



**Hewlett Packard**  
Enterprise

# HPE A5500SI Comware V5 MIB Companion

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# Introduction

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

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

## Important information

### About MIB support status

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

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

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

### About configuring the device by setting MIB objects

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

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

## Using this document

This document describes MIBs in alphabetical order.

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

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

Table 1 describes the purpose of each column.

**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

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

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

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

Module Name	File Name	comm ents	MIB Version
BRIDGE-MIB	rfc1493-bridge.mib		rfc1493
DISMAN-PING-MIB	rfc2925-disman-ping.mib		rfc2925
DOT3-OAM-MIB	rfc4878-dot3-oam.mib		rfc4878
Entity-MIB	rfc4133-entity.mib		rfc4133
EtherLike-MIB	rfc2665-EtherLike.mib		rfc2665
IEEE8021-CFM-MIB	ieee8021-cfm.mib		ieee8021 ag
IEEE8021-PAE-MIB	ieee8021x.mib		ieee8021 x
IEEE8023-LAG-MIB	ieee8023-lag.mib		ieee8024
IF-MIB	rfc2233-if.mib		rfc2233
IGMP-STD-MIB	rfc2933-igmp-std.mib		rfc2933
IP-FORWARD-MIB	rfc2096-ip-forward.mib		rfc2096
IP-MIB	rfc2011-ip-icmp.mib	The same as the IP Group of	rfc2011

		rfc1213	
IPV6-ICMP-MIB	rfc2466-ipv6-icmp.mib		rfc2466
IPV6-MIB	rfc2465-ipv6.mib		rfc2465
IPV6-TCP-MIB	rfc2452-ipv6-tcp.mib		rfc2452
IPV6-UDP-MIB	rfc2454-ipv6-udp.mib		rfc2454
ISIS-MIB	rfc4444-isis.mib		rfc4444
LLDP-EXT-DOT1-MIB	lldp-ext-dot1.mib		Annex F.7.1 of IEEE Std 802.1AB-2005
LLDP-EXT-DOT3-MIB	lldp-ext-dot3.mib		Annex G.6.1 of IEEE Std 802.1AB-2005
LLDP-MIB	lldp.mib		subclause 12.1 of IEEE Std 802.1AB-2005
MAU-MIB	rfc3636-mau.mib		rfc3636
MPLS-FTN-STD-MIB	rfc3814-mpls-ftn-std.mib		rfc3814
MPLS-LDP-STD-MIB	rfc3815-mpls-ldp-std.mib		rfc3815
MPLS-LSR-STD-MIB	rfc3813-mpls-lsr-std.mib		rfc3813
OSPF-MIB	rfc1850-ospf.mib		rfc1850
P-BRIDGE-MIB	rfc2674-pbridge.mib		rfc2674
POWER-ETHERNET-MIB	rfc3621-power-ethernet.mib		rfc3621
Q-BRIDGE-MIB	rfc2674-qbridge.mib		rfc2674
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
SNMP-FRAMEWORK-MIB	rfc2571-snmp-framework.mib		rfc2571
SNMP-MPD-MIB	rfc2572-snmp-mpd.mib		rfc2572
SNMP-NOTIFICATION-MIB	rfc2273-snmp-notification.mib		rfc2273
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

SNMPv2-MIB	rfc3418-snmpv2.mib	From rfc3418	rfc3418
SNMP-VIEW-BASED-AC M-MIB	rfc3415-snmp-vacm.mi b		rfc3415
UDP-MIB	rfc2013-udp.mib	The same as the UDP Group of rfc1213	rfc2013
VRRP-MIB	rfc2787-vrrp.mib		rfc2787
TCP-MIB	rfc4022-tcp-mib.mib		Rfc4022
UDP-MIB	rfc4113-udp-mib.mib		Rfc4113

## List of private MIBs

Module Name	File Name	commen ts	MIB Versi on
HH3C-ACL-MIB	hh3c-acl.mib		V3.0
HH3C-CBQOS2-MIB	hh3c-cbqos2.mib		V1.5
HH3C-COMMON-SYSTEM- MIB	hh3c-common-system. mib	Only support trap	V1.0
HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib		V1.9
HH3C-DHCPRELAY-MIB	hh3c-dhcprelay.mib		V1.1
HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib		V1.1
HH3C-DLDP-MIB	hh3c-dldp.mib		V1.1
HH3C-DOMAIN-MIB	hh3c-domain.mib		V1.2
HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib		V1.9
HH3C-FLASH-MAN-MIB	hh3c-flash-man.mib		V2.6
HH3C-IF-EXT-MIB	hh3c-if-ext.mib		V1.0
HH3C-IP-ADDRESS-MIB	hh3c-ip-address.mib		V1.3
HH3C-IP-BROADCAST-MI B	hh3c-ip-broadcast.mib		V1.0
HH3C-IPV6-ADDRESS-MIB	hh3c-ipv6-address.mib		V1.0
HH3C-MIRRORGROUP-MI B	hh3c-mirrorgroup.mib		V1.0
HH3C-MPM-MIB	hh3c-mpm.mib		V1.2
HH3C-NQA-MIB	hh3c-nqa.mib		V2.3
HH3C-PORT-SECURITY-M IB	hh3c-port-security.mib		v1.5
HH3C-POWER-ETH-EXT- MIB	hh3c-power-eth-ext.mi b		V1.5
HH3C-PROTOCOL-VLAN- MIB	hh3c-protocol-vlan.mib		V1.3
HH3C-QINQ-MIB	hh3c-qinq.mib		V1.1
HH3C-QOS-CAPABILITY-	hh3c-qos-capability.mi		V1.1

MIB	b		
HH3C-RADIUS-MIB	hh3c-radius.mib		V1.8
HH3C-RRPP-MIB	hh3c-rrpp.mib		V1.4
HH3C-SUBNET-VLAN-MIB	hh3c-subnet-vlan.mib		V1.0
HH3C-SYS-MAN-MIB	hh3c-sys-man.mib		V2.1
HH3C-UI-MAN-MIB	hh3c-ui-man.mib		V1.6
HH3C-USER-MIB	hh3c-user.mib		V2.4
HH3C-VOICE-VLAN-MIB	hh3c-voice-vlan.mib		V1.2
HH3C-8021PAE-MIB	hh3c-8021x-ext.mib		V1.3
HH3C-DHCPS-MIB	hh3c-dhcps.mib		V1.51
HH3C-DISMAN-PING-MIB	hh3c-ping.mib		V1.3
HH3C-LAG-MIB	hh3c-lag.mib		V1.2
HH3C-LSW-DEV-ADM-MIB	hh3c-lsw-dev-adm.mib		V3.25
HH3C-LswDEVM-MIB	hh3c-splat-devm.mib		V2.2
HH3C-LswIGSP-MIB	hh3c-splat-igsp.mib		V1.0
HH3C-LswINF-MIB	hh3c-splat-inf.mib		V2.9
HH3C-LswMAM-MIB	hh3c-splat-mam.mib		V2.3
HH3C-LswMix-MIB	hh3c-splat-mix.mib		V1.2
HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib		V1.14
HH3C-LswTRAP-MIB	hh3c-splat-trap.mib		V1.0
HH3C-LswVLAN-MIB	hh3c-splat-vlan.mib		V1.8
HH3C-NTP-MIB	hh3c-ntp.mib		V1.4
HH3C-RMON-EXT-MIB	hh3c-rmon-ext.mib		V2.0
HH3C-TRNG-MIB	hh3c-trng.mib		V1.3
HH3C-EPON-MIB	hh3c-epon.mib		V1.8
HH3C-DOT3-EFM-EPON-MIB	hh3c-dot3-efm-epon.mib		V1.0
HH3C-EFM-COMMON-MIB	hh3c-efm-common.mib		V1.1
HH3C-EPON-DEVICE-MIB	hh3c-epon-device.mib		V1.0
HH3C-EPON-UNI-MIB	hh3c-epon-uni.mib		V1.6
HH3C-STORM-CONSTRAIN MIB	hh3c-storm-constrain.mib		V1.1

## Standard notifications

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

Trap	MIB	Description
bgpBackwardTransition (1.3.6.1.2.1.15.7.2)	BGP4-MIB	As per MIB
bgpEstablished (1.3.6.1.2.1.15.7.1)	BGP4-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
mplsXCUp (1.3.6.1.2.1.10.166.2.0.1)	MPLS-LSR-STD-MIB	Only support one lsp in one trap
mplsXCDown (1.3.6.1.2.1.10.166.2.0.2)	MPLS-LSR-STD-MIB	Only support one lsp in one trap
pethPsePortOnOffNotification (1.3.6.1.2.1.105.0.1)	POWER-ETHERNET-MIB	As per MIB
pethMainPowerUsageOnNotifi cation (1.3.6.1.2.1.105.0.2)	POWER-ETHERNET-MIB	As per MIB
pethMainPowerUsageOffNotifi cation (1.3.6.1.2.1.105.0.3)	POWER-ETHERNET-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
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)	SNMPv2-MIB	As per MIB
linkUp (1.3.6.1.6.3.1.1.5.4)	SNMPv2-MIB	As per MIB
authenticationFailure (1.3.6.1.6.3.1.1.5.5)	SNMPv2-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
ipv6IfStateChange (1.3.6.1.2.1.55.2.0.1)	IPV6-MIB	As per MIB
lldpRemTablesChange (1.0.8802.1.1.2.0.0.1)	LLDP-MIB	As per MIB
isisDatabaseOverload (1.3.6.1.2.1.138.0.1)	ISIS-MIB	As per MIB
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
isisAttemptToExceedMaxSequ ence (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
isisMaxAreaAddressesMismat ch (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
isisAuthenticationTypeFailure (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
isisLSPTooLargeToPropagate (1.3.6.1.2.1.138.0.14)	ISIS-MIB	As per MIB
isisOrigLSPBuffSizeMismatch (1.3.6.1.2.1.138.0.15)	ISIS-MIB	As per MIB



isisProtocolsSupportedMismatch (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
dot1agCfmFaultAlarm (1.3.111.2.802.1.1.8.0.1)	IEEE8021-CFM-MIB	As per MIB
dot3OamThresholdEvent (1.3.6.1.2.1.158.0.1)	DOT3-OAM-MIB	As per MIB
dot3OamNonThresholdEvent (1.3.6.1.2.1.158.0.2)	DOT3-OAM-MIB	As per MIB

## Private notifications

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

Trap	MIB	Description
hh3cRebootSendTrap (1.3.6.1.4.1.25506.6.8.3)	HH3C-COMMON-SYSTEM-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
hh3cEntityExtCpuUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.4)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtCriticalTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.8)	HH3C-ENTITY-EXT-MIB	If the device supports temperature monitor and entity extend MIB, this object will be supported.
hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.1)	HH3C-ENTITY-EXT-MIB	If the device supports temperature monitor and entity extend MIB, this object will be supported.
hh3cEntityExtSFPPPhony (1.3.6.1.4.1.25506.2.6.2.0.11)	HH3C-ENTITY-EXT-MIB	This module is NOT sold by H3C. H3C therefore shall NOT guarantee the normal function of the device or assume the maintenance responsibility thereof. The trap is generated periodically after a phony module has been found.
hh3cFlhOperNotification (1.3.6.1.4.1.25506.2.5.1.3.1)	HH3C-FLASH-MAN-MIB	As per MIB
hh3cSecureAddressLearned (1.3.6.1.4.1.25506.2.26.1.3.1)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureLoginFailure (1.3.6.1.4.1.25506.2.26.1.3.3)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureLogoff (1.3.6.1.4.1.25506.2.26.1.3.5)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureLogon (1.3.6.1.4.1.25506.2.26.1.3.4)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureRalmLoginFailure (1.3.6.1.4.1.25506.2.26.1.3.6)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureRalmLogon	HH3C-PORT-SECURITY-MIB	As per MIB

(1.3.6.1.4.1.25506.2.26.1.3.7)		
hh3cSecureRalmLogoff (1.3.6.1.4.1.25506.2.26.1.3.8)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cSecureViolation (1.3.6.1.4.1.25506.2.26.1.3.2)	HH3C-PORT-SECURITY-MIB	As per MIB
hh3cPOEACInCurANotification (1.3.6.1.4.1.25506.2.14.6.11)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACInCurBNotification (1.3.6.1.4.1.25506.2.14.6.12)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACInCurCNotification (1.3.6.1.4.1.25506.2.14.6.13)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACSwitchNotification (1.3.6.1.4.1.25506.2.14.6.10)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACSwitchVolABNotifica tion (1.3.6.1.4.1.25506.2.14.6.14)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACSwitchVolBCNotifica tion (1.3.6.1.4.1.25506.2.14.6.15)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEACSwitchVolCANotifica tion (1.3.6.1.4.1.25506.2.14.6.16)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOECurRestrictedNotificatio n (1.3.6.1.4.1.25506.2.14.6.9)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEDCOutVolNotification (1.3.6.1.4.1.25506.2.14.6.17)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEDisconnectNotification (1.3.6.1.4.1.25506.2.14.6.2)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEFanErrorNotification (1.3.6.1.4.1.25506.2.14.6.7)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEInputErrorNotification (1.3.6.1.4.1.25506.2.14.6.3)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEModuleShutdownNotific ation (1.3.6.1.4.1.25506.2.14.6.8)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEOutputErrorNotification (1.3.6.1.4.1.25506.2.14.6.4)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEOverTempNotification (1.3.6.1.4.1.25506.2.14.6.6)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEOverVoltageNotification (1.3.6.1.4.1.25506.2.14.6.5)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cPOEShutdownNotification (1.3.6.1.4.1.25506.2.14.6.18)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cpsePDChangeNotification (1.3.6.1.4.1.25506.2.14.6.1)	HH3C-POWER-ETH-EXT-MIB	As per MIB
hh3cRadiusAccServerDownTrap (1.3.6.1.4.1.25506.2.13.3.2)	HH3C-RADIUS-MIB	As per MIB
hh3cRadiusAuthServerDownTra p (1.3.6.1.4.1.25506.2.13.3.1)	HH3C-RADIUS-MIB	As per MIB
hh3cRadiusAuthErrTrap (1.3.6.1.4.1.25506.2.13.3.0.3)	HH3C-RADIUS-MIB	As per MIB
hh3cSysClockChangedNotificatio n (1.3.6.1.4.1.25506.2.3.2.1)	HH3C-SYS-MAN-MIB	As per MIB
hh3cSysReloadNotification (1.3.6.1.4.1.25506.2.3.2.2)	HH3C-SYS-MAN-MIB	As per MIB
hh3csupplicantproxyccheck (1.3.6.1.4.1.25506.8.6.1.0.1)	HH3C-8021PAE-MIB	As per MIB
hh3cAggPortInactiveNotification (1.3.6.1.4.1.25506.8.25.2.2)	HH3C-LAG-MIB	As per MIB
hh3cAggPortInactiveNotification2 (1.3.6.1.4.1.25506.8.25.2.3)	HH3C-LAG-MIB	As per MIB
hh3cAggPortActiveNotification (1.3.6.1.4.1.25506.8.25.2.4)	HH3C-LAG-MIB	As per MIB
hh3cSlaveSwitchOver (1.3.6.1.4.1.25506.8.35.17.10.1)	HH3C-LswMix-MIB	

hh3cBridgeLostRootPrimary (1.3.6.1.4.1.25506.8.35.14.0.3)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiBpduGuarded (1.3.6.1.4.1.25506.8.35.14.0.5)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiLoopGuarded (1.3.6.1.4.1.25506.8.35.14.0.6)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiRootGuarded (1.3.6.1.4.1.25506.8.35.14.0.4)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiStateDiscarding (1.3.6.1.4.1.25506.8.35.14.0.2)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiStateForwarding (1.3.6.1.4.1.25506.8.35.14.0.1)	HH3C-LswMSTP-MIB	As per MIB
hh3cfanfailure (1.3.6.1.4.1.25506.8.35.12.1.6)	HH3C-LswTRAP-MIB	As per MIB
hh3cBackBoardModeSetFailure (1.3.6.1.4.1.25506.8.35.12.1.21)	HH3C-LswTRAP-MIB	As per MIB
hh3cBackBoardModeSetOK (1.3.6.1.4.1.25506.8.35.12.1.22)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardTemperatureFormHigherToNormal (1.3.6.1.4.1.25506.8.35.12.1.17)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardTemperatureFromLowerToNormal (1.3.6.1.4.1.25506.8.35.12.1.15)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardTemperatureHigher (1.3.6.1.4.1.25506.8.35.12.1.16)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardTemperatureLower (1.3.6.1.4.1.25506.8.35.12.1.14)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardFailure (1.3.6.1.4.1.25506.8.35.12.1.10)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardInserted (1.3.6.1.4.1.25506.8.35.12.1.9)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardNormal (1.3.6.1.4.1.25506.8.35.12.1.11)	HH3C-LswTRAP-MIB	As per MIB
hh3cBoardRemoved (1.3.6.1.4.1.25506.8.35.12.1.8)	HH3C-LswTRAP-MIB	As per MIB
hh3cFanNormal (1.3.6.1.4.1.25506.8.35.12.1.7)	HH3C-LswTRAP-MIB	As per MIB
hh3cLoadFailure (1.3.6.1.4.1.25506.8.35.12.1.19)	HH3C-LswTRAP-MIB	As per MIB
hh3cLoadFinished (1.3.6.1.4.1.25506.8.35.12.1.20)	HH3C-LswTRAP-MIB	As per MIB
hh3cMasterPowerNormal (1.3.6.1.4.1.25506.8.35.12.1.3)	HH3C-LswTRAP-MIB	As per MIB
hh3cPowerInserted (1.3.6.1.4.1.25506.8.35.12.1.23)	HH3C-LswTRAP-MIB	As per MIB
hh3cPowerNormal (1.3.6.1.4.1.25506.8.35.12.1.2)	HH3C-LswTRAP-MIB	As per MIB
hh3cPowerRemoved (1.3.6.1.4.1.25506.8.35.12.1.5)	HH3C-LswTRAP-MIB	As per MIB
hh3cRequestLoading (1.3.6.1.4.1.25506.8.35.12.1.18)	HH3C-LswTRAP-MIB	As per MIB
hh3cSlavePowerNormal (1.3.6.1.4.1.25506.8.35.12.1.4)	HH3C-LswTRAP-MIB	As per MIB
hh3cSubcardInsert (1.3.6.1.4.1.25506.8.35.12.1.13)	HH3C-LswTRAP-MIB	As per MIB
hh3cSubcardRemove (1.3.6.1.4.1.25506.8.35.12.1.12)	HH3C-LswTRAP-MIB	As per MIB
hh3cpowerfailure (1.3.6.1.4.1.25506.8.35.12.1.1)	HH3C-LswTRAP-MIB	As per MIB
hh3cprifallingAlarm	HH3C-RMON-EXT-MIB	As per MIB

(1.3.6.1.4.1.25506.8.4.0.2)		
hh3cpririsingAlarm (1.3.6.1.4.1.25506.8.4.0.1)	HH3C-RMON-EXT-MIB	As per MIB
hh3cRrppRingRecover (1.3.6.1.4.1.25506.2.45.3.1)	HH3C-RRPP-MIB	As per MIB
hh3cRrppRingFail (1.3.6.1.4.1.25506.2.45.3.2)	HH3C-RRPP-MIB	As per MIB
hh3cRrppMultiMaster (1.3.6.1.4.1.25506.2.45.3.3)	HH3C-RRPP-MIB	As per MIB
hh3cRrppMajorFault (1.3.6.1.4.1.25506.2.45.3.4)	HH3C-RRPP-MIB	As per MIB
hh3cEponPortAlarmBerTrap (1.3.6.1.4.1.25506.2.42.1.8.0.1)	HH3C-EPON-MIB	As per MIB
hh3cEponPortAlarmFerTrap (1.3.6.1.4.1.25506.2.42.1.8.0.2)	HH3C-EPON-MIB	As per MIB
hh3cEponErrorLLIDFrameTrap (1.3.6.1.4.1.25506.2.42.1.8.0.3)	HH3C-EPON-MIB	As per MIB
hh3cEponLoopBackEnableTrap (1.3.6.1.4.1.25506.2.42.1.8.0.4)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuRegistrationErrTrap (1.3.6.1.4.1.25506.2.42.1.8.0.5)	HH3C-EPON-MIB	As per MIB
hh3cEponOamDisconnectionTrap (1.3.6.1.4.1.25506.2.42.1.8.0.6)	HH3C-EPON-MIB	Not supported
hh3cEponEncryptionKeyErrTrap (1.3.6.1.4.1.25506.2.42.1.8.0.7)	HH3C-EPON-MIB	Not supported
hh3cEponRemoteStableTrap (1.3.6.1.4.1.25506.2.42.1.8.0.8)	HH3C-EPON-MIB	As per MIB
hh3cEponLocalStableTrap (1.3.6.1.4.1.25506.2.42.1.8.0.9)	HH3C-EPON-MIB	As per MIB
hh3cEponOamVendorSpecificTrap (1.3.6.1.4.1.25506.2.42.1.8.0.10)	HH3C-EPON-MIB	As per MIB
hh3cEponSoftwareErrTrap (1.3.6.1.4.1.25506.2.42.1.8.0.11)	HH3C-EPON-MIB	As per MIB
hh3cEponPortAlarmBerRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.12)	HH3C-EPON-MIB	As per MIB
hh3cEponPortAlarmFerRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.13)	HH3C-EPON-MIB	As per MIB
hh3cEponErrorLLIDFrameRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.14)	HH3C-EPON-MIB	As per MIB
hh3cEponLoopBackEnableRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.15)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuRegistrationErrRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.16)	HH3C-EPON-MIB	As per MIB
hh3cEponOamDisconnectionRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.17)	HH3C-EPON-MIB	As per MIB
hh3cEponEncryptionKeyErrRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.18)	HH3C-EPON-MIB	As per MIB
hh3cEponRemoteStableRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.19)	HH3C-EPON-MIB	As per MIB
hh3cEponLocalStableRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.20)	HH3C-EPON-MIB	As per MIB

hh3cEponOamVendorSpecificRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.21)	HH3C-EPON-MIB	As per MIB
hh3cEponSoftwareErrRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.22)	HH3C-EPON-MIB	As per MIB
hh3cDot3OamThresholdRecoverEvent (1.3.6.1.4.1.25506.2.42.1.8.0.23)	HH3C-EPON-MIB	As per MIB
hh3cDot3OamNonThresholdRecoverEvent (1.3.6.1.4.1.25506.2.42.1.8.0.24)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuRegExcessTrap (1.3.6.1.4.1.25506.2.42.1.8.0.25)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuRegExcessRecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.26)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuPowerOffTrap (1.3.6.1.4.1.25506.2.42.1.8.0.27)	HH3C-EPON-MIB	As per MIB
hh3cEponOltSwitchoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.28)	HH3C-EPON-MIB	As per MIB
hh3cEponOltDFETrap (1.3.6.1.4.1.25506.2.42.1.8.0.29)	HH3C-EPON-MIB	As per MIB
hh3cEponOltDFERecoverTrap (1.3.6.1.4.1.25506.2.42.1.8.0.30)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuAutoBindTrap (1.3.6.1.4.1.25506.2.42.1.8.0.34)	HH3C-EPON-MIB	As per MIB
hh3cEponOnuPortStpStateTrap (1.3.6.1.4.1.25506.2.42.1.8.0.35)	HH3C-EPON-MIB	As per MIB
hh3cSSHUserAuthFailure (1.3.6.1.4.1.25506.2.22.1.3.0.1)	HH3C-SSH-MIB	The trap is generated when a user fails to authentication.
hh3cSSHVersionNegotiationFailure (1.3.6.1.4.1.25506.2.22.1.3.0.2)	HH3C-SSH-MIB	The trap is generated when a user fails to negotiate SSH protocol version.
hh3cSSHUserLogin (1.3.6.1.4.1.25506.2.22.1.3.0.3)	HH3C-SSH-MIB	The trap is generated when a user logs in successfully.
hh3cSSHUserLogoff (1.3.6.1.4.1.25506.2.22.1.3.0.4)	HH3C-SSH-MIB	The trap is generated when a user logs off.
hh3cMACInformationChangedTrap (1.3.6.1.4.1.25506.2.87.1.3.0.1)	HH3C-MAC-INFORMATION-MIB	As per MIB
hh3cMACInformationChangedTrapExt (1.3.6.1.4.1.25506.2.87.1.4.0.1)	HH3C-MAC-INFORMATION-MIB	As per MIB
hh3cEponUniLinkUpTrap (1.3.6.1.4.1.25506.2.42.5.2.0.1)	HH3C-EPON-UNI-MIB	As per MIB
hh3cEponUniLinkDownTrap (1.3.6.1.4.1.25506.2.42.5.2.0.2)	HH3C-EPON-UNI-MIB	As per MIB
hh3cStormRising (1.3.6.1.4.1.25506.2.66.3.1)	HH3C-STORM-CONSTRAIN	As per MIB
hh3cStormFalling (1.3.6.1.4.1.25506.2.66.3.2)	HH3C-STORM-CONSTRAIN	As per MIB
hh3cDHCPSEServerAddrExhaust (1.3.6.1.4.1.25506.2.101.3.0.1)	HH3C-DHCPS-MIB	As per MIB
hh3cDHCPSEServerAddrExhaustRecover (1.3.6.1.4.1.25506.2.101.3.0.2)	HH3C-DHCPS-MIB	As per MIB
hh3cDHCPSEServerAvgIpUsageOverflow (1.3.6.1.4.1.25506.2.101.3.0.3)	HH3C-DHCPS-MIB	As per MIB

hh3cDHCPServerMaxIpUsageOverflow (1.3.6.1.4.1.25506.2.101.3.0.4)	HH3C-DHCPS-MIB	As per MIB
hh3cDHCPServerAllocateOverflow (1.3.6.1.4.1.25506.2.101.3.0.5)	HH3C-DHCPS-MIB	As per MIB
hh3cRadiusAuthServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.1)	HH3C-RADIUS-MIB	As per MIB
hh3cRadiusAccServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.2)	HH3C-RADIUS-MIB	As per MIB
hh3cIpAddressChangeNotify (1.3.6.1.4.1.25506.2.67.2.2.0.1)	HH3C-IP-ADDRESS-MIB	As per MIB
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



# RFC1213-MIB

## System Group {mib-2.1}

This group is fully supported.

