3.6.1.4.1.25506.8.3.1.15.1.5)	read-create	Current	As per MIB
hh3cNqaTcpServerExtRowStatus (1.3.6.1.4.1.25506.8.3.1.15.1.6)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)

## 83.13 hh3cNqaUdpExtendServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.16

Name	Access	PDS	Description
hh3cNqaUdpServerExtIpAddress (1.3.6.1.4.1.25506.8.3.1.16.1.1)	not-accessible	Current	As per MIB
hh3cNqaUdpServerExtPort (1.3.6.1.4.1.25506.8.3.1.16.1.2)	not-accessible	Current	Range from 1 to 65535
hh3cNqaUdpServerExtVPNTType (1.3.6.1.4.1.25506.8.3.1.16.1.3)	not-accessible	Current	Only support public(1) and vpn(2).
hh3cNqaUdpServerExtVPNInstance (1.3.6.1.4.1.25506.8.3.1.16.1.4)	not-accessible	Current	<p>The length of this object is from 0 to 31.</p> <p>For set operation:</p> <p>If the NQA server listens on the public network, the value of hh3cNqaTcpServerExtVPNTType must be public(1) and the value of this object can be set to any non-printable character string.</p> <p>If the NQA server listens on the private network, the value of hh3cNqaTcpServerExtVPNTType must be vpn(2) and the value of this object can be set to any non-printable character string.</p> <p>For get operation:</p> <p>If the NQA server listens on the</p>

			public network, the value of the objetet can be public
hh3cNqaUdpServerExtDSField (1.3.6.1.4.1.25506.8.3.1.16.1.5)	read-create	Current	As per MIB
hh3cNqaUdpServerExtRowStatus (1.3.6.1.4.1.25506.8.3.1.16.1.6)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)

## 84 HH3C-NTP-MIB

### 84.1 hh3cNTPSystemMIBObjects

OID of this table is: 1.3.6.1.4.1.25506.8.22.1

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 node is replaced by hh3cNTPSysSrcPeer.
hh3cNTPSysState (1.3.6.1.4.1.25506.8.22.1.1.10)	read-only	Current	This is a integer indicating the state of local clock.Now clockBySet(2) is not supported.
hh3cNTPSysOffset (1.3.6.1.4.1.25506.8.22.1.1.11)	read-only	Current	As per MIB
hh3cNTPSysDrift (1.3.6.1.4.1.25506.8.22.1.1.12)	read-only	Current	As per MIB
hh3cNTPSysCompliance (1.3.6.1.4.1.25506.8.22.1.1.13)	read-only	Current	As per MIB
hh3cNTPSysClock (1.3.6.1.4.1.25506.8.22.1.1.14)	read-only	Current	As per MIB
hh3cNTPSysStabil (1.3.6.1.4.1.25506.8.22.1.1.15)	read-only	Current	As per MIB
hh3cNTPSysAuthenticate	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.8.22.1.1.16)			
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
hh3cNTPServerIP (1.3.6.1.4.1.25506.8.22.1.1.19)	read-only	Current	As per MIB

## 84.2 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
hh3cNTPPeerRefld (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
hh3cNTPPeerKeyld (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.

# 85 HH3C-PROTOCOL-VLAN-MIB

This mib is used only for switches which support protocol VLAN feature.

## 85.1 hh3cProtocolVlanTable

OID of this table is: 1.3.6.1.4.1.25506.2.16.1.5

Note: When creating a new instance of this table, hh3cProtocolVlanRowStatus must prompt for the Instance is "VLAN-ID, protocol-index", and the following objects should be set simultaneously(excluding notused object): hh3cProtocolVlanProtocolType, hh3cProtocolVlanProtocolSubType, hh3cProtocolVlanProtocolTypeValue, and hh3cProtocolVlanRowStatus.The relationship among them is as follows:

hh3cProtocolVlanProtocolType	hh3cProtocolVlanProtocolSubType	hh3cProtocolVlanProtocolTypeValue
ip	notused	notused for create operation
ipv6	notused	notused for create operation
at	notused	notused for create operation
ipx	ethernetii	notused for create operation
	llc	
	raw	
	snap	
mode-snap	etype	hex string like '600', which means 0x0600. The range is [0x600..0xffff].
mode-ethernetii	etype	hex string like '600', which means 0x0600. The range is [0x600..0xffff].
mode-llc	notused	the sequence of different parts is as follows. [dsap value][;ssap value][dsap value;ssap value] Both range is [0x00..0xff] For example. Suppose value of dsap and ssap are 0x09 and 0x0a. If neither dsap or ssap, the string length is zero. If dsap provided, the string is '09;' or '09' If ssap provided, the value is ';0a' If dsap and ssap provided, the value is '09;0a'

Name	Access	PDS	Description
hh3cProtocolVlanVlanId	not-accessible	Current	As per mib

(1.3.6.1.4.1.25506.2.16.1.5.1.1)			
hh3cProtocolVlanProtocolIndex (1.3.6.1.4.1.25506.2.16.1.5.1.2)	not-accessible	Current	As per mib
hh3cProtocolVlanProtocolType (1.3.6.1.4.1.25506.2.16.1.5.1.3)	read-create	Current	Can not be modified after creation.
hh3cProtocolVlanProtocolSubType (1.3.6.1.4.1.25506.2.16.1.5.1.4)	read-create	Current	Can not be modified after creation.
hh3cProtocolVlanProtocolTypeValue (1.3.6.1.4.1.25506.2.16.1.5.1.5)	read-create	Current	Can not be modified after creation.
hh3cProtocolVlanRowStatus (1.3.6.1.4.1.25506.2.16.1.5.1.6)	read-create	Current	Only support active(1), createAndGo(4), destroy(6)

## 85.2 hh3cProtocolVlanPortTable

OID of this table is: 1.3.6.1.4.1.25506.2.16.1.6

Note: When creating a new instance of this table, hh3cProtocolVlanPortRowStatus must prompt for the Instance is" interface-index, VLAN-ID, protocol-index".

Name	Access	PDS	Description
hh3cProtocolVlanPortIndex (1.3.6.1.4.1.25506.2.16.1.6.1.1)	not-accessible	Current	As per mib
hh3cProtocolVlanPortVlanId (1.3.6.1.4.1.25506.2.16.1.6.1.2)	not-accessible	Current	As per mib
hh3cProtocolVlanPortProtocolId (1.3.6.1.4.1.25506.2.16.1.6.1.3)	not-accessible	Current	As per mib
hh3cProtocolVlanPortProtocolType (1.3.6.1.4.1.25506.2.16.1.6.1.4)	read-only	Current	As per mib
hh3cProtocolVlanPortProtocolSubType (1.3.6.1.4.1.25506.2.16.1.6.1.5)	read-only	Current	As per mib
hh3cProtocolVlanPortTypeValue (1.3.6.1.4.1.25506.2.16.1.6.1.6)	read-only	Current	As per mib
hh3cProtocolVlanPortRowStatus (1.3.6.1.4.1.25506.2.16.1.6.1.7)	read-create	Current	Only support active(1), createAndGo(4), destroy(6)
hh3cProtocolVlanPortStatus (1.3.6.1.4.1.25506.2.16.1.6.1.8)	read-only	Current	The value is active only when hh3cProtocolVlanPortProtocolId has the corresponding entry in hh3cProtocolVlanTable, the port link type is hybrid and the VLAN is allowed by the port.

## 86 HH3C-QINQV2-MIB

This mib is used for devices which support QINQ feature.