Name	Access	PDS	Description
sysDescr (1.3.6.1.2.1.1.1)	read-only	Yes	information about device. For example: "HP Comware Platform Software, Software Version 5.20 Release 2210<0D><0A>HP A5500-48G SI Switch<0D><0A>Copyright (c) 2010-2011 Hewlett-Packard Development Company, L.P."
sysObjectID (1.3.6.1.2.1.1.2)	read-only	Yes	OBJECT IDENTIFIER ::= { hpSwitch 29 } -----→HPA5500-24GSISwitchwith2InterfaceSlots OBJECT IDENTIFIER ::= { hpSwitch 30 } ----→HPA5500-48GSISwitchwith2InterfaceSlots OBJECT IDENTIFIER ::= { hpSwitch 31 } -----→HPA5500-24G-PoE+SISwitchwith2InterfaceSlots OBJECT IDENTIFIER ::= { hpSwitch 32 } -----→HPA5500-48G-PoE+SISwitchwith2InterfaceSlots
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	None
sysName (1.3.6.1.2.1.1.5)	read-write	Current	"HP"
sysLocation (1.3.6.1.2.1.1.6)	read-write	Current	None

## Interfaces Group{mib-2.2}

Please refer to IF-MIB in RFC2233.

### ifNumber

The ifNumber value will display the actual number of entries in the ifTable.

### 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 Aux0/0/0, null0, Vlan-interface2, ethernet1/0/1
ifType (1.3.6.1.2.1.2.2.1.3)	read-only	Current	As per MIB
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.
ifSpeed (1.3.6.1.2.1.2.2.1.5)	read-only	Current	An estimate of the interface's current bandwidth in bits per second.
ifPhysAddress (1.3.6.1.2.1.2.2.1.6)	read-only	Current	MAC address For switches, the following type of interfaces support mac address: M-Ethernet(Management Ethernet) port Vlan interface Ethernet port Gigabit Ethernet port Other type of interfaces don't support mac address
ifAdminStatus (1.3.6.1.2.1.2.2.1.7)	read- write	Current	enable or disable an interface, "testing" is not supported
ifOperStatus (1.3.6.1.2.1.2.2.1.8)	read-only	Current	The current operational state (link status) of the interface.
ifLastChange (1.3.6.1.2.1.2.2.1.9)	read-only	No	The value of sysUpTime at the time the interface entered its current operational state. If the current state was entered prior to the last re-initialization of the local network management subsystem, then this object contains a zero value.
ifInOctets (1.3.6.1.2.1.2.2.1.10)	read-only	No	As per MIB
ifInUcastPkts (1.3.6.1.2.1.2.2.1.11)	read-only	No	As per MIB
ifInNUcastPkts (1.3.6.1.2.1.2.2.1.12)	read-only	No	As per MIB
ifInErrors (1.3.6.1.2.1.2.2.1.14)	read-only	No	As per MIB
ifInUnknownProtos (1.3.6.1.2.1.2.2.1.15)	read-only	No	As per MIB
ifOutOctets (1.3.6.1.2.1.2.2.1.16)	read-only	No	As per MIB
ifOutUcastPkts (1.3.6.1.2.1.2.2.1.17)	read-only	No	As per MIB
ifOutNUcastPkts (1.3.6.1.2.1.2.2.1.18)	read-only	No	As per MIB
ifOutDiscards (1.3.6.1.2.1.2.2.1.19)	read-only	No	As per MIB
ifOutErrors (1.3.6.1.2.1.2.2.1.20)	read-only	No	As per MIB
ifOutQLen (1.3.6.1.2.1.2.2.1.21)	read-only	No	As per MIB
ifSpecific (1.3.6.1.2.1.2.2.1.22)	read-only	No	Not supported.

## Address Translation Group(at) {mib-2.3}

This group is fully supported.

## atTable

OID of this table is: 1.3.6.1.2.1.3.1

Name	Access	PDS	Description
atIfIndex (1.3.6.1.2.1.3.1.1. 1)	read-write	Current	Only support read operation. The value of static arp entries is 0
atPhysAddress (1.3.6.1.2.1.3.1.1.2)	read-write	Current	"Write" just referenced means to create static arp entries,but does not support to modify existing arp entries except atPhysAddress
atNetAddress (1.3.6.1.2.1.3.1.1.3)	read-write	Current	Only support read operation

## IP Group {mib-2.4}

The following objects will be supported:

### Scalar Objects

Name	Access	PDS	Description
ipForwarding (1.3.6.1.2.1.4.1)	read-write	Current	As per MIB
ipDefaultTTL (1.3.6.1.2.1.4.2)	read-write	No	Range from 1 to 255
ipInReceives (1.3.6.1.2.1.4.3)	read-only	No	As per MIB
ipInHdrErrors (1.3.6.1.2.1.4.4)	read-only	No	As per MIB
ipInAddrErrors (1.3.6.1.2.1.4.5)	read-only	No	As per MIB
ipForwDatagrams (1.3.6.1.2.1.4.6)	read-only	No	As per MIB
ipInUnknownProtos (1.3.6.1.2.1.4.7)	read-only	No	As per MIB
ipInDiscards (1.3.6.1.2.1.4.8)	read-only	No	As per MIB
ipInDelivers (1.3.6.1.2.1.4.9)	read-only	No	As per MIB
ipOutRequests (1.3.6.1.2.1.4.10)	read-only	No	As per MIB
ipOutDiscards (1.3.6.1.2.1.4.11)	read-only	No	As per MIB
ipOutNoRoutes (1.3.6.1.2.1.4.12)	read-only	No	As per MIB
ipReasmTimeout (1.3.6.1.2.1.4.13)	read-only	No	As per MIB
ipReasmReqds (1.3.6.1.2.1.4.14)	read-only	No	As per MIB
ipReasmOKs (1.3.6.1.2.1.4.15)	read-only	No	As per MIB
ipReasmFails (1.3.6.1.2.1.4.16)	read-only	No	As per MIB
ipFragOKs (1.3.6.1.2.1.4.17)	read-only	No	As per MIB
ipFragFails (1.3.6.1.2.1.4.18)	read-only	No	As per MIB
ipFragCreates (1.3.6.1.2.1.4.19)	read-only	No	As per MIB
ipRoutingDiscards (1.3.6.1.2.1.4.23)	read-only	No	As per MIB
ipv6IpForwarding (1.3.6.1.2.1.4.25)	read-write	No	Only support read operation
ipv6IpDefaultHopLimit (1.3.6.1.2.1.4.26)	read-write	No	Only support read operation
ipv4InterfaceTableLastChange (1.3.6.1.2.1.4.27)	read-only	No	Not supported
ipv6InterfaceTableLastChange (1.3.6.1.2.1.4.29)	read-only	No	Not supported
ipIfStatsTableLastChange (1.3.6.1.2.1.4.31.2)	read-only	No	Not supported
ipAddressSpinLock (1.3.6.1.2.1.4.33)	read-write	No	Not supported
ipv6RouterAdvertSpinLock	read-write	No	Not supported

(1.3.6.1.2.1.4.38)			
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## ipAddrTable

OID of this table is: 1.3.6.1.2.1.4.20

Name	Access	PDS	Description
ipAdEntAddr (1.3.6.1.2.1.4.20.1.1)	read-only	Current	As per MIB
ipAdEntIfIndex (1.3.6.1.2.1.4.20.1.2)	read-only	Current	As per MIB
ipAdEntNetMask (1.3.6.1.2.1.4.20.1.3)	read-only	Current	As per MIB
ipAdEntBcastAddr (1.3.6.1.2.1.4.20.1.4)	read-only	Current	As per MIB
ipAdEntReasmMaxSize (1.3.6.1.2.1.4.20.1.5)	read-only	Current	As per MIB

## ipRouteTable

OID of this table is: 1.3.6.1.2.1.4.21

Note: 1) The ipRouteTable can get only one of the equal-cost routes.

2) The ipRouteTable can get only one of the routes with same destination and different mask.

Name	Access	PDS	Description
ipRouteDest (1.3.6.1.2.1.4.21.1.1)	read-write	No	Only support read operation
ipRouteIfIndex (1.3.6.1.2.1.4.21.1.2)	read-write	No	Only support read operation
ipRouteMetric1 (1.3.6.1.2.1.4.21.1.3)	read-write	No	Only support read operation
ipRouteMetric2 (1.3.6.1.2.1.4.21.1.4)	read-write	No	Only support read operation
ipRouteMetric3 (1.3.6.1.2.1.4.21.1.5)	read-write	No	Only support read operation
ipRouteMetric4 (1.3.6.1.2.1.4.21.1.6)	read-write	No	Only support read operation
ipRouteNextHop (1.3.6.1.2.1.4.21.1.7)	read-write	No	Only support read operation
ipRouteType (1.3.6.1.2.1.4.21.1.8)	read-write	No	Only support read operation
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 operation
ipRouteMask (1.3.6.1.2.1.4.21.1.11)	read-write	No	Only support read operation
ipRouteMetric5 (1.3.6.1.2.1.4.21.1.12)	read-write	No	Only support read operation
ipRouteInfo (1.3.6.1.2.1.4.21.1.13)	read-only	No	As per MIB

## 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	read-only	No	As per MIB

(1.3.6.1.2.1.4.30.1.2)			
ipv6InterfaceIdentifier (1.3.6.1.2.1.4.30.1.3)	read-only	No	As per MIB
ipv6InterfaceEnableStatus (1.3.6.1.2.1.4.30.1.5)	read-write	No	Only support read operation
ipv6InterfaceReachableTime (1.3.6.1.2.1.4.30.1.6)	read-only	No	As per MIB
ipv6InterfaceRetransmitTime (1.3.6.1.2.1.4.30.1.7)	read-only	No	As per MIB
ipv6InterfaceForwarding (1.3.6.1.2.1.4.30.1.8)	read-write	No	Only support read operation

## ipSystemStatsTable

OID of this table is: 1.3.6.1.2.1.4.31.1

Name	Access	PDS	Description
ipSystemStatsIPVersion (1.3.6.1.2.1.4.31.1.1.1)	not-accessible	No	Only support ipv6(2)
ipSystemStatsInReceives (1.3.6.1.2.1.4.31.1.1.3)	read-only	No	As per MIB
ipSystemStatsHCInReceives (1.3.6.1.2.1.4.31.1.1.4)	read-only	No	As per MIB
ipSystemStatsInOctets (1.3.6.1.2.1.4.31.1.1.5)	read-only	No	Not supported
ipSystemStatsHCInOctets (1.3.6.1.2.1.4.31.1.1.6)	read-only	No	Not supported
ipSystemStatsInHdrErrors (1.3.6.1.2.1.4.31.1.1.7)	read-only	No	As per MIB
ipSystemStatsInNoRoutes (1.3.6.1.2.1.4.31.1.1.8)	read-only	No	As per MIB
ipSystemStatsInAddrErrors (1.3.6.1.2.1.4.31.1.1.9)	read-only	No	As per MIB
ipSystemStatsInUnknownProtos (1.3.6.1.2.1.4.31.1.1.10)	read-only	No	As per MIB
ipSystemStatsInTruncatedPkts (1.3.6.1.2.1.4.31.1.1.11)	read-only	No	Not supported
ipSystemStatsInForwDatagrams (1.3.6.1.2.1.4.31.1.1.12)	read-only	No	As per MIB
ipSystemStatsHCInForwDatagram s (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
ipSystemStatsOutFragReqs (1.3.6.1.2.1.4.31.1.1.26)	read-only	No	As per MIB
ipSystemStatsOutFragOKs (1.3.6.1.2.1.4.31.1.1.27)	read-only	No	As per MIB
ipSystemStatsOutFragFails (1.3.6.1.2.1.4.31.1.1.28)	read-only	No	As per MIB
ipSystemStatsOutFragCreates (1.3.6.1.2.1.4.31.1.1.29)	read-only	No	As per MIB
ipSystemStatsOutTransmits (1.3.6.1.2.1.4.31.1.1.30)	read-only	No	As per MIB
ipSystemStatsHCOutTransmits (1.3.6.1.2.1.4.31.1.1.31)	read-only	No	As per MIB
ipSystemStatsOutOctets (1.3.6.1.2.1.4.31.1.1.32)	read-only	No	Not supported
ipSystemStatsHCOutOctets (1.3.6.1.2.1.4.31.1.1.33)	read-only	No	Not supported
ipSystemStatsInMcastPkts (1.3.6.1.2.1.4.31.1.1.34)	read-only	No	Not supported
ipSystemStatsHCInMcastPkts (1.3.6.1.2.1.4.31.1.1.35)	read-only	No	Not supported
ipSystemStatsInMcastOctets (1.3.6.1.2.1.4.31.1.1.36)	read-only	No	Not supported
ipSystemStatsHCInMcastOctets (1.3.6.1.2.1.4.31.1.1.37)	read-only	No	Not supported
ipSystemStatsOutMcastPkts (1.3.6.1.2.1.4.31.1.1.38)	read-only	No	Not supported
ipSystemStatsHCOutMcastPkts (1.3.6.1.2.1.4.31.1.1.39)	read-only	No	Not supported
ipSystemStatsOutMcastOctets (1.3.6.1.2.1.4.31.1.1.40)	read-only	No	Not supported
ipSystemStatsHCOutMcastOctets (1.3.6.1.2.1.4.31.1.1.41)	read-only	No	Not supported
ipSystemStatsInBcastPkts (1.3.6.1.2.1.4.31.1.1.42)	read-only	No	Not supported
ipSystemStatsHCInBcastPkts (1.3.6.1.2.1.4.31.1.1.43)	read-only	No	Not supported
ipSystemStatsOutBcastPkts (1.3.6.1.2.1.4.31.1.1.44)	read-only	No	Not supported
ipSystemStatsHCOutBcastPkts (1.3.6.1.2.1.4.31.1.1.45)	read-only	No	Not supported
ipSystemStatsDiscontinuityTime (1.3.6.1.2.1.4.31.1.1.46)	read-only	No	Not supported
ipSystemStatsRefreshRate (1.3.6.1.2.1.4.31.1.1.47)	read-only	No	Not supported

## ipIfStatsTable

OID of this table is: 1.3.6.1.2.1.4.31.3

Name	Access	PDS	Description
ipIfStatsIPVersion (1.3.6.1.2.1.4.31.3.1.1)	not-accessible	No	Only support ipv6(2)
ipIfStatsIfIndex	not-accessible	No	As per MIB

(1.3.6.1.2.1.4.31.3.1.2)			
ipIfStatsInReceives (1.3.6.1.2.1.4.31.3.1.3)	read-only	No	Not supported
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	Not supported
ipIfStatsInForwDatagrams (1.3.6.1.2.1.4.31.3.1.12)	read-only	No	Not supported
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	Not supported
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	Not supported
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	Not supported
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	Not supported
ipIfStatsHCOOutMcastPkts (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
ipIfStatsHCOOutMcastOctets (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
ipIfStatsHCOOutBcastPkts (1.3.6.1.2.1.4.31.3.1.45)	read-only	No	Not supported
ipIfStatsDiscontinuityTime (1.3.6.1.2.1.4.31.3.1.46)	read-only	No	Not supported
ipIfStatsRefreshRate (1.3.6.1.2.1.4.31.3.1.47)	read-only	No	Not supported

## ipAddressPrefixTable

OID of this table is: 1.3.6.1.2.1.4.32

Name	Access	PDS	Description
ipAddressPrefixIfIndex (1.3.6.1.2.1.4.32.1.1)	not-accessible	No	As per MIB
ipAddressPrefixType (1.3.6.1.2.1.4.32.1.2)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
ipAddressPrefixPrefix (1.3.6.1.2.1.4.32.1.3)	not-accessible	No	As per MIB
ipAddressPrefixLength (1.3.6.1.2.1.4.32.1.4)	not-accessible	No	As per MIB
ipAddressPrefixOrigin (1.3.6.1.2.1.4.32.1.5)	read-only	No	As per MIB
ipAddressPrefixOnLinkFlag (1.3.6.1.2.1.4.32.1.6)	read-only	No	As per MIB
ipAddressPrefixAutonomousFlag (1.3.6.1.2.1.4.32.1.7)	read-only	No	As per MIB
ipAddressPrefixAdvPreferredLifetime (1.3.6.1.2.1.4.32.1.8)	read-only	No	As per MIB
ipAddressPrefixAdvValidLifetime (1.3.6.1.2.1.4.32.1.9)	read-only	No	As per MIB

## ipAddressTable

OID of this table is: 1.3.6.1.2.1.4.34

Name	Access	PDS	Description
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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
ipAddressStorageType (1.3.6.1.2.1.4.34.1.11)	read-create	No	Only support read operation

## 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

## ipv6ScopeZoneIndexTable

OID of this table is: 1.3.6.1.2.1.4.36

Name	Access	PDS	Description
ipv6ScopeZoneIndexIfIndex (1.3.6.1.2.1.4.36.1.1)	not-accessible	No	As per MIB
ipv6ScopeZoneIndexLinkLocal (1.3.6.1.2.1.4.36.1.2)	read-only	No	As per MIB
ipv6ScopeZoneIndex3 (1.3.6.1.2.1.4.36.1.3)	read-only	No	Not supported
ipv6ScopeZoneIndexAdminLocal	read-only	No	Not supported



(1.3.6.1.2.1.4.36.1.4)			
ipv6ScopeZoneIndexSiteLocal (1.3.6.1.2.1.4.36.1.5)	read-only	No	Not supported
ipv6ScopeZoneIndex6 (1.3.6.1.2.1.4.36.1.6)	read-only	No	Not supported
ipv6ScopeZoneIndex7 (1.3.6.1.2.1.4.36.1.7)	read-only	No	Not supported
ipv6ScopeZoneIndexOrganization Local (1.3.6.1.2.1.4.36.1.8)	read-only	No	Not supported
ipv6ScopeZoneIndex9 (1.3.6.1.2.1.4.36.1.9)	read-only	No	Not supported
ipv6ScopeZoneIndexA (1.3.6.1.2.1.4.36.1.10)	read-only	No	Not supported
ipv6ScopeZoneIndexB (1.3.6.1.2.1.4.36.1.11)	read-only	No	Not supported
ipv6ScopeZoneIndexC (1.3.6.1.2.1.4.36.1.12)	read-only	No	Not supported
ipv6ScopeZoneIndexD (1.3.6.1.2.1.4.36.1.13)	read-only	No	Not supported

## ipDefaultRouterTable

OID of this table is: 1.3.6.1.2.1.4.37

Name	Access	PDS	Description
ipDefaultRouterAddressType (1.3.6.1.2.1.4.37.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
ipDefaultRouterAddress (1.3.6.1.2.1.4.37.1.2)	not-accessible	No	As per MIB
ipDefaultRouterIfIndex (1.3.6.1.2.1.4.37.1.3)	not-accessible	No	As per MIB
ipDefaultRouterLifetime (1.3.6.1.2.1.4.37.1.4)	read-only	No	As per MIB
ipDefaultRouterPreference (1.3.6.1.2.1.4.37.1.5)	read-only	No	As per MIB

## ipv6RouterAdvertTable

OID of this table is: 1.3.6.1.2.1.4.39

Name	Access	PDS	Description
ipv6RouterAdvertIfIndex (1.3.6.1.2.1.4.39.1.1)	not-accessible	No	As per MIB
ipv6RouterAdvertSendAdverts (1.3.6.1.2.1.4.39.1.2)	read-create	No	Only support read operation
ipv6RouterAdvertMaxInterval (1.3.6.1.2.1.4.39.1.3)	read-create	No	Only support read operation
ipv6RouterAdvertMinInterval (1.3.6.1.2.1.4.39.1.4)	read-create	No	Only support read operation
ipv6RouterAdvertManagedFlag (1.3.6.1.2.1.4.39.1.5)	read-create	No	Only support read operation
ipv6RouterAdvertOtherConfigFlag (1.3.6.1.2.1.4.39.1.6)	read-create	No	Only support read operation
ipv6RouterAdvertLinkMTU (1.3.6.1.2.1.4.39.1.7)	read-create	No	Only support read operation
ipv6RouterAdvertReachableTime (1.3.6.1.2.1.4.39.1.8)	read-create	No	Only support read operation

ipv6RouterAdvertRetransmitTime (1.3.6.1.2.1.4.39.1.9)	read-create	No	Only support read operation
ipv6RouterAdvertCurHopLimit (1.3.6.1.2.1.4.39.1.10)	read-create	No	Only support read operation
ipv6RouterAdvertDefaultLifetime (1.3.6.1.2.1.4.39.1.11)	read-create	No	Only support read operation
ipv6RouterAdvertRowStatus (1.3.6.1.2.1.4.39.1.12)	read-create	No	Only support read operation

## ICMP Group{mib-2.5}

### Scalar objects

Name	Access	PDS	Description
icmpInMsgs (1.3.6.1.2.1.5.1)	read-only	No	As per MIB
icmpInErrors (1.3.6.1.2.1.5.2)	read-only	No	As per MIB
icmpInDestUnreachs (1.3.6.1.2.1.5.3)	read-only	No	As per MIB
icmpInTimeExcds (1.3.6.1.2.1.5.4)	read-only	No	As per MIB
icmpInParmProbs (1.3.6.1.2.1.5.5)	read-only	No	As per MIB
icmpInSrcQuenchs (1.3.6.1.2.1.5.6)	read-only	No	As per MIB
icmpInRedirects (1.3.6.1.2.1.5.7)	read-only	No	As per MIB
icmpInEchos (1.3.6.1.2.1.5.8)	read-only	No	As per MIB
icmpInEchoReps (1.3.6.1.2.1.5.9)	read-only	No	As per MIB
icmpInTimestamps (1.3.6.1.2.1.5.10)	read-only	No	As per MIB
icmpInTimestampReps (1.3.6.1.2.1.5.11)	read-only	No	As per MIB
icmpInAddrMasks (1.3.6.1.2.1.5.12)	read-only	No	As per MIB
icmpInAddrMaskReps (1.3.6.1.2.1.5.13)	read-only	No	As per MIB
icmpOutMsgs (1.3.6.1.2.1.5.14)	read-only	No	As per MIB
icmpOutErrors (1.3.6.1.2.1.5.15)	read-only	No	As per MIB
icmpOutDestUnreachs (1.3.6.1.2.1.5.16)	read-only	No	As per MIB
icmpOutTimeExcds (1.3.6.1.2.1.5.17)	read-only	No	As per MIB
icmpOutParmProbs (1.3.6.1.2.1.5.18)	read-only	No	As per MIB
icmpOutSrcQuenchs (1.3.6.1.2.1.5.19)	read-only	No	Not supported
icmpOutRedirects (1.3.6.1.2.1.5.20)	read-only	No	As per MIB
icmpOutEchos (1.3.6.1.2.1.5.21)	read-only	No	As per MIB
icmpOutEchoReps (1.3.6.1.2.1.5.22)	read-only	No	As per MIB
icmpOutTimestamps (1.3.6.1.2.1.5.23)	read-only	No	Not supported
icmpOutTimestampReps (1.3.6.1.2.1.5.24)	read-only	No	As per MIB
icmpOutAddrMasks (1.3.6.1.2.1.5.25)	read-only	No	Not supported
icmpOutAddrMaskReps (1.3.6.1.2.1.5.26)	read-only	No	As per MIB

## icmpStatsTable

OID of this table is: 1.3.6.1.2.1.5.29

Name	Access	PDS	Description
icmpStatsIPVersion (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	As per MIB

## 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

## TCP Group{mib-2.6}

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

## Scalar objects

Name	Access	PDS	Description
tcpRtoAlgorithm (1.3.6.1.2.1.6.1)	read-only	No	As per MIB
tcpRtoMin (1.3.6.1.2.1.6.2)	read-only	No	As per MIB
tcpRtoMax (1.3.6.1.2.1.6.3)	read-only	No	As per MIB
tcpMaxConn (1.3.6.1.2.1.6.4)	read-only	No	As per MIB
tcpActiveOpens (1.3.6.1.2.1.6.5)	read-only	No	As per MIB
tcpPassiveOpens (1.3.6.1.2.1.6.6)	read-only	No	As per MIB
tcpAttemptFails (1.3.6.1.2.1.6.7)	read-only	No	As per MIB
tcpEstabResets (1.3.6.1.2.1.6.8)	read-only	No	As per MIB
tcpCurrEstab (1.3.6.1.2.1.6.9)	read-only	No	As per MIB
tcpInSegs (1.3.6.1.2.1.6.10)	read-only	No	As per MIB
tcpOutSegs (1.3.6.1.2.1.6.11)	read-only	No	As per MIB

tcpRetransSegs (1.3.6.1.2.1.6.12)	read-only	No	As per MIB
tcpInErrs (1.3.6.1.2.1.6.14)	read-only	No	As per MIB
tcpOutRsts (1.3.6.1.2.1.6.15)	read-only	No	As per MIB
tcpHCInSegs (1.3.6.1.2.1.6.17)	read-only	No	Not supported
tcpHCOuSegs (1.3.6.1.2.1.6.18)	read-only	No	Not supported

## tcpConnTable

OID of this table is: 1.3.6.1.2.1.6.13

Name	Access	PDS	Description
tcpConnState (1.3.6.1.2.1.6.13.1.1)	read-write	No	Not writable
tcpConnLocalAddress (1.3.6.1.2.1.6.13.1.2)	read-only	No	As per MIB
tcpConnLocalPort (1.3.6.1.2.1.6.13.1.3)	read-only	No	As per MIB
tcpConnRemAddress (1.3.6.1.2.1.6.13.1.4)	read-only	No	As per MIB
tcpConnRemPort (1.3.6.1.2.1.6.13.1.5)	read-only	No	As per MIB

## tcpConnectionTable

OID of this table is: 1.3.6.1.2.1.6.19

Name	Access	PDS	Description
tcpConnectionLocalAddressType (1.3.6.1.2.1.6.19.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
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 ipv6(2) and ipv6z(4)
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

# UDP Group{mib-2.7}

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

## Scalar objects

A statistics collection for UDP group.

Name	Access	PDS	Description
udpInDatagrams (1.3.6.1.2.1.7.1)	read- only	No	As per MIB
udpNoPorts (1.3.6.1.2.1.7.2)	read-only	No	As per MIB
udpInErrors (1.3.6.1.2.1.7.3)	read-only	No	As per MIB
udpOutDatagrams (1.3.6.1.2.1.7.4)	read-only	No	As per MIB

## udpTable

OID of this table is: 1.3.6.1.2.1.7.5

Name	Access	PDS	Description
udpLocalAddress (1.3.6.1.2.1.7.5.1.1)	read-only	Current	As per MIB
udpLocalPort (1.3.6.1.2.1.7.5.1.2)	read-only	Current	As per MIB

# snmp Group{mib-2.11}

Name	Access	PDS	Description
snmplnPkts (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
snmplnBadVersions (1.3.6.1.2.1.11.3)	read-only	No	As per MIB
snmplnBadCommunityNames (1.3.6.1.2.1.11.4)	read-only	No	As per MIB
snmplnBadCommunityUses (1.3.6.1.2.1.11.5)	read-only	No	As per MIB
snmplnASNParseErrs (1.3.6.1.2.1.11.6)	read-only	No	As per MIB
snmplnTooBigs (1.3.6.1.2.1.11.8)	read-only	No	The value is always 0.
snmplnNoSuchNames (1.3.6.1.2.1.11.9)	read-only	No	The value is always 0.
snmplnBadValues (1.3.6.1.2.1.11.10)	read-only	No	The value is always 0.
snmplnReadOnlys (1.3.6.1.2.1.11.11)	read-only	No	The value is always 0.
snmplnGenErrs (1.3.6.1.2.1.11.12)	read-only	No	The value is always 0.
snmplnTotalReqVars (1.3.6.1.2.1.11.13)	read-only	No	As per MIB
snmplnTotalSetVars (1.3.6.1.2.1.11.14)	read-only	No	As per MIB
snmplnGetRequests (1.3.6.1.2.1.11.15)	read-only	No	As per MIB
snmplnGetNexts (1.3.6.1.2.1.11.16)	read-only	No	As per MIB
snmplnSetRequests (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)

## ARP MIB

### ipNetToMediaTable

OID of this table is: 1.3.6.1.2.1.4.22

Name	Access	PDS	Description
ipNetToMediaIndex (1.3.6.1.2.1.4.22.1.1)	read-write	Current	Only support read operation The value of static arp entries is 0
ipNetToMediaPhysAddress (1.3.6.1.2.1.4.22.1.2)	read-write	Current	Only support read operation
ipNetToMediaNetAddress (1.3.6.1.2.1.4.22.1.3)	read-write	Current	Only support read operation
ipNetToMediaType (1.3.6.1.2.1.4.22.1.4)	read-write	Current	Only support read operation

## RFC4022-MIB

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

TCP Group{mib-2.6}

### Scalar objects

Name	Access	PDS	Description
tcpRtoAlgorithm (1.3.6.1.2.1.6.1)	read-only	No	As per MIB
tcpRtoMin (1.3.6.1.2.1.6.2)	read-only	No	As per MIB
tcpRtoMax (1.3.6.1.2.1.6.3)	read-only	No	As per MIB
tcpMaxConn (1.3.6.1.2.1.6.4)	read-only	No	As per MIB

tcpActiveOpens (1.3.6.1.2.1.6.5)	read-only	No	As per MIB
tcpPassiveOpens (1.3.6.1.2.1.6.6)	read-only	No	As per MIB
tcpAttemptFails (1.3.6.1.2.1.6.7)	read-only	No	As per MIB
tcpEstabResets (1.3.6.1.2.1.6.8)	read-only	No	As per MIB
tcpCurrEstab (1.3.6.1.2.1.6.9)	read-only	No	As per MIB
tcpInSegs (1.3.6.1.2.1.6.10)	read-only	No	As per MIB
tcpOutSegs (1.3.6.1.2.1.6.11)	read-only	No	As per MIB
tcpRetransSegs (1.3.6.1.2.1.6.12)	read-only	No	As per MIB
tcpInErrs (1.3.6.1.2.1.6.14)	read-only	No	As per MIB
tcpOutRsts (1.3.6.1.2.1.6.15)	read-only	No	As per MIB
tcpHCInSegs (1.3.6.1.2.1.6.17)	read-only	No	Not supported
tcpHCOutSegs (1.3.6.1.2.1.6.18)	read-only	No	Not supported

## tcpConnTable

OID of this table is :1.3.6.1.2.1.6.13

Name	Access	PDS	Description
tcpConnState (1.3.6.1.2.1.6.13.1.1)	read-write	No	Not writable
tcpConnLocalAddress (1.3.6.1.2.1.6.13.1.2)	read-only	No	As per MIB
tcpConnLocalPort (1.3.6.1.2.1.6.13.1.3)	read-only	No	As per MIB
tcpConnRemAddress (1.3.6.1.2.1.6.13.1.4)	read-only	No	As per MIB
tcpConnRemPort (1.3.6.1.2.1.6.13.1.5)	read-only	No	As per MIB

## tcpConnectionTable

OID of this table is :1.3.6.1.2.1.6.19

Name	Access	PDS	Description
tcpConnectionLocalAddressType (1.3.6.1.2.1.6.19.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
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 ipv6(2) and ipv6z(4)
tcpConnectionRemAddress (1.3.6.1.2.1.6.19.1.5)	not-accessible	No	As per MIB

tcpConnectionRemPort (1.3.6.1.2.1.6.19.1.6)	not-accessible	No	As per MIB
tcpConnectionState (1.3.6.1.2.1.6.19.1.7)	read-write	No	Only support read operation
tcpConnectionProcess (1.3.6.1.2.1.6.19.1.8)	read-only	No	As per MIB

## tcpListenerTable

OID of this table is :1.3.6.1.2.1.6.20

Name	Access	PDS	Description
tcpListenerLocalAddressType (1.3.6.1.2.1.6.20.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
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

## RFC4113-MIB

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

UDP Group{mib-2.7}

## Scalar objects

A statistics collection for UDP group.

Name	Access	PDS	Description
udpInDatagrams (1.3.6.1.2.1.7.1)	read- only	No	As per MIB
udpNoPorts (1.3.6.1.2.1.7.2)	read-only	No	As per MIB
udpInErrors (1.3.6.1.2.1.7.3)	read-only	No	As per MIB
udpOutDatagrams (1.3.6.1.2.1.7.4)	read-only	No	As per MIB
udpHCInDatagrams (1.3.6.1.2.1.7.8)	read-only	No	Not supported
udpHCOutDatagrams (1.3.6.1.2.1.7.9)	read-only	No	Not supported

## udpTable

OID of this table is :1.3.6.1.2.1.7.5

Name	Access	PDS	Description
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udpLocalAddress (1.3.6.1.2.1.7.5.1.1)	read-only	Current	As per MIB
udpLocalPort (1.3.6.1.2.1.7.5.1.2)	read-only	Current	As per MIB

## udpEndpointTable

OID of this table is :1.3.6.1.2.1.7.7

Name	Access	PDS	Description
udpEndpointLocalAddressType (1.3.6.1.2.1.7.7.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
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 ipv6(2) and ipv6z(4)
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

## SNMP-FRAMEWORK-MIB

### Snmp Framework AdminSnmp Engine Group

Name	Access	PDS	Description
snmpEngineID (1.3.6.1.6.3.10.2.1.1)	read-only	Current	As per MIB
snmpEngineBoots (1.3.6.1.6.3.10.2.1.2)	read-only	Current	As per MIB
snmpEngineTime (1.3.6.1.6.3.10.2.1.3)	read-only	No	As per MIB
snmpEngineMaxMessageSize (1.3.6.1.6.3.10.2.1.4)	read-only	Current	As per MIB

### The allocation algorithm of snmpEngineID

The snmpEngineID has a length of 12 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 switches, the fifth octet is 3 indicates that the following is MAC address. The remaining six octets are the MAC address main board.

## SNMPv2-MIB

### Scalar objects

Name	Access	PDS	Description
sysORLastChange (1.3.6.1.2.1.1.8)	read-only	No	Not supported
snmpTrapOID (1.3.6.1.6.3.1.1.4.1)	accessible-for-notify	No	As per MIB
snmpTrapEnterprise (1.3.6.1.6.3.1.1.4.3)	accessible-for-notify	No	As per MIB
snmpSetSerialNo (1.3.6.1.6.3.1.1.6.1)	read-write	No	As per MIB

### snmp Group{mib-2.11}

Name	Access	PDS	Description
snmpSilentDrops (1.3.6.1.2.1.11.31)	read-only	No	As per MIB
snmpProxyDrops (1.3.6.1.2.1.11.32)	read-only	No	The value is always 0

## SNMP-MPD-MIB

### snmpMPDStats

Name	Access	PDS	Description
snmpUnknownSecurityModels (1.3.6.1.6.3.11.2.1.1)	read-only	No	As per MIB
snmpInvalidMsgs (1.3.6.1.6.3.11.2.1.2)	read-only	No	As per MIB
snmpUnknownPDUHandlers (1.3.6.1.6.3.11.2.1.3)	read-only	No	As per MIB

## SNMP-NOTIFICATION-MIB

### snmpNotifyTable

OID of this table is :1.3.6.1.6.3.13.1.1

This table has only one instance.

Name	Access	PDS	Description
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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-only	Current	As per MIB
snmpNotifyType (1.3.6.1.6.3.13.1.1.1.3)	read-only	Current	As per MIB
snmpNotifyStorageType (1.3.6.1.6.3.13.1.1.1.4)	read-only	Current	As per MIB
snmpNotifyRowStatus (1.3.6.1.6.3.13.1.1.1.5)	read-only	Current	As per MIB

# IF-MIB

## Scalar objects

Name	Access	PDS	Description
ifNumber (1.3.6.1.2.1.2.1)	read-only	No	As per MIB
ifTableLastChange (1.3.6.1.2.1.31.1.5)	read-only	No	Not supported
ifStackLastChange (1.3.6.1.2.1.31.1.6)	read-only	No	Not supported

## ifTable

OID of this table is :1.3.6.1.2.1.2.2

See ifTable in RFC1213-MIB

## 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	read-only	No	As per MIB

(1.3.6.1.2.1.31.1.1.1.10)			
ifHCOuUcastPkts (1.3.6.1.2.1.31.1.1.1.11)	read-only	No	As per MIB
ifHCOuMulticastPkts (1.3.6.1.2.1.31.1.1.1.12)	read-only	No	As per MIB
ifHCOuBroadcastPkts (1.3.6.1.2.1.31.1.1.1.13)	read-only	No	As per MIB
ifLinkUpDownTrapEnable (1.3.6.1.2.1.31.1.1.1.14)	read-write	Current	As per MIB
ifHighSpeed (1.3.6.1.2.1.31.1.1.1.15)	read-only	No	As per MIB
ifPromiscuousMode (1.3.6.1.2.1.31.1.1.1.16)	read-write	No	It is only available for Ethernet (GigabitEthernet, Ten-GigabitEthernet) interface working at route mode. For others, only read is supported and the value is always 2, which means not supported.
ifConnectorPresent (1.3.6.1.2.1.31.1.1.1.17)	read-only	No	As per MIB
ifAlias (1.3.6.1.2.1.31.1.1.1.18)	read-write	Current	Spaces at the beginning or at the end of the ifAlias are not supported and will be removed. A string fully composed with spaces is not supported either. A null string inputted as ifAlias will be replaced with the whole name of the interface which is the default value of the ifAlias. The max length of ifAlias MIB supports is 64, while the commandline supports 80. So if the length of ifAlias is larger than 64, only the former 64 letters are legal for MIB. Default for each interface is "xxxx Interface". xxxx is interface name.
ifCounterDiscontinuityTime (1.3.6.1.2.1.31.1.1.1.19)	read-only	No	As per MIB

## ifTestTable

OID of this table is :1.3.6.1.2.1.31.1.3

Name	Access	PDS	Description
ifTestId (1.3.6.1.2.1.31.1.3.1.1)	read-write	No	As per mib
ifTestStatus (1.3.6.1.2.1.31.1.3.1.2)	read-write	No	As per mib
ifTestType (1.3.6.1.2.1.31.1.3.1.3)	read-write	No	Only supported noTest, testFullDuplexLoopBack
ifTestResult (1.3.6.1.2.1.31.1.3.1.4)	read-only	No	As per mib
ifTestCode (1.3.6.1.2.1.31.1.3.1.5)	read-only	No	The value is always testCodeUnknown(0.0)
ifTestOwner (1.3.6.1.2.1.31.1.3.1.6)	read-write	No	As per mib

Note for ifTestTable:

At the same time, only one test can be in progress, the second test is rejected.

For distributed device, the result is holding on master board. If the device reboots, the test result is be lost.

The objects ifTestStatus, ifTestId, and ifTestOwner must be set together when ownership of the ifTestEntry is obtained successfully.

## 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 support read operation.
ifRcvAddressStatus (1.3.6.1.2.1.31.1.4.1.2)	read-create	No	Only support read operation.
ifRcvAddressType (1.3.6.1.2.1.31.1.4.1.3)	read-create	No	Only support read operation.

## RIPv2-MIB

### rip2Globals objects

OID of this table is :1.3.6.1.2.1.23.1

Name	Access	PDS	Description
rip2GlobalRouteChanges (1.3.6.1.2.1.23.1.1)	read-only	No	As per MIB
rip2GlobalQueries (1.3.6.1.2.1.23.1.2)	read-only	No	As per MIB

### rip2IfStatTable

OID of this table is :1.3.6.1.2.1.23.2

Name	Access	PDS	Description
rip2IfStatAddress (1.3.6.1.2.1.23.2.1.1)	read-only	Current	As per MIB
rip2IfStatRcvBadPackets (1.3.6.1.2.1.23.2.1.2)	read-only	No	As per MIB
rip2IfStatRcvBadRoutes	read-only	No	As per MIB

(1.3.6.1.2.1.23.2.1.3)			
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-only	No	As per MIB

## 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-only	Current	Not supported.
rip2IfConfAuthType (1.3.6.1.2.1.23.3.1.3)	read-write	Current	Only support read operation
rip2IfConfAuthKey (1.3.6.1.2.1.23.3.1.4)	read-write	Current	Only support read operation
rip2IfConfSend (1.3.6.1.2.1.23.3.1.5)	read-only	Current	The default value is ripVersion1(2)
rip2IfConfReceive (1.3.6.1.2.1.23.3.1.6)	read-only	No	As per MIB
rip2IfConfDefaultMetric (1.3.6.1.2.1.23.3.1.7)	read-only	Current	As per MIB
rip2IfConfStatus (1.3.6.1.2.1.23.3.1.8)	read-write	No	Only support read operation
rip2IfConfSrcAddress (1.3.6.1.2.1.23.3.1.9)	read-only	Current	As per MIB

# 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

## RADIUS-ACC-CLIENT-MIB

### 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

### 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

# RADIUS-AUTH-CLIENT-MIB

## 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

## 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

# EtherLike-MIB

## dot3StatsTable

OID of this table is :1.3.6.1.2.1.10.7.2

Name	Access	PDS	Description
dot3StatsIndex (1.3.6.1.2.1.10.7.2.1.1)	read-only	Current	As per MIB
dot3StatsAlignmentErrors (1.3.6.1.2.1.10.7.2.1.2)	read-only	Current	As per MIB
dot3StatsFCSErrors (1.3.6.1.2.1.10.7.2.1.3)	read-only	Current	As per MIB
dot3StatsSingleCollisionFrames (1.3.6.1.2.1.10.7.2.1.4)	read-only	Current	As per MIB
dot3StatsMultipleCollisionFrames (1.3.6.1.2.1.10.7.2.1.5)	read-only	Current	As per MIB
dot3StatsSQETestErrors (1.3.6.1.2.1.10.7.2.1.6)	read-only	Current	As per MIB
dot3StatsDeferredTransmissions (1.3.6.1.2.1.10.7.2.1.7)	read-only	Current	As per MIB
dot3StatsLateCollisions (1.3.6.1.2.1.10.7.2.1.8)	read-only	Current	As per MIB
dot3StatsExcessiveCollisions (1.3.6.1.2.1.10.7.2.1.9)	read-only	Current	As per MIB
dot3StatsInternalMacTransmitErrors (1.3.6.1.2.1.10.7.2.1.10)	read-only	Current	As per MIB
dot3StatsCarrierSenseErrors (1.3.6.1.2.1.10.7.2.1.11)	read-only	Current	As per MIB
dot3StatsFrameTooLongs (1.3.6.1.2.1.10.7.2.1.13)	read-only	Current	As per MIB
dot3StatsInternalMacReceiveErrors (1.3.6.1.2.1.10.7.2.1.16)	read-only	Current	As per MIB
dot3StatsEtherChipSet (1.3.6.1.2.1.10.7.2.1.17)	read-only	Current	Not supported
dot3StatsSymbolErrors (1.3.6.1.2.1.10.7.2.1.18)	read-only	Current	As per MIB

dot3StatsDuplexStatus (1.3.6.1.2.1.10.7.2.1.19)	read-only	Current	As per MIB
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## 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	Current	As per MIB

## dot3ControlTable

OID of this table is :1.3.6.1.2.1.10.7.9

Name	Access	PDS	Description
dot3ControlFunctionsSupported (1.3.6.1.2.1.10.7.9.1.1)	read-only	No	Not supported
dot3ControlInUnknownOpcodes (1.3.6.1.2.1.10.7.9.1.2)	read-only	Current	As per MIB

## dot3PauseTable

OID of this table is :1.3.6.1.2.1.10.7.10

Name	Access	PDS	Description
dot3PauseAdminMode (1.3.6.1.2.1.10.7.10.1.1)	read-only	Current	As per MIB
dot3PauseOperMode (1.3.6.1.2.1.10.7.10.1.2)	read-only	Current	As per MIB
dot3InPauseFrames (1.3.6.1.2.1.10.7.10.1.3)	read-only	Current	As per MIB
dot3OutPauseFrames (1.3.6.1.2.1.10.7.10.1.4)	read-only	Current	As per MIB

# MAU-MIB

## ifMauTable

OID of this table is :1.3.6.1.2.1.26.2.1

Name	Access	PDS	Description
ifMauIfIndex (1.3.6.1.2.1.26.2.1.1.1)	read-only	No	As per MIB
ifMauIndex (1.3.6.1.2.1.26.2.1.1.2)	read-only	No	As per MIB
ifMauType (1.3.6.1.2.1.26.2.1.1.3)	read-only	Current	As per MIB
ifMauStatus (1.3.6.1.2.1.26.2.1.1.4)	read-only	No	As per MIB
ifMauMediaAvailable	read-only	No	As per MIB

(1.3.6.1.2.1.26.2.1.1.5)			
ifMauMediaAvailableStateExits (1.3.6.1.2.1.26.2.1.1.6)	read-only	Current	As per MIB
ifMauJabberState (1.3.6.1.2.1.26.2.1.1.7)	read-only	Current	As per MIB
ifMauJabberingStateEnters (1.3.6.1.2.1.26.2.1.1.8)	read-only	Current	As per MIB
ifMauFalseCarriers (1.3.6.1.2.1.26.2.1.1.9)	read-only	Current	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	Current	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	Current	Not supported

## ifJackTable

OID of this table is :1.3.6.1.2.1.26.2.2

Name	Access	PDS	Description
ifJackIndex (1.3.6.1.2.1.26.2.2.1.1)	not-accessible	No	As per MIB
ifJackType (1.3.6.1.2.1.26.2.2.1.2)	read-only	No	Not supported

## 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	Current	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-only	Current	As per MIB
ifMauAutoNegCapReceived (1.3.6.1.2.1.26.5.1.1.7)	read-only	Current	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-only	Current	As per MIB
ifMauAutoNegCapReceivedBits (1.3.6.1.2.1.26.5.1.1.11)	read-only	Current	As per MIB
ifMauAutoNegRemoteFaultAdverti sed (1.3.6.1.2.1.26.5.1.1.12)	read-only	Current	As per MIB
ifMauAutoNegRemoteFaultReceiv	read-only	Current	As per MIB

# ENTITY-MIB

This document 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.