### 86.1 hh3cQinQv2ScalarObjects

OID of this table is: 1.3.6.1.4.1.25506.2.137.1.1

Name	Access	PDS	Description
hh3cQinQv2ServiceTPID (1.3.6.1.4.1.25506.2.137.1.1.1)	read-write	Current	As per MIB
hh3cQinQv2CustomerTPID (1.3.6.1.4.1.25506.2.137.1.1.2)	read-write	Current	As per MIB

### 86.2 hh3cQinQv2IfConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.137.1.2

Name	Access	PDS	Description
hh3cQinQv2IfState (1.3.6.1.4.1.25506.2.137.1.2.1.1)	read-write	Current	As per MIB
hh3cQinQv2IfServiceTPID (1.3.6.1.4.1.25506.2.137.1.2.1.2)	read-write	Current	As per MIB
hh3cQinQv2IfCustomerTPID (1.3.6.1.4.1.25506.2.137.1.2.1.3)	read-write	Current	As per MIB
hh3cQinQv2IfTransparentVlanList (1.3.6.1.4.1.25506.2.137.1.2.1.4)	read-write	Current	As per MIB

## 87 HH3C-QOS-CAPABILITY-MIB

### 87.1 hh3cQoSsysCapabilityTable

OID of this table is: 1.3.6.1.4.1.25506.7.1.1.1.2

Name	Access	PDS	Description
hh3cQoSsysCapModuleIndex (1.3.6.1.4.1.25506.7.1.1.1.2.1.1)	not-accessible	No	As per MIB
hh3cQoSsysCapCharacteristicsIn dex (1.3.6.1.4.1.25506. 7.1.1.1.2.1.2)	not-accessible	No	As per MIB
hh3cQoSsysCapCharacteristicsV alue (1.3.6.1.4.1.25506. 7.1.1.1.2.1.3)	read-only	Yes	As per MIB

## 87.2 hh3cQoSIfCapabilityTable

OID of this table is: 1.3.6.1.4.1.25506.7.1.1.1.3

Name	Access	PDS	Description
hh3cQoSIfCapIfIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.1)	not-accessible	No	As per MIB
hh3cQoSIfCapModuleIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.2)	not-accessible	No	As per MIB
hh3cQoSIfCapCharacteristicsIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.3)	not-accessible	No	As per MIB
hh3cQoSIfCapCharacteristicsValue (1.3.6.1.4.1.25506.7.1.1.1.3.1.4)	read-only	Yes	As per MIB

## 88 HH3C-RADIUS-MIB

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

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

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

### 88.1 Scalar objects

Name	Access	PDS	Description
hh3cRadiusAuthErrThreshold (1.3.6.1.4.1.25506.2.13.1.3.1)	read-write	Current	As per MIB

### 88.2 hh3cRdInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.1.1

Name	Access	PDS	Description
hh3cRdGroupName (1.3.6.1.4.1.25506.2.13.1.1.1.1)	not-accessible	No	The length of this object is range from 1 to 32
hh3cRdPrimAuthIp (1.3.6.1.4.1.25506.2.13.1.1.1.2)	read-create	Current	Not supported
hh3cRdPrimUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.3)	read-create	Current	The range of primary UDP port is from 1 to 65535.
hh3cRdPrimState (1.3.6.1.4.1.25506.2.13.1.1.1.4)	read-create	No	As per MIB
hh3cRdSecAuthIp	read-create	Current	Not supported



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

## 88.3 hh3cRdAccInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.1.2

Name	Access	PDS	Description
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hh3cRdAccGroupName (1.3.6.1.4.1.25506.2.13.1.2.1.1)	not-accessible	No	As per MIB
hh3cRdPrimAccIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.2)	read-create	Current	hh3cRdPrimAccIpAddrType and hh3cRdPrimAccIpAddr must be set together
hh3cRdPrimAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.3)	read-create	Current	As per MIB
hh3cRdPrimAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.4)	read-create	Current	The range of primary UDP port is from 1 to 65535
hh3cRdPrimAccState (1.3.6.1.4.1.25506.2.13.1.2.1.5)	read-create	No	As per MIB
hh3cRdSecAccIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.6)	read-create	Current	hh3cRdSecAccIpAddrType and hh3cRdSecAccIpAddr must be set together
hh3cRdSecAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.7)	read-create	Current	As per MIB
hh3cRdSecAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.8)	read-create	Current	The range of secondary UDP port is from 1 to 65535
hh3cRdSecAccState (1.3.6.1.4.1.25506.2.13.1.2.1.9)	read-create	No	As per MIB
hh3cRdAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.10)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdAccRetry (1.3.6.1.4.1.25506.2.13.1.2.1.11)	read-create	Current	The range of retry times is from 1 to 20
hh3cRdAccTimeout (1.3.6.1.4.1.25506.2.13.1.2.1.12)	read-create	Current	Range from 1 to 10
hh3cRdAccServerType (1.3.6.1.4.1.25506.2.13.1.2.1.13)	read-create	Current	Not supported
hh3cRdAccQuietTime (1.3.6.1.4.1.25506.2.13.1.2.1.14)	read-create	Current	The range is from 0 to 255
hh3cRdAccFailureAction (1.3.6.1.4.1.25506.2.13.1.2.1.15)	read-create	Current	Not supported
hh3cRdAccRealTime (1.3.6.1.4.1.25506.2.13.1.2.1.16)	read-create	Current	As per MIB
hh3cRdAccRealTimeRetry (1.3.6.1.4.1.25506.2.13.1.2.1.17)	read-create	Current	As per MIB
hh3cRdAccSaveStopPktEnable (1.3.6.1.4.1.25506.2.13.1.2.1.18)	read-create	Current	Not supported
hh3cRdAccStopRetry (1.3.6.1.4.1.25506.2.13.1.2.1.19)	read-create	Current	Not supported
hh3cRdAccDataFlowUnit (1.3.6.1.4.1.25506.2.13.1.2.1.20)	read-create	Current	As per MIB
hh3cRdAccPacketUnit (1.3.6.1.4.1.25506.2.13.1.2.1.21)	read-create	Current	As per MIB
hh3cRdAccRowStatus (1.3.6.1.4.1.25506.2.13.1.2.1.22)	read-create	Current	As per MIB
hh3cRdAccOnEnable (1.3.6.1.4.1.25506.2.13.1.2.1.23)	read-create	Current	As per MIB

hh3cRdAcctOnSendTimes (1.3.6.1.4.1.25506.2.13.1.2.1.24)	read-create	Current	As per MIB
hh3cRdAcctOnSendInterval (1.3.6.1.4.1.25506.2.13.1.2.1.25)	read-create	Current	As per MIB
hh3cRdSecAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.26)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdPrimAccVpnName (1.3.6.1.4.1.25506.2.13.1.2.1.27)	read-create	Current	The length of this object is range from 0 to 31, get operation will return null string
hh3cRdSecAccVpnName (1.3.6.1.4.1.25506.2.13.1.2.1.28)	read-create	Current	The length of this object is range from 0 to 31
hh3cRdAccNasIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.29)	read-create	Current	Not supported
hh3cRdAccNasIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.30)	read-create	Current	As per MIB
hh3cRdAccNasIpv6Addr (1.3.6.1.4.1.25506.2.13.1.2.1.31)	read-create	Current	As per MIB

## 88.4 hh3cRdSecondaryAuthServerTable

OID of this table is : 1.3.6.1.4.1.25506.2.13.1.4

The table listing RADIUS secondary authentication servers.

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

## 88.5 hh3cRdSecondaryAccServerTable

OID of this table is : 1.3.6.1.4.1.25506.2.13.1.5

The table listing RADIUS secondary accounting servers.