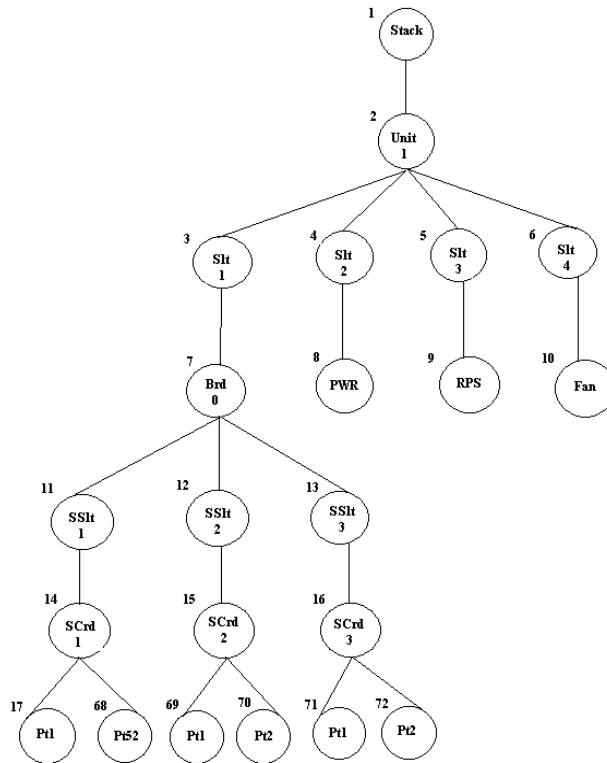
The entityLogical group describes the logical entities managed by a single agent. This group contains a single table to identify logical entities, called the entLogicalTable. The entLogicalTable contains one row per logical entity. Each row is indexed by an arbitrary, small integer and contains a name, 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 unit in A5500-SI products. In A5500-SI products, there are 1 solt, 1 PSU, 1 RPS and 1 Fan as level 1 containers, and there are 3 subslots as level 2 containers. They are front panel subslot, stacking ports subslot, expansion card subslot. The max port number in a subslot is 52, including 48 RJ45 fixed ports and 4 SFP ports. Such as the figure and the table shown:



User sees	EntPhysical Index	entPhysicalClasses	EntPhysicalContainedin	entPhysicalParentRelPos
Stack	1	stack (11)	0	-1
Unit 1	2	chassis (3)	1	1
Slot0(for board0)	3	container(5)	2	0
slot1(for PWR)	4	container(5)	2	1
Slot2(for RPS)	5	container(5)	2	2
slot3(for FAN)	6	container(5)	2	3
Board0(a virtual board that contains subslots)	7	module(9)	3	0
PWR	8	powerSupply(6)	4	1
RPS	9	powerSupply(6)	5	1
FAN	10	fan(7)	6	1
SubSlot0	11	container(5)	7	0
SubSlot1	12	container(5)	7	1
SubSlot2	13	container(5)	7	2
SubCard0(Front Panel)	14	module(9)	11	1
SubCard1(Expansion Card 1)	15	module(9)	12	1
SubCard2(Expansion Card 2)	16	module(9)	13	1
Port on front panel	17	port(10)	14	1
Port on front panel	18	port(10)	14	2
...	19	port(10)	14	3
Port on expansion card 1	69	port(10)	15	1
Port on expansion card 1	70	port(10)	15	2
Port on expansion card 2	71	port(10)	16	1

Port on expansion card 2	72	port(10)	16	2
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## entPhysicalTable

Name	Access	PDS	Description
entPhysicalIndex	not-accessible	No	As per MIB
entPhysicalDescr	read-only	No	As per MIB
entPhysicalVendorType	read-only	No	All the vendor types are listed in H3C-ENTITY-VENDORTYPE-OID-MIB. When provided for different company, the value of this object should be described separately.
entPhysicalContainedIn	read-only	No	As per MIB
entPhysicalClass	read-only	No	As per MIB
entPhysicalParentRelPos	read-only	No	As per MIB
entPhysicalName	read-only	No	As per MIB
entPhysicalHardwareRev	read-only	No	As per MIB
entPhysicalFirmwareRev	read-only	No	As per MIB
entPhysicalSoftwareRev	read-only	No	As per MIB
entPhysicalSerialNum	read-write	No	Only support read operation
entPhysicalMfgName	read-only	No	As per MIB
entPhysicalModelName	read-only	No	As per MIB
entPhysicalAlias	read-write	No	Only support read operation
entPhysicalAssetID	read-write	No	Only support read operation
entPhysicalIsFRU	read-only	No	As per MIB
entPhysicalMfgDate	read-only	No	As per MIB
entPhysicalUri	read-write	No	Only support read operation

In the following table, if the entity is a virtual one, the objects except for the “entPhysicalContainedIn” and “entPhysicalParentRelPos” are meaningless to that entity.

entity	<b>entPhysicalDescr</b> if the entity has value in VendorType MIB, that value will be filled in. if no value in VendorType MIB, but some product request, the request value will be filled in. if no value in VendorType MIB and no request, a null string will filled in.
Unit	For example: “HP A5500-48G SI Switch Software Version 5.20 “
Slot	CONTAINER LEVEL1
SubSlot	CONTAINER LEVEL2
PowerSupply	PowerSupply
Fan	FAN UNIT
Board	NULL
SubCard	“2-Port XFP Module” for 2 XFP module “1-Port XFP Module” for 1 XFP module “2-Port CX4 Module” for 2 CX4 module “2-Port SFP+ Module” for 2 SFP+ module “2-Port GE Module” for 2 GE module
Port	The same as the ifDescr value for the port

Fabric	"HP"
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entity	entPhysicalVendorType(need complete VendorType MIB)
Unit	<p>No value in vendorType mib</p> <p>SysObjectID of the product</p> <p>OBJECT IDENTIFIER ::= { hpSwitch 29 }</p> <p>-----→HPA5500-24GSISwitchwith2InterfaceSlots</p> <p>OBJECT IDENTIFIER ::= { hpSwitch 30 }</p> <p>----→HPA5500-48GSISwitchwith2InterfaceSlots</p> <p>OBJECT IDENTIFIER ::= { hpSwitch 31 }</p> <p>-----→HPA5500-24G-PoE+SISwitchwith2InterfaceSlots</p> <p>OBJECT IDENTIFIER ::= { hpSwitch 32 }</p> <p>-----→HPA5500-48G-PoE+SISwitchwith2InterfaceSlots</p>
Slot	NULL
SubSlot	NULL
PowerSupply	h3cevtPowerSupplyAC    OBJECT IDENTIFIER ::= { h3cevtPowerSupply 2 }
Fan	NULL
Board	NULL
SubCard	<p>{ hhh3cevtModuleSwitchType 269 } -- hhh3cevtModuleSw-LSPM1XP1P (1 XFP Module )</p> <p>{ hhh3cevtModuleSwitchType 270 } -- hhh3cevtModuleSw-LSPM1XP2P (2 XFP Module)</p> <p>{ hhh3cevtModuleSwitchType 271 } -- hhh3cevtModuleSw-LSPM1CX2P (2 CX4 Module)</p> <p>{ hhh3cevtModuleSwitchType 725 } -- hhh3cevtModuleSw- LSPM2SP2P(2 SFP+ Module)</p> <p>{ hhh3cevtModuleSwitchType 708 } -- hhh3cevtModuleSw- LSPM2GP2P (2 GE Module)</p>
Port	<p>{ hhh3cevtPortSwitchType 43 } -- 1000 Base-T Port</p> <p>{ hhh3cevtPortSwitchType 44 } -- 1000 Base-SX SFP Port</p> <p>{ hhh3cevtPortSwitchType 45 } -- 1000 Base-LX SFP Port</p> <p>{ hhh3cevtPortSwitchType 46 } -- 1000 Base-T AN SFP Port</p> <p>{ hhh3cevtPortSwitchType 50 } -- 1000 Base-ZX SFP Port</p> <p>{ hhh3cevtPortSwitchType 57 } -- No Connector SFP Port</p> <p>{ hhh3cevtPortSwitchType 58 } -- Unknown SFP Port</p> <p>{ hhh3cevtPortSwitchType 49 } -- 10G Base-CX4 Port</p> <p>{ hhh3cevtPortSwitchType 74 } -- XFP without Transceiver</p> <p>{ hhh3cevtPortSwitchType 75 } -- 10GBASE-SR XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 76 } -- 10GBASE-LR XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 77 } -- 10GBASE-ER XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 78 } -- 10GBASE-SW XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 79 } -- 10GBASE-LW XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 80 } -- 10GBASE-EW XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 81 } -- 10GBASE-CX4 XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 82 } -- 10GBASE-LX4 XFP Transceiver</p> <p>{ hhh3cevtPortSwitchType 83 } -- Unknown XFP Transceiver</p> <p> { hh3cevtPortSwitchType 192 } -10GBASE-SR SFP+ Transceiver</p>

	{ hh3cevtPortSwitchType 193 }--10GBASE-LR SFP+ Transceiver { hh3cevtPortSwitchType 194 }--10GBASE-LRM SFP+ Transceiver { hh3cevtPortSwitchType 196 }-Unknown SFP+ Transceiver { hh3cevtPortSwitchType 197 }-SFP+ STACK Transceiver
Fabric	NULL

entity	entPhysicalContainedIn()
Unit	see index range table above
Slot	see index range table above
SubSlot	see index range table above
PowerSupply	see index range table above
Fan	see index range table above
Board	see index range table above
SubCard	see index range table above
Port	see index range table above
Fabric	see index range table above

entity	entPhysicalClass
Unit	chassis(3)
Slot	container(5)
SubSlot	container(5)
PowerSupply	PowerSupply(6)
Fan	fan(7)
Board	module(9)
SubCard	module(9)
Port	Port(10)
Fabric	stack(11)

entity	entPhysicalParentRelPos
Unit	see index range table above
Slot	see index range table above
SubSlot	see index range table above
PowerSupply	see index range table above
Fan	see index range table above
Board	see index range table above
SubCard	see index range table above
Port	see index range table above
Fabric	see index range table above

entity	entPhysicalName
Unit	"A5500-SI"
Slot	NULL
SubSlot	NULL
PowerSupply	"PowerSupply"
Fan	"Fan1"
Board	None
SubCard	"SubCard"+SubCardNO;like "SubCard0" [0..2]
Port	Port_Type + UnitID/SubslotID/Port_Number, like "GigabitEthernet 1/0/1"



Fabric	NULL
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entity	entPhysicalHardwareRev
Unit	PCB version of Slot0
Slot	None
SubSlot	None
PowerSupply	not available
Fan	not available
Board	None, because it is a logical (virtual) entity.
SubCard	PCB version of SubCard
Port	None
Fabric	None

entity	entPhysicalFirmwareRev
Unit	Bootrom version of Slot0
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None,
SubCard	None
Port	None
Fabric	None

entity	entPhysicalSoftwareRev(used in Technique Support)
Unit	In TR5-ESS phase: "5.20 Beta 11xxPyy" In ESS -TR6 phase: "5.20 ESS 11xxPyy" After TR6: "5.20 Release 00xxPyy" "xx" is serial number, start from "01", "yy" is patch number, start from "01", for a specified serial number ,the first version has no "Pyy" field
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None
SubCard	None
Port	None
Fabric	None

entity	entPhysicalSerialNum
Unit	Customer Visible Serial Number
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None
SubCard	None
Port	If SFP or XFP ports, the entPhysicalSerialNum should be the serial number of the optical module

Fabric	None
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entity	entPhysicalMfgName must provided
Unit	A string "HP"
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None
SubCard	A string "HP"
Port	None
Fabric	A string "HP"

entity	entPhysicalModelName confirm to each entry3C Number chassis
Unit	JD369A HP A5500-24G SI Switch with 2 Interface Slots JD370A HP A5500-48G SI Switch with 2 Interface Slots JG238A HP A5500-24G-PoE+ SI Switch with 2 Interface Slots JG239A HP A5500-48G-PoE+ SI Switch with 2 Interface Slots
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None
SubCard	"LSPM1XP2P" for 2-Port 10G XFP Module "LSPM1XP1P" for 1-Port 10G XFP Module "LSPM1CX2P" for 2-Port 10G CX4 Module "LSPM2SP2P" for 2-Port 10G SFP+ Module "LSPM2GP2P" for 2-Port GE Module
Port	None
Fabric	None

entity	entPhysicalAlias
Unit	None
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None
SubCard	None
Port	None
Fabric	none

entity	entPhysicalAssetID
Unit	None
Slot	None
SubSlot	None
PowerSupply	None
Fan	None
Board	None

SubCard	None
Port	None
Fabric	None

entity	entPhysicalsFRU
Unit	True(1)
Slot	False(2)
SubSlot	False(2)
PowerSupply	False(2)
Fan	False(2)
Board	False(2)
SubCard	True(1)
Port	If a SFP or XFP(that is optical module) port, True(1); else, False(2)
Fabric	False(2)

## entAliasMappingTable

Name	Access	PDS	Description
entAliasLogicalIndexOrZero	not-accessible	No	As per MIB
entAliasMappingIdentifier	read-only	No	As per MIB

## entPhysicalContainsTable

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

# DISMAN-PING-MIB

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

## Scalar objects

Name	Access	PDS	Description
pingMaxConcurrentRequests (1.3.6.1.2.1.80.1.1)	read-write	Current	The max value is 5.

## pingCtlTable

OID of this table is :1.3.6.1.2.1.80.1.2

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

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

- e) pingCtlTargetAddressType and pingCtlTargetAddress must be modified together.
- f) pingCtlSourceAddressType and pingCtlSourceAddress must be modified together.
- g) 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, pingCtlMaxRows,  
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 pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
pingUdpEcho hh3cNqaUdpEcho or hh3cpingUdpEcho	pingCtlTargetAddressType pingCtlTargetAddress pingCtlDataSize pingCtlDataFill pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable

	pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
pingSnmpQuery	pingCtlTargetAddressType pingCtlTargetAddress pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
pingTcpConnectionAttempt  hh3cNqaTcpconnect or hh3cpingTcpconnect	pingCtlTargetAddressType pingCtlTargetAddress pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
hh3cNqajitter ( for udp-jitter test) hh3cNqaCtlCodecType is defined as notDefined(1)	pingCtlTargetAddressType pingCtlTargetAddress pingCtlDataSize pingCtlDataFill pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
hh3cNqajitter (for voice test)  hh3cNqaCtlCodecType is defined as g711Alaw(2)、 g711Ulaw(3) or g729A(4)	pingCtlTargetAddressType pingCtlTargetAddress pingCtlDataSize pingCtlDataFill pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField
hh3cNqaHttp	pingCtlTargetAddressType pingCtlTargetAddress pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
hh3cNqadlsw	pingCtlTargetAddressType pingCtlTargetAddress pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
hh3cNqadhcp	pingCtlIfIndex pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter

hh3cNqaftp	pingCtlTargetAddressType pingCtlTargetAddress pingCtlSourceAddressType pingCtlSourceAddress pingCtlByPassRouteTable pingCtlDSField pingCtlProbeCount pingCtlTrapProbeFailureFilter pingCtlTrapTestFailureFilter
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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).
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	read-create	Current	If the value of pingCtlTargetAddressType is ipv4(1), the value of this object must be ipv4 address. If the value of pingCtlTargetAddressType is unknown(0), the value of this object must be zero-length string.
pingCtlDataSize (1.3.6.1.2.1.80.1.2.1.5)	read-create	Current	An IP packet has a maximum size of 8100 octets, not including the size of the ICMP or UDP header (both 8 octets) and the size of the IP header (20 octets). 0 octets means system use the default packet size. When doing icmp or udp test, the range is from 20 to 8100. When doing JITTER test, the range is from 68 to 8100 and the default value is 100. When doing voice test, the range is from 16 to 1500, and if the codec-type is g711a or g711u, the default value is 172, or else the default value is 32.
pingCtlTimeOut (1.3.6.1.2.1.80.1.2.1.6)	read-create	Current	If the value is not times of seconds(set by CLI), the result of reading operation is inaccurate. Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s. If the value exceeds 60s(set by CLI), the result of reading operation is 60s. When doing voice test, default value is 5s, or else the default value is 3s
pingCtlProbeCount (1.3.6.1.2.1.80.1.2.1.7)	read-create	Current	For voice test, the value of this object only can set 1
pingCtlAdminStatus (1.3.6.1.2.1.80.1.2.1.8)	read-create	Current	As per MIB

pingCtlDataFill (1.3.6.1.2.1.80.1.2.1.9)	read-create	Current	The length of this object is from 0 to 200.
pingCtlFrequency (1.3.6.1.2.1.80.1.2.1.10)	read-create	Current	Range from 0 to 604800 If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate. Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s. When doing voice test, default value is 60s, or else the default value is 0s. If the value of this object is 0, statistics will not be created.
pingCtlMaxRows (1.3.6.1.2.1.80.1.2.1.11)	read-create	Current	Range from 0 to 50.
pingCtlStorageType (1.3.6.1.2.1.80.1.2.1.12)	read-only	Current	As per MIB
pingCtlTrapGeneration (1.3.6.1.2.1.80.1.2.1.13)	read-create	Current	For voice test, Only pingTestCompleted(2) is supported.
pingCtlTrapProbeFailureFilter (1.3.6.1.2.1.80.1.2.1.14)	read-create	Current	Range from 1 to 15. This object cannot be configured before the corresponding type(probeFailure) in pingCtlTrapGeneration is specified. If the value of pingCtlTrapGeneration does not contain probeFailure, the value of this object is 1. For voice test, this object is invalid.
pingCtlTrapTestFailureFilter (1.3.6.1.2.1.80.1.2.1.15)	read-create	Current	Range from 1 to 15. This object cannot be configured before the corresponding type(testFailure) in pingCtlTrapGeneration is specified. If the value of pingCtlTrapGeneration does not contain testFailure, the value of this object is 1. For voice test, this object is invalid.
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	read-create	Current	Can not be modified after creation.
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	read-create	Current	The length of this object is from 0 to 200. The value cannot begin with space.
pingCtlSourceAddressType (1.3.6.1.2.1.80.1.2.1.18)	read-create	Current	Only support ipv4(1) and unknown(0). Default value is unknown(0).
pingCtlSourceAddress (1.3.6.1.2.1.80.1.2.1.19)	read-create	Current	If the value of pingCtlSourceAddressType is ipv4(1), the value of this object must be ipv4 address. If the value of pingCtlSourceAddressType is unknown(0), the value of this object must be zero-length string.
pingCtlIfIndex (1.3.6.1.2.1.80.1.2.1.20)	read-create	Current	The type of interface must be layer three Ethernet interface or vlan interface.

pingCtlByPassRouteTable (1.3.6.1.2.1.80.1.2.1.21)	read-create	Current	As per MIB
pingCtlDSField (1.3.6.1.2.1.80.1.2.1.22)	read-create	Current	As per MIB
pingCtlRowStatus (1.3.6.1.2.1.80.1.2.1.23)	read-create	No	Only support active(1), createAndgo(4) and destroy(6).

## pingResultsTable

OID of this table is :1.3.6.1.2.1.80.1.3

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

## pingProbeHistoryTable

OID of this table is :1.3.6.1.2.1.80.1.4

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



# DOT3-OAM-MIB

## dot3OamTable

OID of this table is :1.3.6.1.2.1.158.1.1

Name	Access	PDS	Description
dot3OamAdminState (1.3.6.1.2.1.158.1.1.1)	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

## dot3OamPeerTable

OID of this table is :1.3.6.1.2.1.158.1.2

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

## dot3OamStatsTable

OID of this table is :1.3.6.1.2.1.158.1.4

Name	Access	PDS	Description
dot3OamInformationTx (1.3.6.1.2.1.158.1.4.1.1)	read-only	No	As per MIB
dot3OamInformationRx (1.3.6.1.2.1.158.1.4.1.2)	read-only	No	As per MIB
dot3OamUniqueEventNotificationTx (1.3.6.1.2.1.158.1.4.1.3)	read-only	No	As per MIB
dot3OamUniqueEventNotificationRx (1.3.6.1.2.1.158.1.4.1.4)	read-only	No	As per MIB

dot3OamDuplicateEventNotificationTx (1.3.6.1.2.1.158.1.4.1.5)	read-only	No	As per MIB
dot3OamDuplicateEventNotificationRx (1.3.6.1.2.1.158.1.4.1.6)	read-only	No	As per MIB
dot3OamLoopbackControlTx (1.3.6.1.2.1.158.1.4.1.7)	read-only	No	As per MIB
dot3OamLoopbackControlRx (1.3.6.1.2.1.158.1.4.1.8)	read-only	No	As per MIB
dot3OamVariableRequestTx (1.3.6.1.2.1.158.1.4.1.9)	read-only	No	Not Supported
dot3OamVariableRequestRx (1.3.6.1.2.1.158.1.4.1.10)	read-only	No	Not Supported
dot3OamVariableResponseTx (1.3.6.1.2.1.158.1.4.1.11)	read-only	No	Not Supported
dot3OamVariableResponseRx (1.3.6.1.2.1.158.1.4.1.12)	read-only	No	Not Supported
dot3OamOrgSpecificTx (1.3.6.1.2.1.158.1.4.1.13)	read-only	No	Not Supported
dot3OamOrgSpecificRx (1.3.6.1.2.1.158.1.4.1.14)	read-only	No	Not Supported
dot3OamUnsupportedCodesTx (1.3.6.1.2.1.158.1.4.1.15)	read-only	No	Not Supported
dot3OamUnsupportedCodesRx (1.3.6.1.2.1.158.1.4.1.16)	read-only	No	Not Supported
dot3OamFramesLostDueToOam (1.3.6.1.2.1.158.1.4.1.17)	read-only	No	Not Supported

## dot3OamEventConfigTable

OID of this table is :1.3.6.1.2.1.158.1.5

Name	Access	PDS	Description
dot3OamErrSymPeriodWindowHi (1.3.6.1.2.1.158.1.5.1.1)	read-write	Current	Not supported
dot3OamErrSymPeriodWindowLo (1.3.6.1.2.1.158.1.5.1.2)	read-write	Current	Not supported
dot3OamErrSymPeriodThresholdHi (1.3.6.1.2.1.158.1.5.1.3)	read-write	Current	Not supported
dot3OamErrSymPeriodThresholdLo (1.3.6.1.2.1.158.1.5.1.4)	read-write	Current	Not supported
dot3OamErrSymPeriodEvNotifEnable (1.3.6.1.2.1.158.1.5.1.5)	read-write	Current	Not supported
dot3OamErrFramePeriodWindow (1.3.6.1.2.1.158.1.5.1.6)	read-write	Current	Range from 100 to 60000, 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.
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	As per MIB
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

able (1.3.6.1.2.1.158.1.5.1.14)			
dot3OamDyingGaspEnable (1.3.6.1.2.1.158.1.5.1.15)	read-write	Current	Not supported
dot3OamCriticalEventEnable (1.3.6.1.2.1.158.1.5.1.16)	read-write	Current	Not supported

## dot3OamEventLogTable

OID of this table is :1.3.6.1.2.1.158.1.6

Name	Access	PDS	Description
dot3OamEventLogIndex (1.3.6.1.2.1.158.1.6.1.1)	read-only	No	The max value is 100.All of the objects of this table saves the conditions in the latest event.
dot3OamEventLogTimestamp (1.3.6.1.2.1.158.1.6.1.2)	read-only	No	As per MIB
dot3OamEventLogOui (1.3.6.1.2.1.158.1.6.1.3)	read-only	No	As per MIB
dot3OamEventLogType (1.3.6.1.2.1.158.1.6.1.4)	read-only	No	As per MIB
dot3OamEventLogLocation (1.3.6.1.2.1.158.1.6.1.5)	read-only	No	As per MIB
dot3OamEventLogWindowHi (1.3.6.1.2.1.158.1.6.1.6)	read-only	No	As per MIB
dot3OamEventLogWindowLo (1.3.6.1.2.1.158.1.6.1.7)	read-only	No	As per MIB
dot3OamEventLogThresholdHi (1.3.6.1.2.1.158.1.6.1.8)	read-only	No	As per MIB
dot3OamEventLogThresholdLo (1.3.6.1.2.1.158.1.6.1.9)	read-only	No	As per MIB
dot3OamEventLogValue (1.3.6.1.2.1.158.1.6.1.10)	read-only	No	As per MIB
dot3OamEventLogRunningTotal (1.3.6.1.2.1.158.1.6.1.11)	read-only	No	As per MIB
dot3OamEventLogEventTotal (1.3.6.1.2.1.158.1.6.1.12)	read-only	No	As per MIB

## SFLOW-MIB

### Scalar objects

Name	Access	PDS	Description
sFlowVersion (1.3.6.1.4.1.14706.1.1.1)	read-only	No	As per MIB
sFlowAgentAddressType (1.3.6.1.4.1.14706.1.1.2)	read-only	No	As per MIB
sFlowAgentAddress	read-only	No	As per MIB

(1.3.6.1.4.1.14706.1.1.3)			
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## sFlowRcvrTable

OID of this table is :1.3.6.1.4.1.14706.1.1.4

Permanent entries can be configured by command line. The sFlowRcvrTimeout and sFlowRcvrAddress of permanent entries can't be alterable via SNMP. The SNMP can't unclaim an permanent entry.

Name	Access	PDS	Description
sFlowRcvrIndex (1.3.6.1.4.1.14706.1.1.4.1.1)	not-accessible	No	Range from 1 to 10.
sFlowRcvrOwner (1.3.6.1.4.1.14706.1.1.4.1.2)	read- write	No	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	No	When reading a permanent sFlowRcvrTable entry. the value will be -1.
sFlowRcvrMaximumDatagramSize (1.3.6.1.4.1.14706.1.1.4.1.4)	read- write	No	Range from 200 to 3000.
sFlowRcvrAddressType (1.3.6.1.4.1.14706.1.1.4.1.5)	read- write	No	As per MIB
sFlowRcvrAddress (1.3.6.1.4.1.14706.1.1.4.1.6)	read- write	No	As per MIB
sFlowRcvrPort (1.3.6.1.4.1.14706.1.1.4.1.7)	read- write	No	As per MIB
sFlowRcvrDatagramVersion (1.3.6.1.4.1.14706.1.1.4.1.8)	read- write	No	Only support V5.

# sFlowFsTable

OID of this table is :1.3.6.1.4.1.14706.1.1.5

Name	Access	PDS	Description
sFlowFsDataSource (1.3.6.1.4.1.14706.1.1.5.1.1)	not-accessible	Current	As per MIB
sFlowFsInstance (1.3.6.1.4.1.14706.1.1.5.1.2)	not-accessible	Current	When setting the sFlowFsTable , this value must be 1. Only one instance is supported for one datasource on device.
sFlowFsReceiver (1.3.6.1.4.1.14706.1.1.5.1.3)	read- write	Current	The range depends on sFlowRcvrTable. When the receiver expires. the value is not changed.
sFlowFsPacketSamplingRate (1.3.6.1.4.1.14706.1.1.5.1.4)	read- write	Current	The range is product specific. A sampling rate of 0 disables sampling.
sFlowFsMaximumHeaderSize (1.3.6.1.4.1.14706.1.1.5.1.5)	read- write	Current	Range from 18 to 512.

# sFlowCpTable

OID of this table is :1.3.6.1.4.1.14706.1.1.6

Name	Access	PDS	Description
sFlowCpDataSource (1.3.6.1.4.1.14706.1.1.6.1.1)	not-accessible	Current	As per MIB
sFlowCpInstance (1.3.6.1.4.1.14706.1.1.6.1.2)	not-accessible	Current	When setting the sFlowCpTable , this value must be 1. Only one instance is supported for one datasource on device.

sFlowCpReceiver (1.3.6.1.4.1.14706.1.1.6.1.3)	read- write	Current	The range depends on sFlowRcvrTable. When the receiver expires. The value is not changed.
sFlowCpInterval (1.3.6.1.4.1.14706.1.1.6.1.4)	read- write	Current	Range from 2 to 86400. A sampling interval of 0 disables counter sampling.

## SNMP-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. For IPv6, the value of snmpTargetAddrTDomain must be transportDomainUdplpv6.
- 6) The value of snmpTargetAddrStorageType should be nonVolatile.
- 7) The length of snmpTargetParamsSecurityName in snmpTargetAddrParams restricted in 1 to 32 octets.
- 8) The length of VPN Instance name in snmpTargetAddrParams restricted in 1 to 31 octets.

## Scalar objects of snmpTargetObjects group

OID of this table is :1.3.6.1.6.3.12.1

Name	Access	PDS	Description
snmpTargetSpinLock (1.3.6.1.6.3.12.1.1)	read-write	No	As per MIB
snmpUnavailableContexts (1.3.6.1.6.3.12.1.4)	read-only	No	As per MIB
snmpUnknownContexts (1.3.6.1.6.3.12.1.5)	read-only	No	As per MIB

# snmpTargetAddrTable

OID of this table is :1.3.6.1.6.3.12.1.2

Name	Access	PDS	Description
snmpTargetAddrName (1.3.6.1.6.3.12.1.2.1.1)	not-accessible	Current	The length of snmpTargetAddrName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetAddrTDomain (1.3.6.1.6.3.12.1.2.1.2)	read-create	Current	This object should be transportDomainUdpIpv6 or 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",
snmpTargetAddrParams (1.3.6.1.6.3.12.1.2.1.7)	read-create	Current	The length of snmpTargetAddrParams is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetAddrStorageType (1.3.6.1.6.3.12.1.2.1.8)	read-create	Current	The conceptual row can be created, modified and deleted. It can be modified to other values, but only 'nonVolatile' is valid.
snmpTargetAddrRowStatus (1.3.6.1.6.3.12.1.2.1.9)	read-create	Current	As per MIB

# snmpTargetParamsTable

OID of this table is :1.3.6.1.6.3.12.1.3

Name	Access	PDS	Description
snmpTargetParamsName (1.3.6.1.6.3.12.1.3.1.1)	not-accessible	Current	The length of snmpTargetParamsName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetParamsMPModel (1.3.6.1.6.3.12.1.3.1.2)	read-create	Current	As per MIB
snmpTargetParamsSecurityModel (1.3.6.1.6.3.12.1.3.1.3)	read-create	Current	As per MIB
snmpTargetParamsSecurityName (1.3.6.1.6.3.12.1.3.1.4)	read-create	Current	As per MIB
snmpTargetParamsSecurityLevel (1.3.6.1.6.3.12.1.3.1.5)	read-create	Current	As per MIB
snmpTargetParamsStorageType (1.3.6.1.6.3.12.1.3.1.6)	read-create	Current	The conceptual row can be created, modified and deleted. It can be modified to other values, but only 'nonVolatile' is valid.

snmpTargetParamsRowStatus (1.3.6.1.6.3.12.1.3.1.7)	read-create	Current	As per MIB
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(1)The following is an example:

\*\*\*\*\* SNMP QUERY STARTED \*\*\*\*\*

1: snmpTargetSpinLock.0 (integer) 13736

2: [Loaded: SNMPv2-TM]  
snmpTargetAddrTDomain.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (object identifier) snmpUDPDomain

3:  
snmpTargetAddrTAddress.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) A9.FE.4C.4C.00.A2 (hex)

4:  
snmpTargetAddrTimeout.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1500

5:  
snmpTargetAddrRetryCount.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 3

6:  
snmpTargetAddrTagList.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) TrapHost [54.72.61.70.48.6F.73.74 (hex)]

7:  
snmpTargetAddrParams.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) traphost.gl.169.254.76.76 [74.72.61.70.68.6F.73.74.2E.67.6C.2E.31.36.39.2E.32.35.34.2E.37.36.2E.37.36 (hex)]

8:  
snmpTargetAddrStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)

9:  
snmpTargetAddrRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

10:  
snmpTargetParamsMPModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 0

11:  
snmpTargetParamsSecurityModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1

12:  
snmpTargetParamsSecurityName.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (octet string) gl [67.6C (hex)]

13:  
snmpTargetParamsSecurityLevel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) noAuthNoPriv(1)

14:  
snmpTargetParamsStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)



15:  
 snmpTargetParamsRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

16: snmpUnavailableContexts.0 (counter) 0

17: snmpUnknownContexts.0 (counter) 0

\*\*\*\*\* SNMP QUERY FINISHED \*\*\*\*\*

Above is a retrieve for SNMP TARGET entry.

Here the index of this entry is 116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54, which is the hex code of string "traphost.gl.169.254.76.76"

The first part, 116.114.97.112.104.111.115.116.46, is hex code of "traphost." string.

The second part, 103.108.46, is ascii code of "gl.".

The last part, 46.49.54.57.46.50.53.52.46.55.54.46.55.54, is hex code of "169.254.76.76".

(2)The following is an example for supporting VPN:

\*\*\*\*\* SNMP QUERY STARTED \*\*\*\*\*

1: snmpTargetSpinLock.0 (integer) 26470

2:  
 snmpTargetAddrTDomain.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (object identifier) snmpUDPDomain

3:  
 snmpTargetAddrTAddress.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (octet string) 01.01.01.01.00.A2 (hex)

4:  
 snmpTargetAddrTimeout.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (integer) 1500

5:  
 snmpTargetAddrRetryCount.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (integer) 3

6:  
 snmpTargetAddrTagList.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (octet string) TrapHost [54.72.61.70.48.6F.73.74 (hex)]

7:  
 snmpTargetAddrParams.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (octet string) traphost.public.1.1.1.1.vpn [74.72.61.70.68.6F.73.74.2E.70.75.62.6C.69.63.2E.31.2E.31.2E.31.2E.31.2E.76.70.6E (hex)]

8:  
 snmpTargetAddrStorageType.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (integer) nonVolatile(3)

9:  
 snmpTargetAddrRowStatus.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (integer) active(1)

10:  
 snmpTargetParamsMPModel.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.49.46.118.112.110 (integer) 0

11:  
 snmpTargetParamsSecurityModel.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110 (integer) 1

12:  
 snmpTargetParamsSecurityName.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110 (octet string) public [70.75.62.6C.69.63 (hex)]

13:  
 snmpTargetParamsSecurityLevel.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110 (integer) noAuthNoPriv(1)

14:  
 snmpTargetParamsStorageType.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110 (integer) nonVolatile(3)

15:  
 snmpTargetParamsRowStatus.116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110 (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 116.114.97.112.104.111.115.116.46.112.117.98.108.105.99.46.49.46.49.46.49.46.118.112.110, which is the hex code of string "traphost.public.1.1.1.1.vpn "

The first part, 116.114.97.112.104.111.115.116.46, is hex code of "traphost." string.

The second part, 112.117.98.108.105.99.46, is ascii code of "public.".

The third part, 49.46.49.46.49.46.49.46. is hex code of "1.1.1.1."

The last part, 118.112.110, is ascii code of "vpn".

# SNMP-USER-BASED-SM-MIB

## usmStats group

OID of this table is :1.3.6.1.6.3.15.1.1

Name	Access	PDS	Description
usmStatsUnsupportedSecLevels (1.3.6.1.6.3.15.1.1.1)	read-only	No	As per MIB
usmStatsNotInTimeWindows (1.3.6.1.6.3.15.1.1.2)	read-only	No	As per MIB
usmStatsUnknownUserNames (1.3.6.1.6.3.15.1.1.3)	read-only	No	As per MIB
usmStatsUnknownEngineIDs (1.3.6.1.6.3.15.1.1.4)	read-only	No	As per MIB
usmStatsWrongDigests (1.3.6.1.6.3.15.1.1.5)	read-only	No	As per MIB
usmStatsDecryptionErrors (1.3.6.1.6.3.15.1.1.6)	read-only	No	As per MIB

# Scalar objects of usmUser Group

OID of this table is :1.3.6.1.6.3.15.1.2

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

## usmUserTable of usmUser Group

OID of this table is :1.3.6.1.6.3.15.1.2.2

Name	Access	PDS	Description
usmUserEngineID (1.3.6.1.6.3.15.1.2.2.1.1)	not-accessible	Current	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	The length of value is range from 0 to 32
usmUserStorageType (1.3.6.1.6.3.15.1.2.2.1.12)	read-create	Current	Only support nonVolatile(3)
usmUserStatus (1.3.6.1.6.3.15.1.2.2.1.13)	read-create	No	As per MIB

# SNMP-VIEW-BASED-ACM-MIB

## vacmContextTable

OID of this table is :1.3.6.1.6.3.16.1.1

This object has only one instance of “-”

Name	Access	PDS	Description
vacmContextName (1.3.6.1.6.3.16.1.1.1)	read-only	No	The value is always “-”, other value is not supported

## vacmSecurityToGroupTable

OID of this table is :1.3.6.1.6.3.16.1.2

Name	Access	PDS	Description
vacmSecurityModel (1.3.6.1.6.3.16.1.2.1.1)	not-accessible	Current	As per MIB
vacmSecurityName (1.3.6.1.6.3.16.1.2.1.2)	not-accessible	Current	The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’)
vacmGroupName (1.3.6.1.6.3.16.1.2.1.3)	read-create	Current	The length of value is range from 1 to 32 The ASCII value of the characters of this object should be from 33 to 126 except 63(‘?’)
vacmSecurityToGroupStorageType (1.3.6.1.6.3.16.1.2.1.4)	read-create	Current	Only support nonVolatile(3)
vacmSecurityToGroupStatus (1.3.6.1.6.3.16.1.2.1.5)	read-create	No	As per MIB

## vacmAccessTable

OID of this table is :1.3.6.1.6.3.16.1.4

Name	Access	PDS	Description
vacmAccessContextPrefix (1.3.6.1.6.3.16.1.4.1.1)	not-accessible	Current	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	Current	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	Current	Only support nonVolatile(3)
vacmAccessStatus (1.3.6.1.6.3.16.1.4.1.9)	read-create	No	As per MIB

## Scalar objects of vacmMIBViews group

OID of this table is :1.3.6.1.6.3.16.1.5

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

## vacmViewTreeFamilyTable

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	Current	Only support nonVolatile(3)
vacmViewTreeFamilyStatus (1.3.6.1.6.3.16.1.5.2.1.6)	read-create	No	As per MIB

## BRIDGE-MIB

## Scalar objects of dot1dBase group

OID of this table is :1.3.6.1.2.1.17.1

Name	Access	PDS	Description
dot1dBaseBridgeAddress (1.3.6.1.2.1.17.1.1)	read-only	No	As per MIB
dot1dBaseNumPorts (1.3.6.1.2.1.17.1.2)	read-only	No	As per MIB
dot1dBaseType (1.3.6.1.2.1.17.1.3)	read-only	No	As per MIB

# dot1dBasePortTable

OID of this table is :1.3.6.1.2.1.17.1.4

Name	Access	PDS	Description
dot1dBasePort (1.3.6.1.2.1.17.1.4.1.1)	read-only	No	As per MIB
dot1dBasePortIfIndex (1.3.6.1.2.1.17.1.4.1.2)	read-only	No	As per MIB
dot1dBasePortCircuit (1.3.6.1.2.1.17.1.4.1.3)	read-only	No	As per MIB
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

# 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 (1.3.6.1.2.1.17.2.5)	read-only	No	As per MIB
dot1dStpRootCost (1.3.6.1.2.1.17.2.6)	read-only	No	As per MIB
dot1dStpRootPort (1.3.6.1.2.1.17.2.7)	read-only	No	As per MIB
dot1dStpMaxAge (1.3.6.1.2.1.17.2.8)	read-only	No	As per MIB
dot1dStpHelloTime (1.3.6.1.2.1.17.2.9)	read-only	No	As per MIB
dot1dStpHoldTime (1.3.6.1.2.1.17.2.10)	read-only	No	As per MIB
dot1dStpForwardDelay (1.3.6.1.2.1.17.2.11)	read-only	No	As per MIB
dot1dStpBridgeMaxAge (1.3.6.1.2.1.17.2.12)	read-write	Current	As per MIB
dot1dStpBridgeHelloTime (1.3.6.1.2.1.17.2.13)	read-write	Current	As per MIB
dot1dStpBridgeForwardDelay (1.3.6.1.2.1.17.2.14)	read-write	Current	As per MIB

# dot1dStpPortTable

OID of this table is :1.3.6.1.2.1.17.2.15

Name	Access	PDS	Description
dot1dStpPort (1.3.6.1.2.1.17.2.15.1.1)	read-only	No	As per MIB
dot1dStpPortPriority (1.3.6.1.2.1.17.2.15.1.2)	read-write	Current	This object can not be set on the ONU port.
dot1dStpPortState (1.3.6.1.2.1.17.2.15.1.3)	read-only	No	As per MIB
dot1dStpPortEnable (1.3.6.1.2.1.17.2.15.1.4)	read-write	Current	As per MIB
dot1dStpPortPathCost (1.3.6.1.2.1.17.2.15.1.5)	read-write	Current	The node only correctly support IEEE802.1D-1990 path cost standard whose range is 1 to 65535. If path cost of the port in other path cost standard is larger than 65535, the value of the node is 65535.
dot1dStpPortDesignatedRoot (1.3.6.1.2.1.17.2.15.1.6)	read-only	No	As per MIB
dot1dStpPortDesignatedCost (1.3.6.1.2.1.17.2.15.1.7)	read-only	No	As per MIB
dot1dStpPortDesignatedBridge (1.3.6.1.2.1.17.2.15.1.8)	read-only	No	As per MIB
dot1dStpPortDesignatedPort (1.3.6.1.2.1.17.2.15.1.9)	read-only	No	As per MIB
dot1dStpPortForwardTransition (1.3.6.1.2.1.17.2.15.1.10)	read-only	No	As per MIB

## Scalar objects of dot1dTp group

OID of this table is :1.3.6.1.2.1.17.4

Name	Access	PDS	Description
dot1dTpAgingTime (1.3.6.1.2.1.17.4.2)	read-write	No	As per MIB The value of this object may be different from chips.

## dot1dTpFdbTable

OID of this table is :1.3.6.1.2.1.17.4.3

Name	Access	PDS	Description
dot1dTpFdbAddress (1.3.6.1.2.1.17.4.4.3.1)	read-only	No	As per MIB
dot1dTpFdbPort (1.3.6.1.2.1.17.4.4.3.2)	read-only	No	As per MIB
dot1dTpFdbStatus (1.3.6.1.2.1.17.4.4.3.3)	read-only	No	Not supported

## dot1dTpPortTable

OID of this table is :1.3.6.1.2.1.17.4.4

Name	Access	PDS	Description
dot1dTpPort (1.3.6.1.2.1.17.4.4.1.1)	read-only	No	As per MIB

dot1dTpPortMaxInfo (1.3.6.1.2.1.17.4.4.1.2)	read-only	No	As per MIB
dot1dTpPortInFrames (1.3.6.1.2.1.17.4.4.1.3)	read-only	No	Not supported
dot1dTpPortOutFrames (1.3.6.1.2.1.17.4.4.1.4)	read-only	No	Not supported
dot1dTpPortInDiscards (1.3.6.1.2.1.17.4.4.1.5)	read-only	No	Not supported

# POWER-ETHERNET-MIB

This MIB is used to manage and describe PoE module

## Scalar Objects

There is no scalar objects.