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

## 88.6 hh3cRadiusAccServerTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.2.1.1

Name	Access	PDS	Description
hh3cRadiusAccClientStartRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.1)	read-only	No	As per MIB
hh3cRadiusAccClientStartResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.2)	read-only	No	As per MIB
hh3cRadiusAccClientInterimRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.3)	read-only	No	As per MIB
hh3cRadiusAccClientInterimResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.4)	read-only	No	As per MIB
hh3cRadiusAccClientStopRequests (1.3.6.1.4.1.25506.2.13.2.1.1.1.5)	read-only	No	As per MIB
hh3cRadiusAccClientStopResponses (1.3.6.1.4.1.25506.2.13.2.1.1.1.6)	read-only	No	As per MIB
hh3cRadiusAccountingServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.5)	read-only	No	As per MIB
hh3cRadiusAccountingServerDownTrap (1.3.6.1.4.1.25506.2.13.3.0.7)	read-only	No	As per MIB

## 88.7 hh3cRadiusAuthServerTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.4.1.1

Name	Access	PDS	Description
hh3cRadiusAuthFailureTimes	read-only	No	As per MIB

(1.3.6.1.4.1.25506.2.13.4.1.1.1.1)			
hh3cRadiusAuthTimeoutTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.2)	read-only	No	As per MIB
hh3cRadiusAuthRejectTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.3)	read-only	No	As per MIB
hh3cRadiusAuthenticationServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.4)	read-only	No	As per MIB
hh3cRadiusAuthenticationServerDownTrap (1.3.6.1.4.1.25506.2.13.3.0.6)	read-only	No	As per MIB

## 88.8 hh3cRadiusStatistic

OID of this table is: 1.3.6.1.4.1.25506.2.13.6

Name	Access	PDS	Description
hh3cRadiusStatAccReq (1.3.6.1.4.1.25506.2.13.6.1)	read-only	Current	As per MIB
hh3cRadiusStatAccAck (1.3.6.1.4.1.25506.2.13.6.2)	read-only	Current	As per MIB
hh3cRadiusStatLogoutReq (1.3.6.1.4.1.25506.2.13.6.3)	read-only	Current	As per MIB
hh3cRadiusStatLogoutAck (1.3.6.1.4.1.25506.2.13.6.4)	read-only	Current	As per MIB

## 89 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.

### 89.1 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-creat e	Current	As per MIB
hh3cRmonExtAlarmSympol (1.3.6.1.4.1.25506.2.125.1.1.4)	read-creat e	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-creat e	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-creat e	Current	As per MIB
hh3cRmonExtAlarmRisingThreshold (1.3.6.1.4.1.25506.2.125.1.1.8)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmFallingThreshol d (1.3.6.1.4.1.25506.2.125.1.1.9)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmRisingEvtIndex (1.3.6.1.4.1.25506.2.125.1.1.10)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmFallingEvtIndex (1.3.6.1.4.1.25506.2.125.1.1.11)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmStatCycle (1.3.6.1.4.1.25506.2.125.1.1.12)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmStatType (1.3.6.1.4.1.25506.2.125.1.1.13)	read-creat e	Current	As per MIB
hh3cRmonExtAlarmOwner (1.3.6.1.4.1.25506.2.125.1.1.14)	read-creat e	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-creat e	Current	As per MIB

## 90 HH3C-SNMP-EXT-MIB

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

### 90.1 Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.2.104.1

Name	Access	PDS	Description
hh3cSnmpExtMaxContextNum (1.3.6.1.4.1.25506.2.104.1.4)	read-only	No	As per MIB
hh3cSnmpExtVersion (1.3.6.1.4.1.25506.2.104.1.5)	read-write	Current	As per MIB

hh3cSnmpExtTrapSource (1.3.6.1.4.1.25506.2.104.1.6)	read-only	Current	As per MIB
hh3cSnmpExtInformSource (1.3.6.1.4.1.25506.2.104.1.7)	read-only	Current	As per MIB

## 90.2 hh3cSnmpExtCommunityTable

OID of this table is: 1.3.6.1.4.1.25506.2.104.2.1

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

## 90.3 hh3cSnmpExtContextTable

OID of this table is: 1.3.6.1.4.1.25506.2.104.2.3

Name	Access	PDS	Description
hh3cSnmpExtContextName (1.3.6.1.4.1.25506.2.104.2.3.1)	not-accessible	Current	As per MIB
hh3cSnmpExtContextRowStatus (1.3.6.1.4.1.25506.2.104.2.3.2)	read-create	Current	As per MIB

# 91 HH3C-SSH-MIB

## 91.1 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	read-write	Current	Range from 1 to 5.

(1.3.6.1.4.1.25506.2.22.1.1.1.4)			The default value is 3.
hh3cSSHServerAuthTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.5)	read-write	Current	Range from 1 to 120. The default value is 60.
hh3cSFTPServerIdleTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.6)	read-write	Current	Range from 1 to 35791. The default value is 10.
hh3cSSHServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.7)	read-write	Current	The default value is disableSSHServer(2).
hh3cSFTPServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.8)	read-write	Current	The default value is disableSFTPService(2).
hh3cSTelnetServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.9)	read-write	Current	As per MIB
hh3cSCPServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.10)	read-write	Current	As per MIB

## 91.2 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	<p>The default value is invalid(1).</p> <p>When this object is set to password, means that this user uses password authentication in AAA(Authentication, Authorization, Accounting) module.</p> <p>When this object is set to publicKey, means that this user uses public key authentication in PKEY(Public Key) module.</p> <p>When this object is set to any, means that this user uses either password authentication or publickey authentication.</p> <p>When this object is set to publicKeyPassword, means that this user uses both publickey authentication and password authentication.</p>
hh3cSSHUserPublicKeyName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.4)	read-create	Current	<p>The length of value is from 1 to 64.</p> <p>The default value is null string.</p> <p>This object only can get value from an existent public key, which is managed in PKEY (Public Key) module.</p>



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.

## 91.3 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

## 91.4 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
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## 92 HH3C-STACK-MIB

### 92.1 Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.2.91.1

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	<p>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.</p> <p>disabled: disable auto update function</p> <p>enabled: enable auto update function</p>
hh3cStackMacPersistence (1.3.6.1.4.1.25506.2.91.1.5)	read-write	Current	<p>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.</p> <p>notPersist: The bridge MAC address of the new master board will be used as that of the stack immediately.</p> <p>persistForSixMin: The bridge MAC address will be reserved for six minutes. In this period, if the master board which has left the</p>

			<p>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.</p> <p>persistForever: Whether the master leaves or not, the bridge MAC address of the stack will never change.</p>
hh3cStackLinkDelayInterval (1.3.6.1.4.1.25506.2.91.1.6)	read-write	Current	<p>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.</p> <p>0 means no delay, namely, the device will report the change as soon as the stack port link status changes to down.</p> <p>0: no delay 1-10000(ms): delay time</p>
hh3cStackTopology (1.3.6.1.4.1.25506.2.91.1.7)	read-only	No	<p>The topology of the stack.</p> <p>chainConn: chain connection ringConn: ring connection</p>
hh3cStackDomainId (1.3.6.1.4.1.25506.2.91.1.8)	read-write	Current	<p>Domain ID of the IRF fabric which used to uniquely identify IRF fabrics and prevent IRF fabrics from interfering with one another.</p>
hh3cStackPortConfigActivate (1.3.6.1.4.1.25506.2.91.1.9)	read-write	No	<p>After connecting the physical interfaces between two devices and binding them to the correct IRF ports, you must activate the settings on the IRF ports. This operation merges the two devices into one IRF fabric. The system activates the IRF port settings automatically in the following situations:</p> <p>a. The configuration file that the device starts with contains IRF port bindings.</p> <p>b. You are binding physical interfaces to an IRF port after an IRF fabric is formed.</p> <p>1: If the user sets this object to value 1, this object will return a success without performing any operation.</p>

			2: Activates the settings on the IRF ports. After the settings are activated, this object will return to value 1 at the next reading.
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## 92.2 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.

## 92.3 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.

## 92.4 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.
hh3cStackPortForwardingPath(1.3.6.1.4.1.25506.2.91.4.1.5)	read-only	No	As per MIB

## 92.5 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.

## 92.6 Scalar objects of hh3cStackTrapObjects

OID of this table is: 1.3.6.1.4.1.25506.2.91.6.0

Name	Access	PDS	Description
hh3cStackPortLinkStatusChange (1.3.6.1.4.1.25506.2.91.6.0.1)	accessible-for-notify	No	As per MIB
hh3cStackTopologyChange (1.3.6.1.4.1.25506.2.91.6.0.2)	accessible-for-notify	No	As per MIB

hh3cStackMadBfdChangeNormal (1.3.6.1.4.1.25506.2.91.6.0.3)	accessible-for-notify	No	As per MIB
hh3cStackMadBfdChangeFailure (1.3.6.1.4.1.25506.2.91.6.0.4)	accessible-for-notify	No	As per MIB
hh3cStackMadLacpChangeNormal (1.3.6.1.4.1.25506.2.91.6.0.5)	accessible-for-notify	No	As per MIB
hh3cStackMadLacpChangeFailure (1.3.6.1.4.1.25506.2.91.6.0.6)	accessible-for-notify	No	As per MIB

## 93 HH3C-STORM-CONSTRAIN-MIB

### 93.1 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

### 93.2 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 hh3cStormCtrlMulticastLower 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