## pethPsePortTable

OID of this table is :1.3.6.1.2.1.105.1.1

Name	Access	PDS	Description
pethPsePortGroupIndex (1.3.6.1.2.1.105.1.1.1.1)	not-accessible	No	As per MIB
pethPsePortIndex (1.3.6.1.2.1.105.1.1.1.2)	not-accessible	No	As per MIB
pethPsePortAdminEnable (1.3.6.1.2.1.105.1.1.1.3)	read-write	Current	As per MIB
pethPsePortPowerPairsControlAbility (1.3.6.1.2.1.105.1.1.1.4)	read-only	No	As per MIB
pethPsePortPowerPairs (1.3.6.1.2.1.105.1.1.1.5)	read-write	Current	As per MIB
pethPsePortDetectionStatus (1.3.6.1.2.1.105.1.1.1.6)	read-only	No	As per MIB
pethPsePortPowerPriority (1.3.6.1.2.1.105.1.1.1.7)	read-write	Current	As per MIB
pethPsePortMPSAbsentCounter (1.3.6.1.2.1.105.1.1.1.8)	read-only	No	As per MIB
pethPsePortType (1.3.6.1.2.1.105.1.1.1.9)	read-write	Current	As per MIB
pethPsePortPowerClassifications (1.3.6.1.2.1.105.1.1.1.10)	read-only	No	As per MIB
pethPsePortInvalidSignatureCounter (1.3.6.1.2.1.105.1.1.1.11)	read-only	No	As per MIB
pethPsePortPowerDeniedCounter (1.3.6.1.2.1.105.1.1.1.12)	read-only	No	As per MIB
pethPsePortOverLoadCounter (1.3.6.1.2.1.105.1.1.1.13)	read-only	No	As per MIB
pethPsePortShortCounter (1.3.6.1.2.1.105.1.1.1.14)	read-only	No	As per MIB

## pethMainPseTable

OID of this table is :1.3.6.1.2.1.105.1.3.1



Name	Access	PDS	Description
pethMainPseGroupIndex (1.3.6.1.2.1.105.1.3.1.1.1)	not-accessible	No	As per MIB
pethMainPsePower (1.3.6.1.2.1.105.1.3.1.1.2)	read-only	No	As per MIB
pethMainPseOperStatus (1.3.6.1.2.1.105.1.3.1.1.3)	read-only	No	As per MIB
pethMainPseConsumptionPower (1.3.6.1.2.1.105.1.3.1.1.4)	read-only	No	As per MIB
pethMainPseUsageThreshold (1.3.6.1.2.1.105.1.3.1.1.5)	read-write	Current	As per MIB

## pethNotificationControlTable

OID of this table is :1.3.6.1.2.1.105.1.4.1

Name	Access	PDS	Description
pethNotificationControlGroupIndex (1.3.6.1.2.1.105.1.4.1.1.1)	not-accessible	No	As per MIB
pethNotificationControlEnable (1.3.6.1.2.1.105.1.4.1.1.2)	read-write	No	As per MIB

## P-BRIDGE-MIB

### Scalar objects of dot1dExtBase group

OID of this table is :1.3.6.1.2.1.17.6.1.1

Name	Access	PDS	Description
dot1dDeviceCapabilities (1.3.6.1.2.1.17.6.1.1.1)	read-only	No	As per MIB
dot1dTraficClassesEnabled (1.3.6.1.2.1.17.6.1.1.2)	read-only	No	Only support read operation
dot1dGmrpStatus (1.3.6.1.2.1.17.6.1.1.3)	read-write	No	Not supported

## dot1dPortCapabilitiesTable

OID of this table is :1.3.6.1.2.1.17.6.1.1.4

Name	Access	PDS	Description
dot1dPortCapabilities (1.3.6.1.2.1.17.6.1.1.4.1.1)	read-only	No	As per MIB

## dot1dPortPriorityTable

OID of this table is :1.3.6.1.2.1.17.6.1.2.1

Name	Access	PDS	Description
dot1dPortDefaultUserPriority	read-write	No	As per MIB

(1.3.6.1.2.1.17.6.1.2.1.1.1)			
dot1dPortNumTrafficClasses (1.3.6.1.2.1.17.6.1.2.1.1.2)	read-only	No	As per MIB

## 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	As per MIB
dot1dPortGarpLeaveTime (1.3.6.1.2.1.17.6.1.3.1.1.2)	read-write	Current	As per MIB
dot1dPortGarpLeaveAllTime (1.3.6.1.2.1.17.6.1.3.1.1.3)	read-only	Current	As per MIB

## Q-BRIDGE-MIB

### 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	Current	The default value is disabled.

### 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	No	As per MIB
dot1qTpFdbPort (1.3.6.1.2.1.17.7.1.2.2.1.2)	read-only	No	As per MIB
dot1qTpFdbStatus (1.3.6.1.2.1.17.7.1.2.2.1.3)	read-only	No	As per MIB

### dot1qTpGroupTable

OID of this table is :1.3.6.1.2.1.17.7.1.2.3

Name	Access	PDS	Description
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dot1qTpGroupAddress (1.3.6.1.2.1.17.7.1.2.3.1.1)	not-accessible	No	As per MIB
dot1qTpGroupEgressPorts (1.3.6.1.2.1.17.7.1.2.3.1.2)	read-only	No	As per MIB
dot1qTpGroupLearnt (1.3.6.1.2.1.17.7.1.2.3.1.3)	read-only	No	As per MIB

## Scalar objects of dot1qVlan group

OID of this table is :1.3.6.1.2.1.17.7.1.4

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

## 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 vian can not be destroyed.

## dot1qPortVlanTable

OID of this table is :1.3.6.1.2.1.17.7.1.4.5

Name	Access	PDS	Description
dot1qPvid (1.3.6.1.2.1.17.7.1.4.5.1.1)	read-write	Current	this node not support set operation when the port type is access
dot1qPortAcceptableFrameTypes (1.3.6.1.2.1.17.7.1.4.5.1.2)	read-only	Current	As per MIB
dot1qPortIngressFiltering (1.3.6.1.2.1.17.7.1.4.5.1.3)	read-only	Current	As per MIB
dot1qPortGvrpStatus (1.3.6.1.2.1.17.7.1.4.5.1.4)	read-write	Current	dot1qGvrpStatus should be set before setting dot1qPortGvrpStatus, and the port type should be trunk. The BPDU tunnel function must not be

			enabled if supported when setting dot1qPortGvrpStatus.
dot1qPortGvrpFailedRegistrations (1.3.6.1.2.1.17.7.1.4.5.1.5)	read-only	No	As per MIB
dot1qPortGvrpLastPduOrigin (1.3.6.1.2.1.17.7.1.4.5.1.6)	read-only	No	As per MIB

# RMON-MIB

## etherStatsTable

OID of this table is :1.3.6.1.2.1.16.1.1

No row exists in this table by default. The Max number of RMON Entries in this table is 100. If the interface that the etherStatsEntry is monitoring is removed, the value of the objects of this entry can't be modified. The objects include etherStatsDataSource, etherStatsOwner and etherStatsStatus. If a set operation tries to change the value of these objects, an 'inconsistentValue' error will be returned.

Name	Access	PDS	Description
etherStatsIndex (1.3.6.1.2.1.16.1.1.1)	read-only	Current	As per MIB
etherStatsDataSource (1.3.6.1.2.1.16.1.1.2)	read-create	Current	As per MIB
etherStatsDropEvents (1.3.6.1.2.1.16.1.1.3)	read-only	No	As per MIB
etherStatsOctets (1.3.6.1.2.1.16.1.1.4)	read-only	No	As per MIB
etherStatsPkts (1.3.6.1.2.1.16.1.1.5)	read-only	No	As per MIB
etherStatsBroadcastPkts (1.3.6.1.2.1.16.1.1.6)	read-only	No	As per MIB
etherStatsMulticastPkts (1.3.6.1.2.1.16.1.1.7)	read-only	No	As per MIB
etherStatsCRCAlignErrors (1.3.6.1.2.1.16.1.1.8)	read-only	No	As per MIB
etherStatsUndersizePkts (1.3.6.1.2.1.16.1.1.9)	read-only	No	As per MIB
etherStatsOversizePkts (1.3.6.1.2.1.16.1.1.10)	read-only	No	As per MIB
etherStatsFragments (1.3.6.1.2.1.16.1.1.11)	read-only	No	As per MIB
etherStatsJabbers (1.3.6.1.2.1.16.1.1.12)	read-only	No	As per MIB
etherStatsCollisions (1.3.6.1.2.1.16.1.1.13)	read-only	No	As per MIB
etherStatsPkts64Octets (1.3.6.1.2.1.16.1.1.14)	read-only	No	As per MIB
etherStatsPkts65to127Octets (1.3.6.1.2.1.16.1.1.15)	read-only	No	As per MIB
etherStatsPkts128to255Octets (1.3.6.1.2.1.16.1.1.16)	read-only	No	As per MIB
etherStatsPkts256to511Octets (1.3.6.1.2.1.16.1.1.17)	read-only	No	As per MIB
etherStatsPkts512to1023Octets (1.3.6.1.2.1.16.1.1.18)	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	As per MIB
etherStatsStatus (1.3.6.1.2.1.16.1.1.1.21)	read-create	Current	As per MIB

## historyControlTable

OID of this table is :1.3.6.1.2.1.16.2.1

No row exists in this table by default. The Max number of RMON Entries in this table is 100. If the interface that the historyControlEntry is monitoring is removed, the value of the objects of this entry can't be modified. The objects include historyControlDataSource, historyControlOwner and historyControlStatus. If a set operation tries to change the value of these objects, an 'inconsistentValue' error will be returned.

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 10 buckets at maximum currently, If a value more than 10 is set, the system will return success, but the historyControlBucketGranted will be assigned to 10 as for implementation.
historyControlBucketsGranted (1.3.6.1.2.1.16.2.1.1.4)	read-only	No	As per MIB
historyControlInterval (1.3.6.1.2.1.16.2.1.1.5)	read-create	Current	Range from 5 to 3600
historyControlOwner (1.3.6.1.2.1.16.2.1.1.6)	read-create	Current	As per MIB
historyControlStatus (1.3.6.1.2.1.16.2.1.1.7)	read-create	Current	As per MIB

## etherHistoryTable

OID of this table is :1.3.6.1.2.1.16.2.2

Name	Access	PDS	Description
etherHistoryIndex (1.3.6.1.2.1.16.2.2.1.1)	read-only	No	As per MIB
etherHistorySampleIndex (1.3.6.1.2.1.16.2.2.1.2)	read-only	No	As per MIB
etherHistoryIntervalStart (1.3.6.1.2.1.16.2.2.1.3)	read-only	No	As per MIB
etherHistoryDropEvents (1.3.6.1.2.1.16.2.2.1.4)	read-only	No	As per MIB
etherHistoryOctets (1.3.6.1.2.1.16.2.2.1.5)	read-only	No	As per MIB
etherHistoryPkts (1.3.6.1.2.1.16.2.2.1.6)	read-only	No	As per MIB

etherHistoryBroadcastPkts (1.3.6.1.2.1.16.2.2.1.7)	read-only	No	As per MIB
etherHistoryMulticastPkts (1.3.6.1.2.1.16.2.2.1.8)	read-only	No	As per MIB
etherHistoryCRCAlignErrors (1.3.6.1.2.1.16.2.2.1.9)	read-only	No	As per MIB
etherHistoryUndersizePkts (1.3.6.1.2.1.16.2.2.1.10)	read-only	No	As per MIB
etherHistoryOversizePkts (1.3.6.1.2.1.16.2.2.1.11)	read-only	No	As per MIB
etherHistoryFragments (1.3.6.1.2.1.16.2.2.1.12)	read-only	No	As per MIB
etherHistoryJabbers (1.3.6.1.2.1.16.2.2.1.13)	read-only	No	As per MIB
etherHistoryCollisions (1.3.6.1.2.1.16.2.2.1.14)	read-only	No	As per MIB
etherHistoryUtilization (1.3.6.1.2.1.16.2.2.1.15)	read-only	No	As per MIB

## alarmTable

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	The range is from 5 to 65535
alarmVariable (1.3.6.1.2.1.16.3.1.1.3)	read-create	Current	As per MIB
alarmSampleType (1.3.6.1.2.1.16.3.1.1.4)	read-create	Current	As per MIB
alarmValue (1.3.6.1.2.1.16.3.1.1.5)	read-only	No	When the value of this object is out of the range of alarmValue, the value of alarmValue will be a negative
alarmStartupAlarm (1.3.6.1.2.1.16.3.1.1.6)	read-create	No	As per MIB
alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7)	read-create	Current	As per MIB
alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8)	read-create	Current	As per MIB
alarmRisingEventIndex (1.3.6.1.2.1.16.3.1.1.9)	read-create	Current	As per MIB
alarmFallingEventIndex (1.3.6.1.2.1.16.3.1.1.10)	read-create	Current	As per MIB
alarmOwner (1.3.6.1.2.1.16.3.1.1.11)	read-create	Current	As per MIB
alarmStatus (1.3.6.1.2.1.16.3.1.1.12)	read-create	Current	alarmStatus can be set to valid when the row is created. When setting alarmStatus valid, the return value of success means that the setting operation is accepted by agent successfully. But it doesn't guarantee that the alarmStatus will change to valid. Only the entry of alarmTable meets the requirement of validation, alarmStatus will be valid after setting it.

# eventTable

OID of this table is :1.3.6.1.2.1.16.9.1

Name	Access	PDS	Description
eventIndex (1.3.6.1.2.1.16.9.1.1.1)	read-only	Current	As per MIB
eventDescription (1.3.6.1.2.1.16.9.1.1.2)	read-create	Current	As per MIB
eventType (1.3.6.1.2.1.16.9.1.1.3)	read-create	Current	As per MIB
eventCommunity (1.3.6.1.2.1.16.9.1.1.4)	read-create	Current	Not supported. When eventType is none(1) or log(2), the value of eventCommunity will not be saved; when eventType is snmptrap(3) or logandtrap(4), the value of eventCommunity will be saved but can 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	As per MIB
eventStatus (1.3.6.1.2.1.16.9.1.1.7)	read-create	Current	eventStatus can be set to valid when the row is created

# 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

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## Scalar Objects

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

## dot1agCfmMdTable

OID of this table is :1.3.111.2.802.1.1.8.1.5.2

Name	Access	PDS	Description
dot1agCfmMdIndex (1.3.111.2.802.1.1.8.1.5.2.1.1)	not-accessible	Current	Only support eight different values
dot1agCfmMdFormat	read-create	Current	Only support charString(4)

(1.3.111.2.802.1.1.8.1.5.2.1.2)			
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).
dot1agCfmMdMhfldPermission (1.3.111.2.802.1.1.8.1.5.2.1.6)	read-create	Yes	The value is always sendIdNone(1)
dot1agCfmMdMaNextIndex (1.3.111.2.802.1.1.8.1.5.2.1.7)	read-only	Current	As per MIB
dot1agCfmMdRowStatus (1.3.111.2.802.1.1.8.1.5.2.1.8)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

## dot1agCfmMaNetTable

OID of this table is :1.3.111.2.802.1.1.8.1.6.1

Name	Access	PDS	Description
dot1agCfmMaIndex (1.3.111.2.802.1.1.8.1.6.1.1.1)	not-accessible	Current	As per MIB
dot1agCfmMaNetFormat (1.3.111.2.802.1.1.8.1.6.1.1.2)	read-create	Yes	The value is always charString (2)
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	Only support interval1s(4), interval10s(5), interval1min(6) and interval10min (7).
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)

## dot1agCfmMaCompTable

OID of this table is :1.3.111.2.802.1.1.8.1.6.2

Name	Access	PDS	Description
dot1agCfmMaComponentId (1.3.111.2.802.1.1.8.1.6.2.1.1)	not-accessible		The value is always 1
dot1agCfmMaCompPrimaryVlanId (1.3.111.2.802.1.1.8.1.6.2.1.2)	read-create		Can not be modified after creation
dot1agCfmMaCompMhfCreation (1.3.111.2.802.1.1.8.1.6.2.1.3)	read-create		As per MIB



	e		
dot1agCfmMaCompIdPermission (1.3.111.2.802.1.1.8.1.6.2.1.4)	read-create		Only support sendIdNone (1) and sendIdDefer (5)
dot1agCfmMaCompNumberOfVids (1.3.111.2.802.1.1.8.1.6.2.1.5)	read-only		The value is always 1.
dot1agCfmMaCompRowStatus (1.3.111.2.802.1.1.8.1.6.2.1.6)	read-create		Only support active(1), createAndGo(4) and destroy(6)

## dot1agCfmMaMepListTable

OID of this table is :1.3.111.2.802.1.1.8.1.6.3

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

## dot1agCfmMepTable

OID of this table is :1.3.111.2.802.1.1.8.1.7.1

Name	Access	PDS	Description
dot1agCfmMepIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.1)	not-accessible	Current	Can not be modified after creation
dot1agCfmMepIfIndex (1.3.111.2.802.1.1.8.1.7.1.1.2)	read-create	Current	As per MIB
dot1agCfmMepDirection (1.3.111.2.802.1.1.8.1.7.1.1.3)	read-create	Current	Can not be modified after creation
dot1agCfmMepPrimaryVid	read-create	Yes	The value is always 0.

(1.3.111.2.802.1.1.8.1.7.1.1.4)			
dot1agCfmMepActive (1.3.111.2.802.1.1.8.1.7.1.1.5)	read-create	Current	As per MIB
dot1agCfmMepFngState (1.3.111.2.802.1.1.8.1.7.1.1.6)	read-only	No	As per MIB
dot1agCfmMepCciEnabled (1.3.111.2.802.1.1.8.1.7.1.1.7)	read-create	Current	As per MIB
dot1agCfmMepCcmLtmPriority (1.3.111.2.802.1.1.8.1.7.1.1.8)	read-create	No	Not supported
dot1agCfmMepMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.9)	read-only	No	Not supported
dot1agCfmMepLowPrDef (1.3.111.2.802.1.1.8.1.7.1.1.10)	read-create	No	Not supported
dot1agCfmMepFngAlarmTime (1.3.111.2.802.1.1.8.1.7.1.1.11)	read-create	No	Not supported
dot1agCfmMepFngResetTime (1.3.111.2.802.1.1.8.1.7.1.1.12)	read-create	No	Not supported
dot1agCfmMepHighestPrDefect (1.3.111.2.802.1.1.8.1.7.1.1.13)	read-only	No	Only support defRemoteCCM(3), defErrorCCM(4), defXconCCM (5)
dot1agCfmMepDefects (1.3.111.2.802.1.1.8.1.7.1.1.14)	read-only	No	Not supported
dot1agCfmMepErrorCcmLastFailu re (1.3.111.2.802.1.1.8.1.7.1.1.15)	read-only	No	Not supported
dot1agCfmMepXconCcmLastFailu re (1.3.111.2.802.1.1.8.1.7.1.1.16)	read-only	No	Not supported
dot1agCfmMepCcmSequenceErro rs (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
dot1agCfmMepLtmNextSeqNumb er (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
dot1agCfmMepTransmitLbmStatu s (1.3.111.2.802.1.1.8.1.7.1.1.26)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDest MacAddress (1.3.111.2.802.1.1.8.1.7.1.1.27)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDest MepId (1.3.111.2.802.1.1.8.1.7.1.1.28)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDestI sMepId (1.3.111.2.802.1.1.8.1.7.1.1.29)	read-create	No	Not supported
dot1agCfmMepTransmitLbmMess ages (1.3.111.2.802.1.1.8.1.7.1.1.30)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDataT lv (1.3.111.2.802.1.1.8.1.7.1.1.31)	read-create	No	Not supported
dot1agCfmMepTransmitLbmVlanP	read-create	No	Not supported

riority (1.3.111.2.802.1.1.8.1.7.1.1.32)			
dot1agCfmMepTransmitLbmVlanD ropEnable (1.3.111.2.802.1.1.8.1.7.1.1.33)	read-create	No	Not supported
dot1agCfmMepTransmitLbmResul tOK (1.3.111.2.802.1.1.8.1.7.1.1.34)	read-only	No	Not supported
dot1agCfmMepTransmitLbmSeqN umber (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
dot1agCfmMepTransmitLtmTarget MacAddress (1.3.111.2.802.1.1.8.1.7.1.1.38)	read-create	No	Not supported
dot1agCfmMepTransmitLtmTarget MepId (1.3.111.2.802.1.1.8.1.7.1.1.39)	read-create	No	Not supported
dot1agCfmMepTransmitLtmTarget IsMepId (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
dot1agCfmMepTransmitLtmSeqNu mber (1.3.111.2.802.1.1.8.1.7.1.1.43)	read-only	No	Not supported
dot1agCfmMepTransmitLtmEgres sIdentifier (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

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### 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

### 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 (1.0.8802.1.1.1.1.2.1.3)	read-only	No	As per MIB
dot1xPaePortInitialize (1.0.8802.1.1.1.1.2.1.4)	read-write	No	Only support read operation
dot1xPaePortReauthenticate (1.0.8802.1.1.1.1.2.1.5)	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.

## dot1xAuthConfigTable

OID of this table is :1.0.8802.1.1.1.2.1

Name	Access	PDS	Description
dot1xAuthPaeState (1.0.8802.1.1.1.2.1.1.1)	read-only	No	Not supported. The value is always initialize (1).
dot1xAuthBackendAuthState (1.0.8802.1.1.1.2.1.1.2)	read-only	No	Not supported. The value is always request(1)
dot1xAuthAdminControlledDirections (1.0.8802.1.1.1.2.1.1.3)	read-write	Current	Only support read operation
dot1xAuthOperControlledDirections (1.0.8802.1.1.1.2.1.1.4)	read-only	Current	As per MIB
dot1xAuthAuthControlledPortStatus (1.0.8802.1.1.1.2.1.1.5)	read-only	No	Only valid on portbased method.
dot1xAuthAuthControlledPortControl (1.0.8802.1.1.1.2.1.1.6)	read-write	Current	As per MIB
dot1xAuthQuietPeriod (1.0.8802.1.1.1.2.1.1.7)	read-write	No	Only support read operation The value is always 0
dot1xAuthTxPeriod (1.0.8802.1.1.1.2.1.1.8)	read-write	No	Only support read operation The value is always 0.
dot1xAuthSuppTimeout (1.0.8802.1.1.1.2.1.1.9)	read-write	No	Only support read operation The value is always 0.
dot1xAuthServerTimeout (1.0.8802.1.1.1.2.1.1.10)	read-write	No	Only support read operation The value is always 0.
dot1xAuthMaxReq (1.0.8802.1.1.1.2.1.1.11)	read-write	No	Only support read operation The value is always 0.
dot1xAuthReAuthPeriod (1.0.8802.1.1.1.2.1.1.12)	read-write	Current	The value range is [60-7200]
dot1xAuthReAuthEnabled (1.0.8802.1.1.1.2.1.1.13)	read-write	Current	As per MIB
dot1xAuthKeyTxEnabled (1.0.8802.1.1.1.2.1.1.14)	read-write	No	Only support read operation

## dot1xAuthStatsTable

OID of this table is :1.0.8802.1.1.1.2.2

Name	Access	PDS	Description
dot1xAuthEapolFramesRx (1.0.8802.1.1.1.2.2.1.1)	read-only	No	As per MIB.
dot1xAuthEapolFramesTx (1.0.8802.1.1.1.2.2.1.2)	read-only	No	As per MIB.
dot1xAuthEapolStartFramesRx (1.0.8802.1.1.1.2.2.1.3)	read-only	No	As per MIB.

dot1xAuthEapolLogoffFramesRx (1.0.8802.1.1.1.1.2.2.1.4)	read-only	No	As per MIB.
dot1xAuthEapolRespldFramesRx (1.0.8802.1.1.1.1.2.2.1.5)	read-only	No	As per MIB.
dot1xAuthEapolRespFramesRx (1.0.8802.1.1.1.1.2.2.1.6)	read-only	No	As per MIB.
dot1xAuthEapolReqldFramesTx (1.0.8802.1.1.1.1.2.2.1.7)	read-only	No	As per MIB.
dot1xAuthEapolReqFramesTx (1.0.8802.1.1.1.1.2.2.1.8)	read-only	No	As per MIB.
dot1xAuthInvalidEapolFramesRx (1.0.8802.1.1.1.1.2.2.1.9)	read-only	No	As per MIB.
dot1xAuthEapLengthErrorFramesRx (1.0.8802.1.1.1.1.2.2.1.10)	read-only	No	The value is always 0.
dot1xAuthLastEapolFrameVersion (1.0.8802.1.1.1.1.2.2.1.11)	read-only	No	As per MIB.
dot1xAuthLastEapolFrameSource (1.0.8802.1.1.1.1.2.2.1.12)	read-only	No	The value is always 00:00:00:00:00:00

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## dot3adAggTable

OID of this table is :1.2.840.10006.300.43.1.1.1

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

## dot3adAggPortListTable

OID of this table is :1.2.840.10006.300.43.1.1.2

Name	Access	PDS	Description
dot3adAggPortListPorts	read-only	No	As per MIB

(1.2.840.10006.300.43.1.1.2.1.1)			
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## 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 45 or 47 (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 38 hex if the port is a member of dynamic link aggregation group, otherwise 00 hex.
dot3adAggPortPartnerOperState (1.2.840.10006.300.43.1.2.1.1.23)	read-only	No	As per MIB
dot3adAggPortAggregateOrIndividual (1.2.840.10006.300.43.1.2.1.1.24)	read-only	No	As per MIB

## dot3adAggPortStatsTable

OID of this table is :1.2.840.10006.300.43.1.2.2

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

## dot3adAggPortDebugTable

OID of this table is :1.2.840.10006.300.43.1.2.3

Name	Access	PDS	Description
dot3adAggPortDebugRxState (1.2.840.10006.300.43.1.2.3.1.1)	read-only	No	As per MIB
dot3adAggPortDebugLastRxTime (1.2.840.10006.300.43.1.2.3.1.2)	read-only	No	As per MIB
dot3adAggPortDebugMuxState (1.2.840.10006.300.43.1.2.3.1.3)	read-only	No	As per MIB
dot3adAggPortDebugMuxReason (1.2.840.10006.300.43.1.2.3.1.4)	read-only	No	As per MIB
dot3adAggPortDebugActorChurnState (1.2.840.10006.300.43.1.2.3.1.5)	read-only	No	As per MIB
dot3adAggPortDebugPartnerChurnState (1.2.840.10006.300.43.1.2.3.1.6)	read-only	No	As per MIB
dot3adAggPortDebugActorChurnCount (1.2.840.10006.300.43.1.2.3.1.7)	read-only	No	As per MIB

dot3adAggPortDebugPartnerChurnCount (1.2.840.10006.300.43.1.2.3.1.8)	read-only	No	As per MIB
dot3adAggPortDebugActorSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.9)	read-only	No	Not support.
dot3adAggPortDebugPartnerSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.10)	read-only	No	Not support.
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

# IP-FORWARD-MIB

## ipCidrRouteTable

OID of this table is :1.3.6.1.2.1.4.24.4

Name	Access	PDS	Description
ipCidrRouteDest (1.3.6.1.2.1.4.24.4.1.1)	read-only	No	As per MIB
ipCidrRouteMask (1.3.6.1.2.1.4.24.4.1.2)	read-only	No	As per MIB
ipCidrRouteTos (1.3.6.1.2.1.4.24.4.1.3)	read-only	No	As per MIB
ipCidrRouteNextHop (1.3.6.1.2.1.4.24.4.1.4)	read-only	No	As per MIB
ipCidrRouteIfIndex (1.3.6.1.2.1.4.24.4.1.5)	read-create	No	Only support read operation
ipCidrRouteType (1.3.6.1.2.1.4.24.4.1.6)	read-create	No	There are only three types: reject, remote and local, Only support read operation
ipCidrRouteProto (1.3.6.1.2.1.4.24.4.1.7)	read-only	No	Support local, rip, ospf, is-is, bgp, other (means not specified).
ipCidrRouteAge (1.3.6.1.2.1.4.24.4.1.8)	read-only	No	Only support read operation
ipCidrRouteInfo (1.3.6.1.2.1.4.24.4.1.9)	read-create	No	The value is always NULL. Only support read operation
ipCidrRouteNextHopAS (1.3.6.1.2.1.4.24.4.1.10)	read-create	No	The value is always 0, Only support read operation
ipCidrRouteMetric1 (1.3.6.1.2.1.4.24.4.1.11)	read-create	No	Interior metric of this route, Only support read operation
ipCidrRouteMetric2 (1.3.6.1.2.1.4.24.4.1.12)	read-create	No	The value is always -1, Only support read operation
ipCidrRouteMetric3 (1.3.6.1.2.1.4.24.4.1.13)	read-create	No	The value is always -1, Only support read operation
ipCidrRouteMetric4 (1.3.6.1.2.1.4.24.4.1.14)	read-create	No	The value is always -1, Only support read operation
ipCidrRouteMetric5 (1.3.6.1.2.1.4.24.4.1.15)	read-create	No	The value is always -1, Only support read operation
ipCidrRouteStatus (1.3.6.1.2.1.4.24.4.1.16)	read-create	No	Only support read operation



# 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

# 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

## IPV6-TCP-MIB

### ipv6TcpConnTable

OID of this table is :1.3.6.1.2.1.6.16

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

## IPV6-UDP-MIB

### ipv6UdpTable

OID of this table is :1.3.6.1.2.1.7.6

Name	Access	PDS	Description
ipv6UdpLocalAddress (1.3.6.1.2.1.7.6.1.1)	Not-accessible	No	As per MIB
ipv6UdpLocalPort (1.3.6.1.2.1.7.6.1.2)	not-accessible	No	As per MIB
ipv6UdpIfIndex (1.3.6.1.2.1.7.6.1.3)	read-only	No	As per MIB

# IPV6-ICMP-MIB

## 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	As per MIB
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
ipv6IflcmpInGroupMembQueries (1.3.6.1.2.1.56.1.1.1.15)	read-only	No	As per MIB
ipv6IflcmpInGroupMembResponse s (1.3.6.1.2.1.56.1.1.1.16)	read-only	No	As per MIB
ipv6IflcmpInGroupMembReduction s (1.3.6.1.2.1.56.1.1.1.17)	read-only	No	As per MIB
ipv6IflcmpOutMsgs (1.3.6.1.2.1.56.1.1.1.18)	read-only	No	As per MIB
ipv6IflcmpOutErrors (1.3.6.1.2.1.56.1.1.1.19)	read-only	No	As per MIB
ipv6IflcmpOutDestUnreachs (1.3.6.1.2.1.56.1.1.1.20)	read-only	No	As per MIB
ipv6IflcmpOutAdminProhibs (1.3.6.1.2.1.56.1.1.1.21)	read-only	No	As per MIB
ipv6IflcmpOutTimeExcds (1.3.6.1.2.1.56.1.1.1.22)	read-only	No	As per MIB
ipv6IflcmpOutParmProblems (1.3.6.1.2.1.56.1.1.1.23)	read-only	No	As per MIB
ipv6IflcmpOutPktTooBigs (1.3.6.1.2.1.56.1.1.1.24)	read-only	No	As per MIB
ipv6IflcmpOutEchos (1.3.6.1.2.1.56.1.1.1.25)	read-only	No	As per MIB
ipv6IflcmpOutEchoReplies	read-only	No	As per MIB

(1.3.6.1.2.1.56.1.1.1.26)			
ipv6IfIcmpOutRouterSolicits (1.3.6.1.2.1.56.1.1.1.27)	read-only	No	As per MIB
ipv6IfIcmpOutRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.28)	read-only	No	As per MIB
ipv6IfIcmpOutNeighborSolicits (1.3.6.1.2.1.56.1.1.1.29)	read-only	No	As per MIB
ipv6IfIcmpOutNeighborAdvertisements (1.3.6.1.2.1.56.1.1.1.30)	read-only	No	As per MIB
ipv6IfIcmpOutRedirects (1.3.6.1.2.1.56.1.1.1.31)	read-only	No	As per MIB
ipv6IfIcmpOutGroupMembQueries (1.3.6.1.2.1.56.1.1.1.32)	read-only	No	As per MIB
ipv6IfIcmpOutGroupMembResponses (1.3.6.1.2.1.56.1.1.1.33)	read-only	No	As per MIB
ipv6IfIcmpOutGroupMembReductions (1.3.6.1.2.1.56.1.1.1.34)	read-only	No	As per MIB

# IPV6-MIB

## Scalar objects

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	Not supported
ipv6IfTableLastChange (1.3.6.1.2.1.55.1.4)	read-only	Current	Not supported

## ipv6IfTable

OID of this table is :1.3.6.1.2.1.55.1.5

Name	Access	PDS	Description
ipv6IfIndex (1.3.6.1.2.1.55.1.5.1.1)	not-accessible	No	As per MIB
ipv6IfDescr (1.3.6.1.2.1.55.1.5.1.2)	read-write	No	The string is no more than 80 characters. This variable is the same as ifAlias in ifXTable.
ipv6IfLowerLayer (1.3.6.1.2.1.55.1.5.1.3)	read-only	No	Not supported
ipv6IfEffectiveMtu (1.3.6.1.2.1.55.1.5.1.4)	read-only	No	Not supported
ipv6IfReasmMaxSize (1.3.6.1.2.1.55.1.5.1.5)	read-only	No	Not supported
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	read-only	No	As per MIB

(1.3.6.1.2.1.55.1.5.1.10)			
ipv6IfLastChange (1.3.6.1.2.1.55.1.5.1.11)	read-only	Current	As per MIB

## ipv6IfStatsTable

OID of this table is :1.3.6.1.2.1.55.1.6

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

## ipv6AddrPrefixTable

OID of this table is :1.3.6.1.2.1.55.1.7

Name	Access	PDS	Description
ipv6AddrPrefix (1.3.6.1.2.1.55.1.7.1.1)	not-accessible	Current	As per MIB

ipv6AddrPrefixLength (1.3.6.1.2.1.55.1.7.1.2)	not-accessible	Current	As per MIB
ipv6AddrPrefixOnLinkFlag (1.3.6.1.2.1.55.1.7.1.3)	read-only	No	As per MIB
ipv6AddrPrefixAutonomousFlag (1.3.6.1.2.1.55.1.7.1.4)	read-only	No	As per MIB
ipv6AddrPrefixAdvPreferredLifetime (1.3.6.1.2.1.55.1.7.1.5)	read-only	No	As per MIB
ipv6AddrPrefixAdvValidLifetime (1.3.6.1.2.1.55.1.7.1.6)	read-only	No	As per MIB

## ipv6AddrTable

OID of this table is :1.3.6.1.2.1.55.1.8

Name	Access	PDS	Description
ipv6AddrAddress (1.3.6.1.2.1.55.1.8.1.1)	not-accessible	Current	As per MIB
ipv6AddrPfxLength (1.3.6.1.2.1.55.1.8.1.2)	read-only	Current	As per MIB
ipv6AddrType (1.3.6.1.2.1.55.1.8.1.3)	read-only	Current	As per MIB
ipv6AddrAnycastFlag (1.3.6.1.2.1.55.1.8.1.4)	read-only	No	As per MIB
ipv6AddrStatus (1.3.6.1.2.1.55.1.8.1.5)	read-only	No	As per MIB

## route scalar objects

Name	Access	PDS	Description
ipv6RouteNumber (1.3.6.1.2.1.55.1.9)	read-only	Current	As per MIB
ipv6DiscardedRoutes (1.3.6.1.2.1.55.1.10)	read-only	Current	As per MIB

## ipv6RouteTable

OID of this table is :1.3.6.1.2.1.55.1.11

Name	Access	PDS	Description
ipv6RouteDest (1.3.6.1.2.1.55.1.11.1.1)	not-accessible	No	As per MIB
ipv6RoutePfxLength (1.3.6.1.2.1.55.1.11.1.2)	not-accessible	No	As per MIB
ipv6RouteIndex (1.3.6.1.2.1.55.1.11.1.3)	not-accessible	No	As per MIB

ipv6RouteIfIndex (1.3.6.1.2.1.55.1.11.1.4)	read-only	No	As per MIB
ipv6RouteNextHop (1.3.6.1.2.1.55.1.11.1.5)	read-only	No	As per MIB
ipv6RouteType (1.3.6.1.2.1.55.1.11.1.6)	read-only	Current	As per MIB
ipv6RouteProtocol (1.3.6.1.2.1.55.1.11.1.7)	read-only	Current	As per MIB
ipv6RoutePolicy (1.3.6.1.2.1.55.1.11.1.8)	read-only	Current	As per MIB
ipv6RouteAge (1.3.6.1.2.1.55.1.11.1.9)	read-only	Current	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	Current	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-only	No	As per MIB

## 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	Current	As per MIB
ipv6NetToMediaPhysAddress (1.3.6.1.2.1.55.1.12.1.2)	read-only	Current	As per MIB
ipv6NetToMediaType (1.3.6.1.2.1.55.1.12.1.3)	read-only	Current	As per MIB
ipv6IfNetToMediaState (1.3.6.1.2.1.55.1.12.1.4)	read-only	Current	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	Current	Only support read operation

## LLDP-EXT-DOT1-MIB

Notes:

The following section defines the Management Information Base (MIB) for link layer discovery protocol in the Internet community. In particular, it describes a set of managed objects that allow managing discovery operations, which are used on LAN switch products. The definitions of managed objects in the following section are formed into a specification for link layer discovery used for switches.

The Link Layer Discovery Protocol (LLDP) allows stations attached to an IEEE 802 LAN to advertise, to other stations attached to the same IEEE 802 LAN, the major capabilities provided by the system incorporating that station, the management address or addresses of the entity or entities that provide management of those capabilities, and the identification of the station's point of attachment to the IEEE 802 LAN required by those management entity or entities.

The information distributed via this protocol is stored by its recipients in a standard Management Information Base (MIB), making it possible for the information to be accessed by a Network Management System (NMS) using a management protocol such as the Simple Network Management Protocol (SNMP).

In this section, several set operations about enable IEEE802.1 organizational specific TLVs transmission on given port are presented. For this purpose, the value of associated objects should be set to:

IldpXdot1ConfigPortVlanTxEnable. 20 = 'TRUE', Allowed Port VLAN ID TLV transmission on given port.

IldpXdot1ConfigVlanNameTxEnable. 20 = 'FALSE', Allowed VLAN Name TLV transmission on given port.

IldpXdot1ConfigProtoVlanTxEnable. 20 = 'FALSE', Allowed Port and Protocol VLAN TLV transmission on given port.

## IldpXdot1ConfigPortVlanTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.1.1

Name	Access	PDS	Description
IldpXdot1ConfigPortVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.1.1)	read-write	Current	Default value(TRUE)

## IldpXdot1ConfigVlanNameTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.1.2

Name	Access	PDS	Description
IldpXdot1ConfigVlanNameTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.2.1.1)	read-write	Current	Default value (FALSE).If port is down and the vlanid of the port is changed,the value will not be changed,it will be changed only when the roll switch is on

## IldpXdot1ConfigProtoVlanTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.1.3

Name	Access	PDS	Description
IldpXdot1ConfigProtoVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.3.1.1)	read-write	Current	Default value (FALSE). If port is down and the vlanid of the port is changed,the value will not be changed,it will be changed only when the roll switch is on



# 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

# IldpXdot1LocTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.2.1

Name	Access	PDS	Description
IldpXdot1LocPortVlanId (1.0.8802.1.1.2.1.5.32962.1.2.1.1)	read-only	Current	As per MIB

# IldpXdot1LocProtoVlanTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.2.2

Name	Access	PDS	Description
IldpXdot1LocProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.2.2.1.1)	not-accessible	Current	As per MIB
IldpXdot1LocProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.2.2.1.2)	read-only	Yes	As per MIB
IldpXdot1LocProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.2.2.1.3)	read-only	Current	As per MIB

# IldpXdot1LocVlanNameTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.2.3

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

# IldpXdot1LocProtocolTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.2.4

Name	Access	PDS	Description
IldpXdot1LocProtocolIndex	not-accessible	No	Not supported. The value is 1

(1.0.8802.1.1.2.1.5.32962.1.2.4.1.1)			
IldpXdot1LocProtocolId (1.0.8802.1.1.2.1.5.32962.1.2.4.1.2)	read-only	Yes	Not supported. The value is protocol

## 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)	read-only	No	As per MIB

## 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

## IldpXdot1RemVlanNameTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.3.3

Name	Access	PDS	Description
IldpXdot1RemVlanId (1.0.8802.1.1.2.1.5.32962.1.3.3.1.1)	not-accessible	No	As per MIB
IldpXdot1RemVlanName (1.0.8802.1.1.2.1.5.32962.1.3.3.1.2)	read-only	No	As per MIB

## IldpXdot1RemProtocolTable

OID of this table is :1.0.8802.1.1.2.1.5.32962.1.3.4

Name	Access	PDS	Description
IldpXdot1RemProtocolIndex (1.0.8802.1.1.2.1.5.32962.1.3.4.1.1)	not-accessible	No	As per MIB
IldpXdot1RemProtocolId (1.0.8802.1.1.2.1.5.32962.1.3.4.1.2)	read-only	No	As per MIB

# LLDP-EXT-DOT3-MIB

## Notes:

The managed objects defined in this document are belonging to the LLDP-EXT-DOT3-MIB module for IEEE 802.3 organizationally defined discovery information. These managed objects can be used for dynamically configuring the LLDP, advertise the IEEE 802.3 organizationally defined discovery information of the local system ports, store the IEEE 802.3 organizationally defined discovery information of the remote system ports.

All the IEEE 802.3 organizationally defined discovery information will be transmitted on every port as default configuration, so when LLDP is global enabled on a switch, the following value will be set:

lldpXdot3PortConfigTLVsTxEnable.20 = 'f' H

The network management can configure to transmit some of that information and let the others not to be transmitted.

For example, if the network management only want to transmit Link Aggregation TLV and Maximum Frame Size TLV in the LLDPDU on a given port, the following value will be set:

lldpXdot3PortConfigTLVsTxEnable.20 = 'c' H

## lldpXdot3PortConfigTable

OID of this table is :1.0.8802.1.1.2.1.5.4623.1.1.1

Name	Access	PDS	Description
lldpXdot3PortConfigTLVsTxEnable (1.0.8802.1.1.2.1.5.4623.1.1.1.1)	read-write	Current	Every bit will be set to '1' as default, which means all IEEE 802.3 organizationally defined TLVs will be transmitted on the given port.

## lldpXdot3LocPortTable

OID of this table is :1.0.8802.1.1.2.1.5.4623.1.2.1

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

# IldpXdot3LocPowerTable

OID of this table is :1.0.8802.1.1.2.1.5.4623.1.2.2

Name	Access	PDS	Description
IldpXdot3LocPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.1)	read-only	Yes	As per MIB
IldpXdot3LocPowerMDISupported (1.0.8802.1.1.2.1.5.4623.1.2.2.1.2)	read-only	Yes	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	Yes	As per MIB
IldpXdot3LocPowerPairs (1.0.8802.1.1.2.1.5.4623.1.2.2.1.5)	read-only	Yes	As per MIB
IldpXdot3LocPowerClass (1.0.8802.1.1.2.1.5.4623.1.2.2.1.6)	read-only	Yes	As per MIB

# 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

# 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

# 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

# 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

# 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

# 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

## LLDP-MIB

Notes:

This document defines the LLDP basic MIB for use with SNMP in TCP/IP based internets. The LLDP MIB consists of two types of MIB modules, the mandatory basic MIB defined in this clause and from zero to n optional organizationally specific MIB extensions such as LLDP-EXT-DOT1-MIB, LLDP-EXT-DOT3-MIB. Each MIB module is divided into two major sections to allow selective MIB support for the particular operating mode (transmit only, receive only, or both transmit and receive) being implemented. The basic MIB in this document describes LLDP configuration, statistics, local system data and remote systems data components.

All the basic discovery information will be transmitted on every port as default configuration. So when LLDP is global enabled on a switch , the following value will be set:

IldpPortConfigTLVsTxEnable = ' f ' H

The network management can configure to transmit some of that information and let the others not to be transmitted.

For example, if the network management only want to transmit System Name TLV in the LLDPDU on a given port, the following value will be set:

IldpPortConfigTLVsTxEnable.20 = '2' H

## Scalar Objects

Name	Access	PDS	Description
IldpMessageTxInterval (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-write	Current	The following rule is not in effect: $1 \leq \text{IldpTxDelay} \leq (0.25 * \text{IldpMessageTxInterval})$ .
IldpNotificationInterval (1.0.8802.1.1.2.1.1.5)	read-write	Current	As per MIB
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	Yes	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	Yes	As per MIB
IldpLocSysCapEnabled (1.0.8802.1.1.2.1.3.6)	read-only	Current	As per MIB

## 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	Yes	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' as default, which means all LLDP basic operational TLVs will be transmitted on the given port.
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## 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' as default, which means all ports are specified for advertising indicated management address instance.

## 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	Yes	As per MIB
IldpStatsTxPortFramesTotal (1.0.8802.1.1.2.1.2.6.1.2)	read-only	No	As per MIB

## 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	Yes	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

## 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	Yes	As per MIB
IldpLocPortIdSubtype (1.0.8802.1.1.2.1.3.7.1.2)	read-only	Yes	As per MIB
IldpLocPortId (1.0.8802.1.1.2.1.3.7.1.3)	read-only	Yes	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

## 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	Yes	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	Yes	As per MIB
IldpLocManAddrIfSubtype (1.0.8802.1.1.2.1.3.8.1.4)	read-only	Yes	The subtype is IfIndex. When the interface associated with the management address does not exist, this object will be unknown(1).
IldpLocManAddrIfId (1.0.8802.1.1.2.1.3.8.1.5)	read-only	Yes	IfIndex of the vlan 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	Yes	Not supported

## 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 is created or updated. Network management can look up the history of remote system information by 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 (1.0.8802.1.1.2.1.4.1.1.6)	read-only	No	As per MIB
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

## 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

## 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

## 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

# HH3C-DHCPS-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cDHCPSServiceStatus (1.3.6.1.4.1.25506.8.2.1.12)	read-write	Current	The default value is disable(0).
hh3cDHCPSDetectingServerStatus (1.3.6.1.4.1.25506.8.2.1.13)	read-write	Current	As per MIB
hh3cDHCPSPingNum (1.3.6.1.4.1.25506.8.2.1.14)	read-write	Current	The default value is 1.
hh3cDHCPSPingTimeout (1.3.6.1.4.1.25506.8.2.1.15)	read-write	Current	As per MIB
hh3cDHCPSPWriteDataStatus (1.3.6.1.4.1.25506.8.2.1.16)	read-write	Current	Not supported. The value is always disabled(0)
hh3cDHCPSPWriteDataDirection (1.3.6.1.4.1.25506.8.2.1.17)	read-only	No	Not supported
hh3cDHCPSPWriteDataDelay (1.3.6.1.4.1.25506.8.2.1.18)	read-write	Current	Not supported. The value is always 300
hh3cDHCPSPWriteDataRecover (1.3.6.1.4.1.25506.8.2.1.19)	read-write	Current	Not supported. The value is always disabled(0)
hh3cDHCPSPInUseResetIP (1.3.6.1.4.1.25506.8.2.1.20)	read-write	Current	As per MIB
hh3cDHCPSPConflictIPResetIP (1.3.6.1.4.1.25506.8.2.1.21)	read-write	Current	As per MIB
hh3cDHCPSPResetFlag (1.3.6.1.4.1.25506.8.2.1.22)	read-write	Current	As per MIB
hh3cDHCPSPGlobalPoolNumber (1.3.6.1.4.1.25506.8.2.1.23)	read-only	Current	As per MIB
hh3cDHCPSPGlobalPoolAutoBindingNum (1.3.6.1.4.1.25506.8.2.1.24)	read-only	No	As per MIB
hh3cDHCPSPGlobalPoolManualBindingNum (1.3.6.1.4.1.25506.8.2.1.25)	read-only	Current	As per MIB
hh3cDHCPSPGlobalPoolExpiredBindingNum (1.3.6.1.4.1.25506.8.2.1.26)	read-only	No	As per MIB
hh3cDHCPSPInterfacePoolNumber (1.3.6.1.4.1.25506.8.2.1.27)	read-only	Current	Not supported
hh3cDHCPSPInterfacePoolAutoBindingNum (1.3.6.1.4.1.25506.8.2.1.28)	read-only	No	Not supported
hh3cDHCPSPInterfacePoolManualBindingNum (1.3.6.1.4.1.25506.8.2.1.29)	read-only	Current	Not supported
hh3cDHCPSPInterfacePoolExpiredBindingNum (1.3.6.1.4.1.25506.8.2.1.30)	read-only	No	Not supported
hh3cDHCPSPBadPktNum (1.3.6.1.4.1.25506.8.2.1.31)	read-only	No	As per MIB
hh3cDHCPSPBootRequestPktNum (1.3.6.1.4.1.25506.8.2.1.32)	read-only	No	As per MIB
hh3cDHCPSPDiscoverPktNum (1.3.6.1.4.1.25506.8.2.1.33)	read-only	No	As per MIB
hh3cDHCPSPRequestPktNum (1.3.6.1.4.1.25506.8.2.1.34)	read-only	No	As per MIB
hh3cDHCPSPDeclinePktNum (1.3.6.1.4.1.25506.8.2.1.35)	read-only	No	As per MIB

hh3cDHCPsReleasePktNum (1.3.6.1.4.1.25506.8.2.1.36)	read-only	No	As per MIB
hh3cDHCPsInformPktNum (1.3.6.1.4.1.25506.8.2.1.37)	read-only	No	As per MIB
hh3cDHCPsBootReplyPktNum (1.3.6.1.4.1.25506.8.2.1.38)	read-only	No	As per MIB
hh3cDHCPsOfferPktNum (1.3.6.1.4.1.25506.8.2.1.39)	read-only	No	As per MIB
hh3cDHCPsAckPktNum (1.3.6.1.4.1.25506.8.2.1.40)	read-only	No	As per MIB
hh3cDHCPsNakPktNum (1.3.6.1.4.1.25506.8.2.1.41)	read-only	No	As per MIB
hh3cDHCPsStatisticsReset (1.3.6.1.4.1.25506.8.2.1.42)	read-write	Current	As per MIB

## hh3cDHCPsGlobalPoolTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.1

Name	Access	PDS	Description
hh3cDHCPsGlobalPoolName (1.3.6.1.4.1.25506.8.2.1.1.1.1)	read-only	Current	Range from 1 to 35
hh3cDHCPsGlobalPoolRowStatus (1.3.6.1.4.1.25506.8.2.1.1.1.2)	read-create	Current	As per MIB

## hh3cDHCPsGlobalPoolConfigTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.2

The hh3cDHCPsGlobalPoolHostIPAddr and hh3cDHCPsGlobalPoolHostMask can not be set With hh3cDHCPsGlobalPoolHostHAddr and hh3cDHCPsGlobalPoolNetwork simultaneously.