# 94 HH3C-SUBNET-VLAN-MIB

## 94.1 hh3cSubnetVlanTable

OID of this table is: 1.3.6.1.4.1.25506.2.61.1.2

Name	Access	PDS	Description
hh3cSubnetVlanVlanId (1.3.6.1.4.1.25506.2.61.1.2.1.1)	not-accessible	Current	As per mib
hh3cSubnetVlanSubnetIndex (1.3.6.1.4.1.25506.2.61.1.2.1.2)	not-accessible	Current	As per mib
hh3cSubnetVlanVlanIpAddressType (1.3.6.1.4.1.25506.2.61.1.2.1.3)	read-create	Current	Can not be modified after creation
hh3cSubnetVlanIpAddressValue (1.3.6.1.4.1.25506.2.61.1.2.1.4)	read-create	Current	Can not be modified after creation
hh3cSubnetVlanNetMaskValue (1.3.6.1.4.1.25506.2.61.1.2.1.5)	read-create	Current	Can not be modified after creation. The default value 255.255.255.0 is used when this object is not specified for create operation.
hh3cSubnetVlanRowStatus (1.3.6.1.4.1.25506.2.61.1.2.1.6)	read-create	Current	Only support active(1), createAndGo(4), destroy(6)

## 94.2 hh3cSubnetVlanPortCreateTable

OID of this table is: 1.3.6.1.4.1.25506.2.61.1.3

Name	Access	PDS	Description
hh3cSubnetVlanPortCreateIndex (1.3.6.1.4.1.25506.2.61.1.3.1.1)	not-accessible	Current	As per mib
hh3cSubnetVlanPortCreateVlanId (1.3.6.1.4.1.25506.2.61.1.3.1.2)	not-accessible	Current	As per mib
hh3cSubnetVlanPortInfoVlanId (1.3.6.1.4.1.25506.2.61.1.3.1.3)	read-only	Current	As per mib
hh3cSubnetVlanPortRowStatus (1.3.6.1.4.1.25506.2.61.1.3.1.4)	read-create	Current	As per mib
hh3cSubnetVlanPortStatus (1.3.6.1.4.1.25506.2.61.1.3.1.5)	read-only	Current	The subnet vlan status on the port. The value is active only when hh3cSubnetVlanPortCreateVlanId has the corresponding entry in hh3cSubnetVlanTable, the port link type is hybrid and the vlan is allowed by the port.



# 95 HH3C-SYS-MAN-MIB

## 95.1 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	Current	As per MIB
hh3cSysLocalClockString (1.3.6.1.4.1.25506.2.3.1.1.3)	read-write	Current	As per MIB
hh3cSysReloadSchedule (1.3.6.1.4.1.25506.2.3.1.3.1)	read-write	No	In a reload action, if the entity index of hh3cSysReloadSchedule is 1, the whole device will be reloaded.
hh3cSysReloadAction (1.3.6.1.4.1.25506.2.3.1.3.2)	read-write	No	As per MIB
hh3cSysReloadTag (1.3.6.1.4.1.25506.2.3.1.3.4)	read-write	No	As per MIB
hh3cSysImageNum (1.3.6.1.4.1.25506.2.3.1.4.1)	read-only	No	Not Supported
hh3cSysCFGFileNum (1.3.6.1.4.1.25506.2.3.1.5.1)	read-only	No	As per MIB
hh3cSysBtmLoadMaxNumber (1.3.6.1.4.1.25506.2.3.1.6.1.1)	read-only	No	As per MIB
hh3cSysSummerTimeEnable (1.3.6.1.4.1.25506.2.3.1.1.2.1)	read-only	Current	As per MIB
hh3cSysSummerTimeZone (1.3.6.1.4.1.25506.2.3.1.1.2.2)	read-write	Current	As per MIB
hh3cSysSummerTimeMethod (1.3.6.1.4.1.25506.2.3.1.1.2.3)	read-write	Current	Only "repeating" method is supported.
hh3cSysSummerTimeStart (1.3.6.1.4.1.25506.2.3.1.1.2.4)	read-write	Current	As per MIB
hh3cSysSummerTimeEnd (1.3.6.1.4.1.25506.2.3.1.1.2.5)	read-write	Current	As per MIB
hh3cSysSummerTimeOffset (1.3.6.1.4.1.25506.2.3.1.1.2.6)	read-write	Current	As per MIB
hh3cSysPackageNum (1.3.6.1.4.1.25506.2.3.1.7.1)	read-only	No	It is the sum of all the package files.
hh3cSysPackageOperateEntryLimit (1.3.6.1.4.1.25506.2.3.1.7.3)	read-write	No	The maximum of the hh3cSysPackageOperateEntry can be created. The default value is 32, the value range is 1-128. If the number of the hh3cSysPackageOperateTable has reached the maximum, the oldest PackageOperEntry will be deleted when creating a new

			entry.
hh3cSysIpeFileNum (1.3.6.1.4.1.25506.2.3.1.8.1)	read-only	No	It is the sum of all the ipe files.
hh3cSysSetBootImageAction (1.3.6.1.4.1.25506.2.3.1.9.1.1)	read-write	No	Only support none(1), done(2), bootLoadPrimary(3), bootLoadSecondary(4), bootLoadPrimarySecondary(5).
hh3cSysSetBootImageFileOverWrite (1.3.6.1.4.1.25506.2.3.1.9.1.2)	read-write	No	As per MIB
hh3cSysSetBootImageRemoveIpeFile (1.3.6.1.4.1.25506.2.3.1.9.1.3)	read-write	No	As per MIB
hh3cSysSetBootImageStatus (1.3.6.1.4.1.25506.2.3.1.9.1.4)	read-only	No	As per MIB
hh3cSysSetBootImageFailedReason (1.3.6.1.4.1.25506.2.3.1.9.1.5)	read-only	No	As per MIB

## 95.2 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

## 95.3 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.

## 95.4 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

## 95.5 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.

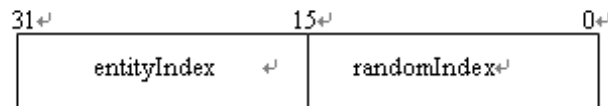
#### ✧ Function

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:

$$\text{hh3cSysBtmLoadIndex} = (\text{entityIndex} \ll 16) \mid \text{randomIndex}$$

- 4) It is strongly recommended that the name of a Bootrom file ends with valid filename extension, 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 'InProgress'.
- 9) If there is an attempt to remove the instance of which the hh3cSysBtmErrorStatus is 'InProgress', such attempt may fail.

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

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

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

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

#### ✧ Examples

Creating a new instance.

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

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

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

hh3cSysBtmFileType.131073 = ‘main’

hh3cSysBtmRowStatus.131073 = ‘createAndGo’

## 95.6 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 hh3cSysPackageTable.
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.
hh3cSysPackageLoadAttribute (1.3.6.1.4.1.25506.2.3.1.7.2.1.11)	read-create	No	Only support none(1) and primary(2).
hh3cSysPackageModel (1.3.6.1.4.1.25506.2.3.1.7.2.1.12)	read-only	No	As per MIB

## 95.7 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)
hh3cSysPackageOperateRowStatus (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.

## 95.8 hh3cSysIpeFileTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.8.2

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.
hh3cSysIpeFileModel (1.3.6.1.4.1.25506.2.3.1.8.2.1.5)	read-only	No	As per MIB

## 95.9 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	read-only	Yes	The type of the package file,such

(1.3.6.1.4.1.25506.2.3.1.8.3.1.4)			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.
hh3cSysIpePackageModel (1.3.6.1.4.1.25506.2.3.1.8.3.1.8)	read-only	No	As per MIB

## 95.10 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.

## 95.11 hh3cSysBootPackageTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.9.2

Name	Access	PDS	Description
hh3cSysBootPackageIndex (1.3.6.1.4.1.25506.2.3.1.9.2.1.1)	not-accessible	No	As per MIB
hh3cSysBootPackageRowStatus (1.3.6.1.4.1.25506.2.3.1.9.2.1.2)	read-create	No	Only support active(1) createAndGo(4) destroy(6)

## 95.12 hh3cSysBootIpeTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.9.3

Name	Access	PDS	Description
hh3cSysBootIpeIndex (1.3.6.1.4.1.25506.2.3.1.9.3.1.1)	not-accessible	No	As per MIB
hh3cSysBootIpeRowStatus (1.3.6.1.4.1.25506.2.3.1.9.3.1.2)	read-create	No	Only support active(1) createAndGo(4) destroy(6)

## 95.13 hh3cSysSetBootImageResultTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.9.4

Name	Access	PDS	Description
hh3cSysSetBootImageResultIndex (1.3.6.1.4.1.25506.2.3.1.9.4.1.1)	not-accessible	No	As per MIB
hh3cSysSetBootImageResultStatusOfEachCard (1.3.6.1.4.1.25506.2.3.1.9.4.1.2)	read-only	No	As per MIB
hh3cSysSetBootImageFailedReasonOfEachCard (1.3.6.1.4.1.25506.2.3.1.9.4.1.3)	read-only	No	As per MIB

# 96 HH3C-TRANSCEIVER-INFO-MIB

## 96.1 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
hh3cTransceiverVendorOUI (1.3.6.1.4.1.25506.2.70.1.1.1.39)	read-only	Yes	As per MIB
hh3cTransceiverRevisionNumber (1.3.6.1.4.1.25506.2.70.1.1.1.40)	read-only	Yes	As per MIB

## 96.2 hh3cTransceiverChannelTable

OID of this table is: 1.3.6.1.4.1.25506.2.70.1.2

Name	Access	PDS	Description
hh3cTransceiverChannelIndex (1.3.6.1.4.1.25506.2.70.1.2.1.1)	not-accessible	Yes	As per MIB
hh3cTransceiverChannelCurTXPower (1.3.6.1.4.1.25506.2.70.1.2.1.2)	read-only	Yes	As per MIB
hh3cTransceiverChannelCurRXPower (1.3.6.1.4.1.25506.2.70.1.2.1.3)	read-only	Yes	As per MIB
hh3cTransceiverChannelTemperature (1.3.6.1.4.1.25506.2.70.1.2.1.4)	read-only	Yes	Not support QSFP module
hh3cTransceiverChannelBiasCurrent (1.3.6.1.4.1.25506.2.70.1.2.1.5)	read-only	Yes	As per MIB

## 97 HH3C-TRAP-MIB

### 97.1 hh3cTrapDesInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.38.1.7.1

Name	Access	PDS	Description
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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

## 97.2 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
hh3cTrapConfigSwitch2 (1.3.6.1.4.1.25506.2.38.1.8.1.1.5)	read-write	No	Not supported

## 98 HH3C-TRNG2-MIB

This MIB is used to manage time-range.

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

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

If hh3cTrangeCreateTimerangeTable is configured, hh3cTrangeAbsoluteTable and hh3cTrangePeriodicTable are not configured, time-range does not actually exist, and the configuration of hh3cTrangeCreateTimerangeTable may be lost after saving and rebooting, The configuration of hh3cTrangeCreatTimerangeTable does not support the configuration replace operation.

### 98.1 hh3cTrangeCreateTimerangeTable

OID of this table is: 1.3.6.1.4.1.25506.2.121.1.1

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

## 98.2 hh3cTrangeAbsoluteTable

OID of this table is: 1.3.6.1.4.1.25506.2.121.1.2

Name	Access	PDS	Description
hh3cTrangeAbsoluteNameIndex (1.3.6.1.4.1.25506.2.121.1.2.1.1)	not-accessible	No	Range from 1 to 1024.
hh3cTrangeAbsoluteSubIndex (1.3.6.1.4.1.25506.2.121.1.2.1.2)	not-accessible	No	Range from 1 to 12.
hh3cTrangeAbsoluteStartTime (1.3.6.1.4.1.25506.2.121.1.2.1.3)	read-create	Current	As per MIB
hh3cTrangeAbsoluteEndTime (1.3.6.1.4.1.25506.2.121.1.2.1.4)	read-create	Current	As per MIB
hh3cTrangeAbsolueRowStatus (1.3.6.1.4.1.25506.2.121.1.2.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)

## 98.3 hh3cTrangePeriodicTable

OID of this table is: 1.3.6.1.4.1.25506.2.121.1.3

Name	Access	PDS	Description
hh3cTrangePeriodicNameIndex (1.3.6.1.4.1.25506.2.121.1.3.1.1)	not-accessible	No	Range from 1 to 1024.
hh3cTrangePeriodicSubIndex (1.3.6.1.4.1.25506.2.121.1.3.1.2)	not-accessible	No	Range from 1 to 32.
hh3cTrangePeriodicDayOfWeek (1.3.6.1.4.1.25506.2.121.1.3.1.3)	read-create	Current	As per MIB
hh3cTrangePeriodicStartTime (1.3.6.1.4.1.25506.2.121.1.3.1.4)	read-create	Current	As per MIB
hh3cTrangePeriodicEndTime (1.3.6.1.4.1.25506.2.121.1.3.1.5)	read-create	Current	As per MIB
hh3cTrangePeriodicRowStatus (1.3.6.1.4.1.25506.2.121.1.3.1.6)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)

# 99 HH3C-UI-MAN-MIB

This MIB is used to manage user interfaces.

## 99.1 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	As per MIB

## 100 HH3C-USER-MIB

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

### 100.1 Scalar Objects

Name	Access	PDS	Description
hh3cUserMaxNum (1.3.6.1.4.1.25506.2.12.1.3)	read-only	No	As per MIB
hh3cUserCurrNum (1.3.6.1.4.1.25506.2.12.1.4)	read-only	Current	As per MIB
hh3cUserIndexIndicator (1.3.6.1.4.1.25506.2.12.1.5)	read-only	Current	As per MIB

### 100.2 hh3cUserInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.1

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

Name	Access	PDS	Description
hh3cUserName (1.3.6.1.4.1.25506.2.12.1.1.1.1)	read-create	Current	The value could not be null, and could not be "a", "al" and "all". The value could not contain some characters, such as '\', '/', ':', '*', '?', '<', '>', ' ' and '@' etc. The length of the value must no more than 55. The user name which will be created must not be existed, and it is case sensitive. Can not be modified after creation.
hh3cUserPassword (1.3.6.1.4.1.25506.2.12.1.1.1.2)	read-create	Current	A cipher password is a case-sensitive string of 1 to 117 characters. A plaintext password is a case-sensitive string of 1 to

			63 characters. Get operation will return null string
hh3cAuthMode (1.3.6.1.4.1.25506.2.12.1.1.1.3)	read-create	Current	The value must be 0 or 7.
hh3cUserLevel (1.3.6.1.4.1.25506.2.12.1.1.1.4)	read-create	Current	Not supported
hh3cUserState (1.3.6.1.4.1.25506.2.12.1.1.1.5)	read-create	Current	As per MIB
hh3cUserInfoRowStatus (1.3.6.1.4.1.25506.2.12.1.1.1.6)	read-create	Current	As per MIB
hh3cUserIndex (1.3.6.1.4.1.25506.2.12.1.1.1.7)	not-accessible	Current	Range from 1 to 1024. The value can't be saved.

## 100.3 hh3cUserAttributeTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.2

Name	Access	PDS	Description
hh3cAccessLimit (1.3.6.1.4.1.25506.2.12.1.2.1.1)	read-write	Current	The maximum user number of current user who can access devices. Default is 0, means no limit. Range from 0 to 1024.
hh3cIdleCut (1.3.6.1.4.1.25506.2.12.1.2.1.2)	read-write	Current	As per MIB
hh3cIPAddress (1.3.6.1.4.1.25506.2.12.1.2.1.3)	read-write	Current	Set local user's ip address. The default value is 0.0.0.0.
hh3cNasIPAddress (1.3.6.1.4.1.25506.2.12.1.2.1.4)	read-write	Current	Not supported
hh3cSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.5)	read-write	Current	Not supported
hh3cSubSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.6)	read-write	Current	Not supported
hh3cPortNum (1.3.6.1.4.1.25506.2.12.1.2.1.7)	read-write	Current	Not supported
hh3cMacAddress (1.3.6.1.4.1.25506.2.12.1.2.1.8)	read-write	Current	As per MIB
hh3cVlan (1.3.6.1.4.1.25506.2.12.1.2.1.9)	read-write	Current	As per MIB
hh3cFtpService (1.3.6.1.4.1.25506.2.12.1.2.1.10)	read-write	Current	Not supported
hh3cFtpDirectory (1.3.6.1.4.1.25506.2.12.1.2.1.11)	read-write	Current	Not supported
hh3cLanAccessService (1.3.6.1.4.1.25506.2.12.1.2.1.12)	read-write	Current	As per MIB
hh3cSshService (1.3.6.1.4.1.25506.2.12.1.2.1.13)	read-write	Current	Not supported
hh3cTelnetService (1.3.6.1.4.1.25506.2.12.1.2.1.14)	read-write	Current	Not supported

hh3cTerminalService (1.3.6.1.4.1.25506.2.12.1.2.1.15)	read-write	Current	Not supported
hh3cExpirationDate (1.3.6.1.4.1.25506.2.12.1.2.1.16)	read-write	Current	Not supported
hh3cUserGroup (1.3.6.1.4.1.25506.2.12.1.2.1.17)	read-write	Current	The maximum length of the group name is 32.
hh3cPortalService (1.3.6.1.4.1.25506.2.12.1.2.1.18)	read-write	Current	As per MIB
hh3cPPPSERVICE (1.3.6.1.4.1.25506.2.12.1.2.1.19)	read-write	Current	As per MIB
hh3cHttpService (1.3.6.1.4.1.25506.2.12.1.2.1.20)	read-write	Current	Not supported
hh3cHttpsService (1.3.6.1.4.1.25506.2.12.1.2.1.21)	read-write	Current	Not supported
hh3cUserIndex (1.3.6.1.4.1.25506.2.12.1.2.1.22)	read-write	Current	As per MIB

## 100.4 hh3cUserRoleTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.6

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

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

## 100.5 hh3cUserGroupInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.2.1

Name	Access	PDS	Description
hh3cUserGroupName (1.3.6.1.4.1.25506.2.12.2.1.1.1)	not-accessible	Current	As per MIB
hh3cUserGroupInfoRowStatus (1.3.6.1.4.1.25506.2.12.2.1.1.2)	read-create	Current	As per MIB

# 101 HH3C-VMAP-MIB

This mib is used only for switches which support VLAN Mapping feature.

## 101.1 hh3cVMAPNNITable

OID of this table is: 1.3.6.1.4.1.25506.2.138.1

Name	Access	PDS	Description
hh3cVMAPNNIState (1.3.6.1.4.1.25506.2.138.1.1.1)	read-write	Current	As per MIB

## 101.2 hh3cVMAP1to1Table

OID of this table is: 1.3.6.1.4.1.25506.2.138.2

Name	Access	PDS	Description
hh3cVMAP1to1Vlan (1.3.6.1.4.1.25506.2.138.2.1.1)	not-accessible	Current	As per MIB
hh3cVMAP1to1TranslatedVlan (1.3.6.1.4.1.25506.2.138.2.1.2)	read-create	Current	As per MIB
hh3cVMAP1to1RowStatus (1.3.6.1.4.1.25506.2.138.2.1.3)	read-create	Current	Only support active(1), createAndGo(4), destroy(6).

## 101.3 hh3cVMAPNto1RangeTable

OID of this table is: 1.3.6.1.4.1.25506.2.138.3

Name	Access	PDS	Description
hh3cVMAPNto1StartVlan (1.3.6.1.4.1.25506.2.138.3.1.1)	not-accessible	Current	Not supported
hh3cVMAPNto1EndVlan (1.3.6.1.4.1.25506.2.138.3.1.2)	read-create	Current	Not supported
hh3cVMAPNto1RangeTranslatedVlan (1.3.6.1.4.1.25506.2.138.3.1.3)	read-create	Current	Not supported
hh3cVMAPNto1RangeRowStatus (1.3.6.1.4.1.25506.2.138.3.1.4)	read-create	Current	Not supported

## 101.4 hh3cVMAPNto1SingleTable

OID of this table is: 1.3.6.1.4.1.25506.2.138.4

Name	Access	PDS	Description
hh3cVMAPNto1Vlan (1.3.6.1.4.1.25506.2.138.4.1.1)	not-accessible	Current	Not supported



hh3cVMAPNto1SingleTranslatedVlan (1.3.6.1.4.1.25506.2.138.4.1.2)	read-create	Current	Not supported
hh3cVMAPNto1SingleRowStatus (1.3.6.1.4.1.25506.2.138.4.1.3)	read-create	Current	Not supported

## 101.5 hh3cVMAP1to2RangeTable

OID of this table is: 1.3.6.1.4.1.25506.2.138.5

Name	Access	PDS	Description
hh3cVMAP1to2StartVlan (1.3.6.1.4.1.25506.2.138.5.1.1)	not-accessible	Current	As per MIB
hh3cVMAP1to2EndVlan (1.3.6.1.4.1.25506.2.138.5.1.2)	read-create	Current	As per MIB
hh3cVMAP1to2RangeNestedVlan (1.3.6.1.4.1.25506.2.138.5.1.3)	read-create	Current	As per MIB
hh3cVMAP1to2RangeRowStatus (1.3.6.1.4.1.25506.2.138.5.1.4)	read-create	Current	Only support active(1), createAndGo(4), destroy(6)

## 101.6 hh3cVMAP1to2SingleTable

OID of this table is: 1.3.6.1.4.1.25506.2.138.6

Name	Access	PDS	Description
hh3cVMAP1to2Vlan (1.3.6.1.4.1.25506.2.138.6.1.1)	not-accessible	Current	As per MIB
hh3cVMAP1to2SingleNestedVlan (1.3.6.1.4.1.25506.2.138.6.1.2)	read-create	Current	As per MIB
hh3cVMAP1to2SingleRowStatus (1.3.6.1.4.1.25506.2.138.6.1.3)	read-create	Current	Only support active(1), createAndGo(4), destroy(6)

## 101.7 hh3cVMAP2to2Table

OID of this table is: 1.3.6.1.4.1.25506.2.138.7

Name	Access	PDS	Description
hh3cVMAP2to2OuterVlan (1.3.6.1.4.1.25506.2.138.7.1.1)	not-accessible	Current	As per MIB
hh3cVMAP2to2InnerVlan (1.3.6.1.4.1.25506.2.138.7.1.2)	not-accessible	Current	As per MIB
hh3cVMAP2to2TranslatedOuterVlan (1.3.6.1.4.1.25506.2.138.7.1.3)	read-create	Current	As per MIB
hh3cVMAP2to2TranslatedInnerVlan (1.3.6.1.4.1.25506.2.138.7.1.4)	read-create	Current	As per MIB
hh3cVMAP2to2RowStatus	read-create	Current	Only support active(1),

(1.3.6.1.4.1.25506.2.138.7.1.5)			createAndGo(4), destroy(6)
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# 102 HH3C-VOICE-VLAN-MIB

## 102.1 Scalar objects

Name	Access	PDS	Description
hh3cVoiceVlanEnabledId (1.3.6.1.4.1.25506.2.9.2)	read-write	Current	Not supported
hh3cVoiceVlanPortEnableList (1.3.6.1.4.1.25506.2.9.3)	read-write	Current	Not supported
hh3cVoiceVlanAgingTime (1.3.6.1.4.1.25506.2.9.4)	read-write	Current	As per MIB
hh3cVoiceVlanConfigState (1.3.6.1.4.1.25506.2.9.5)	read-write	Current	Not supported
hh3cVoiceVlanSecurityState (1.3.6.1.4.1.25506.2.9.6)	read-write	Current	As per MIB

## 102.2 hh3cvoiceVlanOuiTable

OID of this table is: 1.3.6.1.4.1.25506.2.9.1

1) hh3cVoiceVlanOuiAddress is the index of this table.

2) When using RowStatus to adding a row, hh3cVoiceVlanOuiMask must be appointed, hh3cVoiceVlanOuiDescription can be null.

Name	Access	PDS	Description
hh3cVoiceVlanOuiAddress (1.3.6.1.4.1.25506.2.9.1.1.1)	read-only	Current	As per MIB
hh3cVoiceVlanOuiMask (1.3.6.1.4.1.25506.2.9.1.1.2)	read-write	Current	Cannot be set separately.
hh3cVoiceVlanOuiDescription (1.3.6.1.4.1.25506.2.9.1.1.3)	read-write	Current	The first letter can not be blank for set operation
hh3cVoiceVlanOuiRowStatus (1.3.6.1.4.1.25506.2.9.1.1.4)	read-create	No	As per MIB

## 102.3 hh3cvoiceVlanPortTable

OID of this table is: 1.3.6.1.4.1.25506.2.9.7

Name	Access	PDS	Description
hh3cVoiceVlanPortIfIndex (1.3.6.1.4.1.25506.2.9.7.1.1)	not-accessible	Current	As per MIB

hh3cVoiceVlanPortMode (1.3.6.1.4.1.25506.2.9.7.1.2)	read-write	Current	As per MIB
hh3cVoiceVlanPortLegacy (1.3.6.1.4.1.25506.2.9.7.1.3)	read-write	Current	Not supported
hh3cVoiceVlanPortQosTrust (1.3.6.1.4.1.25506.2.9.7.1.4)	read-write	Current	Not supported

## 103 HH3C-VSAN-MIB

This MIB module is for configuring and monitoring VSAN (Virtual Storage Area Network) and domain management related entities.

### 103.1 Scalar Objects

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.3.1

Name	Access	PDS	Description
hh3cVsanDmFabricChangeNotify Enable (1.3.6.1.4.1.25506.2.127.1.1.3.1.1)	read-write	Current	As per MIB
hh3cVsanDmDomainIdChangeNot ifyEnable (1.3.6.1.4.1.25506.2.127.1.1.3.1.2)	read-write	Current	As per MIB

### 103.2 hh3cVsanTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.1

Name	Access	PDS	Description
hh3cVsanIndex(1.3.6.1.4.1.25506.2.127.1.1.1.1.1.1)	accessible-for-notify	Current	Only support value from 1 to 3839, and 4079.
hh3cVsanCoreSwitchName(1.3.6.1.4.1.25506.2.127.1.1.1.1.1.2)	read-only	Current	As per MIB
hh3cVsanRowStatus(1.3.6.1.4.1.25506.2.127.1.1.1.1.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
hh3cVsanName(1.3.6.1.4.1.25506.2.127.1.1.1.1.1.4)	read-create	Current	As per MIB
hh3cVsanWorkingMode(1.3.6.1.4.1.25506.2.127.1.1.1.1.1.5)	read-create	Current	As per MIB

### 103.3 hh3cVsanDmTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.2

Name	Access	PDS	Description
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hh3cVsanDmDomainConfigureEnable(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.1)	read-write	Current	As per MIB
hh3cVsanDmFabricNameConfigured(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.2)	read-write	Current	As per MIB
hh3cVsanDmPriorityConfigured(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.3)	read-write	Current	As per MIB
hh3cVsanDmAllowedDomainIdList(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.4)	read-write	Current	As per MIB
hh3cVsanDmDomainIdConfigured(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.5)	read-write	Current	As per MIB
hh3cVsanDmDomainIdTypeConfigured(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.6)	read-write	Current	As per MIB
hh3cVsanDmAutoReconfigureEnable(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.7)	read-write	Current	As per MIB
hh3cVsanDmDomainRestart(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.8)	read-write	No	As per MIB
hh3cVsanDmState(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.9)	read-only	No	As per MIB
hh3cVsanDmDomainIdAssigned(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.10)	read-only	No	As per MIB
hh3cVsanDmPrincipalSwitchWWN(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.11)	read-only	No	As per MIB
hh3cVsanDmLocalSwitchWWN(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.12)	read-only	Yes	As per MIB
hh3cVsanDmPrincipalSwRunPriority(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.13)	read-only	No	As per MIB
hh3cVsanDmLocalSwRunPriority(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.14)	read-only	No	As per MIB
hh3cVsanDmPrincipalSwSlctCnt(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.15)	read-only	No	As per MIB
hh3cVsanDmLocalPrincipalSwSlctCnt(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.16)	read-only	No	As per MIB
hh3cVsanDmBFCnt(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.17)	read-only	No	As per MIB
hh3cVsanDmRCFCnt(1.3.6.1.4.1.25506.2.127.1.1.1.2.1.18)	read-only	No	As per MIB

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## 103.4 hh3cVsanDmIfConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.3

Name	Access	PDS	Description
hh3cVsanDmIfConfigRcfReject(1.3.6.1.4.1.25506.2.127.1.1.1.3.1.1)	read-write	Current	As per MIB

## 103.5 hh3cVsanDmDatabaseTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.2.1

Name	Access	PDS	Description
hh3cVsanDmDatabaseDomainId(1.3.6.1.4.1.25506.2.127.1.1.2.1.1)	not-accessible	Current	As per MIB
hh3cVsanDmDatabaseSwitchWWN(1.3.6.1.4.1.25506.2.127.1.1.2.1.2)	read-only	Current	As per MIB

## 103.6 hh3cVsanDmIfInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.2.2

Name	Access	PDS	Description
hh3cVsanDmIfInfoRole(1.3.6.1.4.1.25506.2.127.1.1.2.2.1)	read-only	Current	As per MIB

## 103.7 hh3cVsanFcldTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.4

Name	Access	PDS	Description
hh3cVsanFreeFclds(1.3.6.1.4.1.25506.2.127.1.1.1.4.1.1)	read-only	Current	As per MIB
hh3cVsanAssignedFclds(1.3.6.1.4.1.25506.2.127.1.1.1.4.1.2)	read-only	Current	As per MIB
hh3cVsanFcldPersistency(1.3.6.1.4.1.25506.2.127.1.1.1.4.1.3)	read-write	Current	As per MIB
hh3cVsanFcldPurge(1.3.6.1.4.1.25506.2.127.1.1.1.4.1.4)	read-write	Current	As per MIB

## 103.8 hh3cVsanFcldPersistencyTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.5

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

hh3cVsanFcldPersistencyFcld,

hh3cVsanFcldPersistencyType,

hh3cVsanFcldPersistencyRowStatus.

Name	Access	PDS	Description
hh3cVsanFcldPersistencyWwn(1.3.6.1.4.1.25506.2.127.1.1.1.5.1.1)	not-accessible	Current	As per MIB
hh3cVsanFcldPersistencyFcld(1.3.6.1.4.1.25506.2.127.1.1.1.5.1.2)	read-create	Current	As per MIB
hh3cVsanFcldPersistencyUsed(1.3.6.1.4.1.25506.2.127.1.1.1.5.1.3)	read-only	Current	As per MIB
hh3cVsanFcldPersistencyType(1.3.6.1.4.1.25506.2.127.1.1.1.5.1.4)	read-create	Current	As per MIB
hh3cVsanFcldPersistencyRowStatus(1.3.6.1.4.1.25506.2.127.1.1.1.5.1.5)	read-create	Current	As per MIB

## 104 IEEE8021X-PAE-MIB

Define of IEEE 802.1X PAE objects.

### 104.1 ieee8021XpaePortTable

Table OID: 1.3.111.2.802.1.1.15.1.1.5.

Name	Access	PDS	Description
ieee8021XPaePortNumber(1.3.111.2.802.1.1.15.1.1.5.1.1)	not-accessible	No	As per MIB
ieee8021XPaePortType(1.3.111.2.802.1.1.15.1.1.5.1.2)	read-only	No	Not supported
ieee8021XPaeControlledPortNumber(1.3.111.2.802.1.1.15.1.1.5.1.3)	read-only	No	Not supported
ieee8021XPaeUncontrolledPortNumber(1.3.111.2.802.1.1.15.1.1.5.1.4)	read-only	No	Not supported
ieee8021XPaeCommonPortNumber(1.3.111.2.802.1.1.15.1.1.5.1.5)	read-only	No	Not supported
ieee8021XPaePortInitialize(1.3.111.2.802.1.1.15.1.1.5.1.6)	read-write	No	Not supported
ieee8021XPaePortCapabilities(1.3.111.2.802.1.1.15.1.1.5.1.7)	read-only	No	Not supported
ieee8021XPaePortVirtualPortsEnable(1.3.111.2.802.1.1.15.1.1.5.1.8)	read-write	No	Not supported

ieee8021XPaePortMaxVirtualPorts (1.3.111.2.802.1.1.15.1.1.5.1.9)	read-only	No	Not supported
ieee8021XPaePortCurrentVirtualPorts (1.3.111.2.802.1.1.15.1.1.5.1.10)	read-only	No	Not supported
ieee8021XPaePortVirtualPortStart (1.3.111.2.802.1.1.15.1.1.5.1.11)	read-only	No	Not supported
ieee8021XPaePortVirtualPortPeerMAC (1.3.111.2.802.1.1.15.1.1.5.1.12)	read-only	No	Not supported
ieee8021XPaePortLogonEnable (1.3.111.2.802.1.1.15.1.1.5.1.13)	read-write	No	Not supported
ieee8021XPaePortAuthenticatorEnable (1.3.111.2.802.1.1.15.1.1.5.1.14)	read-only	No	Not supported
ieee8021XPaePortSupplicantEnable (1.3.111.2.802.1.1.15.1.1.5.1.15)	read-only	No	Not supported
ieee8021XPaePortKayMkaEnable (1.3.111.2.802.1.1.15.1.1.5.1.16)	read-write	Current	Not supported
ieee8021XPaePortAnnouncerEnable (1.3.111.2.802.1.1.15.1.1.5.1.17)	read-write	No	Not supported
ieee8021XPaePortListenerEnable (1.3.111.2.802.1.1.15.1.1.5.1.18)	read-write	No	Not supported

## 104.2 ieee8021XKayMkaTable

Table OID: 1.3.111.2.802.1.1.15.1.6.1.

This table is not supported.

Name	Access	PDS	Description
ieee8021XKayMkaActive (1.3.111.2.802.1.1.15.1.6.1.1.1)	read-only	No	As per MIB
ieee8021XKayMkaAuthenticated (1.3.111.2.802.1.1.15.1.6.1.1.2)	read-only	No	As per MIB
ieee8021XKayMkaSecured (1.3.111.2.802.1.1.15.1.6.1.1.3)	read-only	No	As per MIB
ieee8021XKayMkaFailed (1.3.111.2.802.1.1.15.1.6.1.1.4)	read-only	No	As per MIB
ieee8021XKayMkaActorSCI (1.3.111.2.802.1.1.15.1.6.1.1.5)	read-only	No	As per MIB
ieee8021XKayMkaActorsPriority (1.3.111.2.802.1.1.15.1.6.1.1.6)	read-write	Current	As per MIB
ieee8021XKayMkaKeyServerPriority (1.3.111.2.802.1.1.15.1.6.1.1.7)	read-only	No	Not supported
ieee8021XKayMkaKeyServerSCI (1.3.111.2.802.1.1.15.1.6.1.1.8)	read-only	No	As per MIB
ieee8021XKayAllowedJoinGroup (1.3.111.2.802.1.1.15.1.6.1.1.9)	read-only	No	Not supported
ieee8021XKayAllowedFormGroup (1.3.111.2.802.1.1.15.1.6.1.1.10)	read-only	No	Not supported
ieee8021XKayCreateNewGroup (1.3.111.2.802.1.1.15.1.6.1.1.11)	read-write	No	Not supported

ieee8021XKayMacSecCapability (1.3.111.2.802.1.1.15.1.6.1.1.12)	read-only	No	As per MIB
ieee8021XKayMacSecDesired (1.3.111.2.802.1.1.15.1.6.1.1.13)	read-write	Current	As per MIB
ieee8021XKayMacSecProtect (1.3.111.2.802.1.1.15.1.6.1.1.14)	read-only	Current	Not supported
ieee8021XKayMacSecReplayProtect (1.3.111.2.802.1.1.15.1.6.1.1.15)	read-only	Current	Not supported
ieee8021XKayMacSecValidate (1.3.111.2.802.1.1.15.1.6.1.1.16)	read-only	Current	Not supported
ieee8021XKayMacSecConfidentialityOffset (1.3.111.2.802.1.1.15.1.6.1.1.17)	read-write	Current	Not supported
ieee8021XKayMkaTxKN (1.3.111.2.802.1.1.15.1.6.1.1.18)	read-only	No	Not supported
ieee8021XKayMkaTxAN (1.3.111.2.802.1.1.15.1.6.1.1.19)	read-only	No	Not supported
ieee8021XKayMkaRxKN (1.3.111.2.802.1.1.15.1.6.1.1.20)	read-only	No	Not supported
ieee8021XKayMkaRxAN (1.3.111.2.802.1.1.15.1.6.1.1.21)	read-only	No	Not supported

## 104.3 ieee8021XKayMkaPeerListTable

Table OID: 1.3.111.2.802.1.1.15.1.6.3.

This table is not supported.

Notes:

An instance will be ignored if it has a CKN index longer than 16 characters. The ieee8021XKayMkaPartCKN node only supports CKN indexes of 1 to 16 characters even though the device supports CKN indexes of 1 to 32 characters.

Name	Access	PDS	Description
ieee8021XKayMkaPeerListMI (1.3.111.2.802.1.1.15.1.6.3.1.1)	not-accessible	No	As per MIB
ieee8021XKayMkaPeerListMN (1.3.111.2.802.1.1.15.1.6.3.1.2)	read-only	No	As per MIB
ieee8021XKayMkaPeerListType (1.3.111.2.802.1.1.15.1.6.3.1.3)	read-only	No	As per MIB
ieee8021XKayMkaPeerListSCI (1.3.111.2.802.1.1.15.1.6.3.1.4)	read-only	No	As per MIB

## 105 SYSLOG-MSG-MIB

This MIB module implements RFC5676, which represents SYSLOG messages as SNMP objects.

### 105.1 syslogMsgTable

OID of this table is: 1.3.6.1.2.1.192.1.2

Name	Access	PDS	Description
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syslogMsgIndex (1.3.6.1.2.1.192.1.2.1.1)	not-accessible	No	As per MIB
syslogMsgFacility (1.3.6.1.2.1.192.1.2.1.2)	read-only	No	As per MIB
syslogMsgSeverity (1.3.6.1.2.1.192.1.2.1.3)	read-only	No	As per MIB
syslogMsgVersion (1.3.6.1.2.1.192.1.2.1.4)	read-only	No	As per MIB
syslogMsgTimeStamp (1.3.6.1.2.1.192.1.2.1.5)	read-only	No	As per MIB
syslogMsgHostName (1.3.6.1.2.1.192.1.2.1.6)	read-only	No	As per MIB
syslogMsgAppName (1.3.6.1.2.1.192.1.2.1.7)	read-only	No	As per MIB
syslogMsgProclD (1.3.6.1.2.1.192.1.2.1.8)	read-only	No	As per MIB
syslogMsgMsgID (1.3.6.1.2.1.192.1.2.1.9)	read-only	No	As per MIB
syslogMsgSDParams (1.3.6.1.2.1.192.1.2.1.10)	read-only	No	As per MIB
syslogMsgMsg (1.3.6.1.2.1.192.1.2.1.11)	read-only	No	As per MIB

## 105.2 syslogMsgSDTable

OID of this table is: 1.3.6.1.2.1.192.1.3

Name	Access	PDS	Description
syslogMsgSDParamIndex (1.3.6.1.2.1.192.1.3.1.1)	not-accessible	No	As per MIB
syslogMsgSDID (1.3.6.1.2.1.192.1.3.1.2)	not-accessible	No	As per MIB
syslogMsgSDParamName (1.3.6.1.2.1.192.1.3.1.3)	not-accessible	No	As per MIB
syslogMsgSDParamValue (1.3.6.1.2.1.192.1.3.1.4)	read-only	No	As per MIB

## 105.3 Scalar objects

OID of this table is: 1.3.6.1.2.1.192.1.1

Name	Access	PDS	Description
syslogMsgTableMaxSize (1.3.6.1.2.1.192.1.1.1)	read-write	Current	Need confirmed by products
syslogMsgEnableNotifications (1.3.6.1.2.1.192.1.1.2)	read-write	Current	As per MIB