Name	Access	PDS	Description
hh3cDHCPsGlobalPoolType (1.3.6.1.4.1.25506.8.2.1.2.1.1)	read-write	Current	As per MIB
hh3cDHCPsGlobalPoolNetwork (1.3.6.1.4.1.25506.8.2.1.2.1.2)	read-write	Current	The default value is 0.0.0.0
hh3cDHCPsGlobalPoolNetworkMask (1.3.6.1.4.1.25506.8.2.1.2.1.3)	read-write	Current	The default value is 0.0.0.0
hh3cDHCPsGlobalPoolHostIPAddr (1.3.6.1.4.1.25506.8.2.1.2.1.4)	read-write	Current	The default value is 0.0.0.0
hh3cDHCPsGlobalPoolHostMask (1.3.6.1.4.1.25506.8.2.1.2.1.5)	read-write	Current	The default value is 0.0.0.0
hh3cDHCPsGlobalPoolHostHAddr (1.3.6.1.4.1.25506.8.2.1.2.1.6)	read-write	Current	The default value is 0-0-0
hh3cDHCPsGlobalPoolConfigUndoFlag (1.3.6.1.4.1.25506.8.2.1.2.1.7)	read-write	Current	As per MIB

## hh3cDHCPsGlobalPoolParaTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.3

Name	Access	PDS	Description
hh3cDHCPsGlobalPoolLeaseDay	read-write	Current	As per MIB

(1.3.6.1.4.1.25506.8.2.1.3.1.1)			
hh3cDHCPSGlobalPoolLeaseHour (1.3.6.1.4.1.25506.8.2.1.3.1.2)	read-write	Current	As per MIB
hh3cDHCPSGlobalPoolLeaseMinute (1.3.6.1.4.1.25506.8.2.1.3.1.3)	read-write	Current	As per MIB
hh3cDHCPSGlobalPoolLeaseUnlimited (1.3.6.1.4.1.25506.8.2.1.3.1.4)	read-write	Current	The default value is invalid(0). The value cannot set to 0.
hh3cDHCPSGlobalPoolDomainName (1.3.6.1.4.1.25506.8.2.1.3.1.5)	read-write	Current	Range from 1 to 50
hh3cDHCPSGlobalPoolClientGatewayIPString (1.3.6.1.4.1.25506.8.2.1.3.1.6)	read-write	Current	The value must be IPv4 address
hh3cDHCPSGlobalPoolClientGatewayIPUndo (1.3.6.1.4.1.25506.8.2.1.3.1.7)	read-write	Current	The value is always 0.0.0.0
hh3cDHCPSGlobalPoolClientDNSIPString (1.3.6.1.4.1.25506.8.2.1.3.1.8)	read-write	Current	The value must be IPv4 address
hh3cDHCPSGlobalPoolClientDNSIPUndo (1.3.6.1.4.1.25506.8.2.1.3.1.9)	read-write	Current	The value is always 0.0.0.0
hh3cDHCPSGlobalPoolClientNetbiosType (1.3.6.1.4.1.25506.8.2.1.3.1.10)	read-write	Current	The default value is null(0).
hh3cDHCPSGlobalPoolClientNbnsIPString (1.3.6.1.4.1.25506.8.2.1.3.1.11)	read-write	Current	The value must be IPv4 address
hh3cDHCPSGlobalPoolClientNbnsIPUndo (1.3.6.1.4.1.25506.8.2.1.3.1.12)	read-write	Current	The value is always 0.0.0.0
hh3cDHCPSGlobalPoolParaUndoFlag (1.3.6.1.4.1.25506.8.2.1.3.1.13)	read-write	Current	The default value is undoDomain(1).
hh3cDHCPSGlobalPoolIPInUseReset (1.3.6.1.4.1.25506.8.2.1.3.1.14)	read-write	Current	The default value is reset(1).

## hh3cDHCPSGlobalPoolOptionTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.4

Name	Access	PDS	Description
hh3cDHCPSGlobalPoolOptionCode (1.3.6.1.4.1.25506.8.2.1.4.1.1)	read-only	Current	As per MIB
hh3cDHCPSGlobalPoolOptionType (1.3.6.1.4.1.25506.8.2.1.4.1.2)	read-create	Current	Can not be modified after creation.
hh3cDHCPSGlobalPoolOptionAscii (1.3.6.1.4.1.25506.8.2.1.4.1.3)	read-create	Current	Can not be modified after creation.
hh3cDHCPSGlobalPoolOptionHexString (1.3.6.1.4.1.25506.8.2.1.4.1.4)	read-create	Current	Can not be modified after creation.
hh3cDHCPSGlobalPoolOptionIPString (1.3.6.1.4.1.25506.8.2.1.4.1.5)	read-create	Current	Can not be modified after creation. The value must be IPv4 address.
hh3cDHCPSGlobalPoolOptionRowStatus (1.3.6.1.4.1.25506.8.2.1.4.1.6)	read-create	Current	As per MIB

# hh3cDHCPSGlobalTreeTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.5

Name	Access	PDS	Description
hh3cDHCPSGlobalTreeParentNodeName (1.3.6.1.4.1.25506.8.2.1.5.1.1)	read-only	Current	As per MIB
hh3cDHCPSGlobalTreeChildNodeName (1.3.6.1.4.1.25506.8.2.1.5.1.2)	read-only	Current	As per MIB
hh3cDHCPSGlobalTreePreSiblingNodeName (1.3.6.1.4.1.25506.8.2.1.5.1.3)	read-only	Current	As per MIB
hh3cDHCPSGlobalTreeSiblingNodeName (1.3.6.1.4.1.25506.8.2.1.5.1.4)	read-only	Current	As per MIB

# hh3cDHCPSTForbiddenIPTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.10

Name	Access	PDS	Description
hh3cDHCPSTForbiddenIPStart (1.3.6.1.4.1.25506.8.2.1.10.1.1)	read-only	Current	As per MIB
hh3cDHCPSTForbiddenIPEnd (1.3.6.1.4.1.25506.8.2.1.10.1.2)	read-only	Current	As per MIB
hh3cDHCPSTForbiddenIPRowStatus (1.3.6.1.4.1.25506.8.2.1.10.1.3)	read-create	Current	As per MIB

# hh3cDHCPSTConflictIPTable

OID of this table is :1.3.6.1.4.1.25506.8.2.1.11

Name	Access	PDS	Description
hh3cDHCPSTConflictIP (1.3.6.1.4.1.25506.8.2.1.11.1.1)	read-only	No	As per MIB
hh3cDHCPSTConflictIPType (1.3.6.1.4.1.25506.8.2.1.11.1.2)	read-only	No	As per MIB
hh3cDHCPSTConflictIPDetectTime (1.3.6.1.4.1.25506.8.2.1.11.1.3)	read-only	No	As per MIB

# HH3C-LSW-DEV-ADM-MIB

## hh3cLswSystemPara group

OID of this table is :1.3.6.1.4.1.25506.8.35.18.1

Name	Access	PDS	Description
hh3cLswSysIpAddr (1.3.6.1.4.1.25506.8.35.18.1.1)	read-only	No	As per MIB
hh3cLswSysIpMask	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.35.18.1.2)			
hh3cLswSysCpuRatio (1.3.6.1.4.1.25506.8.35.18.1.3)	read-only	No	Not supported
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	Only support read operation
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
hh3cLswSysPhyMemory (1.3.6.1.4.1.25506.8.35.18.1.13)	read-only	No	Not supported
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

## hh3cLswFrameTable

OID of this table is :1.3.6.1.4.1.25506.8.35.18.4.2

Name	Access	PDS	Description
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	read-only	No	As per MIB
hh3cLswFrameType (1.3.6.1.4.1.25506.8.35.18.4.2.1.2)	read-only	No	As per MIB
hh3cLswFrameDesc (1.3.6.1.4.1.25506.8.35.18.4.2.1.3)	read-write	No	As per MIB
hh3cLswSlotNumber (1.3.6.1.4.1.25506.8.35.18.4.2.1.4)	read-only	No	As per MIB
hh3cLswFrameAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.2.1.5)	read-only	No	As per MIB

## hh3cLswSlotTable

OID of this table is :1.3.6.1.4.1.25506.8.35.18.4.3

Name	Access	PDS	Description
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	read-only	No	As per MIB
hh3cLswSlotType (1.3.6.1.4.1.25506.8.35.18.4.3.1.2)	read-only	No	As per MIB
hh3cLswSlotDesc (1.3.6.1.4.1.25506.8.35.18.4.3.1.3)	read-write	No	As per MIB
hh3cLswSlotCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.4)	read-only	No	Not supported.
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	only support read operation

## 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	As per MIB

## 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

## HH3C-LAG-MIB

### Scalar objects of hh3cLAGMibObjects group

OID of this table is :1.3.6.1.4.1.25506.8.25.1

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

# hh3cAggLinkTable

OID of this table is :1.3.6.1.4.1.25506.8.25.1.1

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

# hh3cAggPortTable

OID of this table is :1.3.6.1.4.1.25506.8.25.1.2

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

## HH3C-LswDEV-MIB

### Scalar objects of hh3cLswdevMMibObject group

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



# hh3cdevMFanStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.1

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

# hh3cdevMPowerStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.2

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

# hh3cdevMSlotEnvironmentTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.3

Name	Access	PDS	Description
hh3cdevMSlotEnvironmentType (1.3.6.1.4.1.25506.8.35.9.1.3.1.1)	not-accessible	No	As per MIB
hh3cdevMSlotEnvironmentStatus (1.3.6.1.4.1.25506.8.35.9.1.3.1.2)	read-only	No	As per MIB
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	As per MIB
hh3cdevMSlotEnvironmentLowerLimit (1.3.6.1.4.1.25506.8.35.9.1.3.1.5)	read-write	No	As per MIB

# HH3C-LswINF-MIB

## hh3cifXXTable

OID of this table is :1.3.6.1.4.1.25506.8.35.1.1

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.
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	Not supported, The value is always false.
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
hh3cifComboActivePort (1.3.6.1.4.1.25506.8.35.1.1.1.22)	read-write	No	This object is obsoleted. Always return useless value.

## 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

## hh3cifComboPortTable

OID of this table is :1.3.6.1.4.1.25506.8.35.1.4

Name	Access	PDS	Description
hh3cifComboPortIndex (1.3.6.1.4.1.25506.8.35.1.4.1.1)	read-only	Yes	As per MIB
hh3cifComboPortCurActive (1.3.6.1.4.1.25506.8.35.1.4.1.2)	read-write	Current	Only the value fiber and copper can be written.

# Scalar objects of hh3cLswL2InfMibObject

OID of this table is :1.3.6.1.4.1.25506.8.35.5.1

Name	Access	PDS	Description
hh3cSlotPortMax (1.3.6.1.4.1.25506.8.35.5.1.1)	read-only	No	As per MIB
hh3cSwitchPortMax (1.3.6.1.4.1.25506.8.35.5.1.2)	read-only	No	As per MIB
hh3cMaxMacLearnRange (1.3.6.1.4.1.25506.8.35.5.1.12)	read-only	Current	The value is 4K.

## hh3cifVLANTrunkStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.5.1.3

Name	Access	PDS	Description
hh3cifVLANTrunkIndex (1.3.6.1.4.1.25506.8.35.5.1.3.1.1)	read-only	No	As per MIB
hh3cifVLANTrunkGvrpRegistration (1.3.6.1.4.1.25506.8.35.5.1.3.1.2)	read-write	Current	As per MIB
hh3cifVLANTrunkPassListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.4)	read-only	No	As per MIB
hh3cifVLANTrunkPassListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.5)	read-only	No	As per MIB
hh3cifVLANTrunkAllowListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.6)	read-write	Current	The value of this object must be appointed with hh3cifVLANTrunkAllowListHigh at the same time when SET operation.
hh3cifVLANTrunkAllowListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.7)	read-write	Current	The value of this object must be appointed with hh3cifVLANTrunkAllowListLow at the same time when SET operation.

## hh3cethernetTable

OID of this table is :1.3.6.1.4.1.25506.8.35.5.1.4

Name	Access	PDS	Description
hh3cifEthernetDuplex (1.3.6.1.4.1.25506.8.35.5.1.4.1.3)	read-write	Current	Only full and auto can be wrote to GigabitEthernet interface with fiber-optic connector. Write is not supported by Ten-GigabitEthernet interface.
hh3cifEthernetMTU (1.3.6.1.4.1.25506.8.35.5.1.4.1.4)	read-write	Current	Only interface that works at bridge mode and support setting jumbo frame from command line support write operation. The supported value range As per MIB
hh3cifEthernetSpeed (1.3.6.1.4.1.25506.8.35.5.1.4.1.5)	read-write	Current	s1000 and s10000 can not be write to Ethernet interface. s10000 can not be write to GigabitEthernet interface with

			twisted-pair connector. Only s1000 and auto can be writed to GigabitEthernet interface with fiber-optic connector. Write is not supported by Ten-GigabitEthernet interface.
hh3cifEthernetMdi (1.3.6.1.4.1.25506.8.35.5.1.4.1.7)	read-write	Current	Wirte is not supported by Ten-GigabitEthernet 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. A bridge-aggregation port does not support the set value operation.
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
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	The default value is no(2)
hh3cifEthernetAutoSpeedMask (1.3.6.1.4.1.25506.8.35.5.1.4.1.19)	read-only	Current	As per MIB
hh3cifEthernetAutoSpeed (1.3.6.1.4.1.25506.8.35.5.1.4.1.20)	read-write	Current	As per MIB

## hh3cPortIsolateGroupTable

OID of this table is :1.3.6.1.4.1.25506.8.35.5.1.11

Name	Access	PDS	Description
hh3cPortIsolateGroupIndex (1.3.6.1.4.1.25506.8.35.5.1.11.1.1)	not-accessible	Current	As per MIB
hh3cPortIsolateUplinkIfIndex (1.3.6.1.4.1.25506.8.35.5.1.11.1.2)	read-create	Current	In read operation, if the value of this object is 65535, it indicates that no uplink interface is set. In write operation, if the value of this object is not less than 65535, it indicates the cancellation of the uplink interface.
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

# HH3C-LswMAM-MIB

## hh3cdot1qTpFdbSetTable

OID of this table is :1.3.6.1.4.1.25506.8.35.3.2

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

Name	Access	PDS	Description
hh3cdot1qTpFdbSetAddress (1.3.6.1.4.1.25506.8.35.3.2.1.1)	not-accessible	No	As per MIB
hh3cdot1qTpFdbSetPort (1.3.6.1.4.1.25506.8.35.3.2.1.2)	read-write	No	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	No	As per MIB
hh3cdot1qTpFdbSetOperate (1.3.6.1.4.1.25506.8.35.3.2.1.4)	read-write	No	Only support set operation

# HH3C-LswMix-MIB

## 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	As per MIB

## hh3cLswXSlotTable

OID of this table is :1.3.6.1.4.1.25506.8.35.17.5

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

# HH3C-RMON-EXT-MIB

## hh3cprialarmTable

OID of this table is :1.3.6.1.4.1.25506.8.4.4.1

Name	Access	PDS	Description
hh3cprialarmIndex (1.3.6.1.4.1.25506.8.4.4.1.1.1)	read-only	Current	As per MIB
hh3cprialarmInterval (1.3.6.1.4.1.25506.8.4.4.1.1.2)	read-write	Current	This object can be created
hh3cprialarmVariable (1.3.6.1.4.1.25506.8.4.4.1.1.3)	read-write	Current	This object can be created
hh3cprialarmSympol (1.3.6.1.4.1.25506.8.4.4.1.1.4)	read-write	Current	This object can be created When adding a new row, this node may not be set any value and it can be provided a default value in code implementation. The length of value is range from 1 to 127
hh3cprialarmSampleType (1.3.6.1.4.1.25506.8.4.4.1.1.5)	read-write	Current	This object can be created
hh3cprialarmValue (1.3.6.1.4.1.25506.8.4.4.1.1.6)	read-only	No	When the value of this object is out of the range of hh3cprialarmValue, the value of hh3cprialarmValue will be a negative.
hh3cprialarmStartupAlarm (1.3.6.1.4.1.25506.8.4.4.1.1.7)	read-write	No	This object can be created
hh3cprialarmRisingThreshold (1.3.6.1.4.1.25506.8.4.4.1.1.8)	read-write	Current	This object can be created
hh3cprialarmFallingThreshold (1.3.6.1.4.1.25506.8.4.4.1.1.9)	read-write	Current	This object can be created
hh3cprialarmRisingEventIndex (1.3.6.1.4.1.25506.8.4.4.1.1.10)	read-write	Current	This object can be created
hh3cprialarmFallingEventIndex (1.3.6.1.4.1.25506.8.4.4.1.1.11)	read-write	Current	This object can be created
hh3cprialarmStatCycle (1.3.6.1.4.1.25506.8.4.4.1.1.12)	read-write	Current	This object can be created
hh3cprialarmStatType (1.3.6.1.4.1.25506.8.4.4.1.1.13)	read-write	Current	This object can be created
hh3cprialarmOwner (1.3.6.1.4.1.25506.8.4.4.1.1.14)	read-write	Current	This object can be created
hh3cprialarmStatus (1.3.6.1.4.1.25506.8.4.4.1.1.15)	read-write	Current	This object can be created

# HH3C-LswMSTP-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cdot1sStpStatus (1.3.6.1.4.1.25506.8.35.14.1)	read-write	Current	As per MIB
hh3cdot1sStpForceVersion (1.3.6.1.4.1.25506.8.35.14.2)	read-write	Current	As per MIB

hh3cdot1sStpDiameter (1.3.6.1.4.1.25506.8.35.14.3)	read-write	Current	The object is correlated with dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay, which is defined in IEEE 802.1d standard. A modification to this object will cause the other three to change. Changing any of dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay alone will result in incorrect correlation between this object and these three ones. If any of these three objects changed, the reading value of this object is insignificant.
hh3cdot1sMstBridgeMaxHops (1.3.6.1.4.1.25506.8.35.14.4)	read-write	Current	As per MIB
hh3cdot1sMstMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.5)	read-only	No	As per MIB
hh3cdot1sMstMasterPathCost (1.3.6.1.4.1.25506.8.35.14.6)	read-only	No	As per MIB
hh3cdot1sMstBpduGuard (1.3.6.1.4.1.25506.8.35.14.7)	read-write	Current	As per MIB
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 (1.3.6.1.4.1.25506.8.35.14.10)	read-write	No	As per MIB
hh3cdot1sMstOperFormatSelector (1.3.6.1.4.1.25506.8.35.14.11)	read-only	No	As per MIB
hh3cdot1sMstOperRegionName (1.3.6.1.4.1.25506.8.35.14.12)	read-only	Current	As per MIB
hh3cdot1sMstOperRevisionLevel (1.3.6.1.4.1.25506.8.35.14.13)	read-only	Current	As per MIB
hh3cdot1sMstOperConfigDigest (1.3.6.1.4.1.25506.8.35.14.14)	read-only	No	As per MIB
hh3cdot1sMstRegionConfActive (1.3.6.1.4.1.25506.8.35.14.15)	read-write	No	Value disable is only effective for reading.
hh3cdot1sMstDefaultVlanAllo (1.3.6.1.4.1.25506.8.35.14.16)	read-write	No	As per MIB
hh3cdot1sMstDefaultRegionName (1.3.6.1.4.1.25506.8.35.14.17)	read-write	No	As per MIB
hh3cdot1sStpPathCostStandard (1.3.6.1.4.1.25506.8.35.14.21)	read-write	No	Path cost standard of the bridge. Value dot1d-1998 is IEEE 802.1d standard in 1998, value dot1t is IEEE 802.1t standard, and value legacy is a private legacy standard.

## hh3cdot1sVIDAllocationTable

OID of this table is :1.3.6.1.4.1.25506.8.35.14.18

Name	Access	PDS	Description
hh3cdot1sMstVID (1.3.6.1.4.1.25506.8.35.14.18.1.1)	read-only	Current	As per MIB
hh3cdot1sAdminMstID (1.3.6.1.4.1.25506.8.35.14.18.1.2)	read-write	No	As per MIB

hh3cdot1sOperMstiID (1.3.6.1.4.1.25506.8.35.14.18.1.3)	read-only	Current	As per MIB
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## hh3cdot1sInstanceTable

OID of this table is :1.3.6.1.4.1.25506.8.35.14.19

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

## hh3cdot1sPortTable

OID of this table is :1.3.6.1.4.1.25506.8.35.14.20

Name	Access	PDS	Description
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	read-only	No	As per MIB
hh3cdot1sMstiState (1.3.6.1.4.1.25506.8.35.14.20.1.2)	read-only	No	The value Disabled is not used by the node
hh3cdot1sMstiPortPriority (1.3.6.1.4.1.25506.8.35.14.20.1.3)	read-write	Current	This object can not be set on the ONU port.
hh3cdot1sMstiPathCost (1.3.6.1.4.1.25506.8.35.14.20.1.4)	read-write	Current	This object can not be set on the ONU port when the hh3cdot1sInstanceID is more than 0.
hh3cdot1sMstiDesignatedRoot (1.3.6.1.4.1.25506.8.35.14.20.1.5)	read-only	No	As per MIB
hh3cdot1sMstiDesignatedCost	read-only	No	As per MIB



(1.3.6.1.4.1.25506.8.35.14.20.1.6)			
hh3cdot1sMstiDesignatedBridge (1.3.6.1.4.1.25506.8.35.14.20.1.7)	read-only	No	As per MIB
hh3cdot1sMstiDesignatedPort (1.3.6.1.4.1.25506.8.35.14.20.1.8)	read-only	No	As per MIB
hh3cdot1sMstiMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.20.1.9)	read-only	No	As per MIB
hh3cdot1sMstiMasterPortCost (1.3.6.1.4.1.25506.8.35.14.20.1.10)	read-only	No	As per MIB
hh3cdot1sMstiStpPortEdgeport (1.3.6.1.4.1.25506.8.35.14.20.1.11)	read-write	Current	As per MIB
hh3cdot1sMstiStpPortPointToPoint (1.3.6.1.4.1.25506.8.35.14.20.1.12)	read-write	Current	As per MIB
hh3cdot1sMstiStpMcheck (1.3.6.1.4.1.25506.8.35.14.20.1.13)	read-write	No	As per MIB
hh3cdot1sMstiStpTransLimit (1.3.6.1.4.1.25506.8.35.14.20.1.14)	read-write	Current	Default value is 10
hh3cdot1sMstiStpRXStpBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.15)	read-only	No	As per MIB
hh3cdot1sMstiStpTXStpBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.16)	read-only	No	As per MIB
hh3cdot1sMstiStpRXTCNBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.17)	read-only	No	As per MIB
hh3cdot1sMstiStpTXTCNBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.18)	read-only	No	As per MIB
hh3cdot1sMstiStpRXRSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.19)	read-only	No	As per MIB
hh3cdot1sMstiStpTXRSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.20)	read-only	No	As per MIB
hh3cdot1sMstiStpRXMSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.21)	read-only	No	As per MIB
hh3cdot1sMstiStpTXMSTPBPDU (1.3.6.1.4.1.25506.8.35.14.20.1.22)	read-only	No	As per MIB
hh3cdot1sMstiStpClearStatistics (1.3.6.1.4.1.25506.8.35.14.20.1.23)	read-write	No	As per MIB
hh3cdot1sMstiStpDefaultPortCost (1.3.6.1.4.1.25506.8.35.14.20.1.24)	read-write	No	As per MIB
hh3cdot1sMstiStpStatus (1.3.6.1.4.1.25506.8.35.14.20.1.25)	read-write	Current	As per MIB
hh3cdot1sMstiPortRootGuard (1.3.6.1.4.1.25506.8.35.14.20.1.26)	read-write	Current	As per MIB
hh3cdot1sMstiPortLoopGuard (1.3.6.1.4.1.25506.8.35.14.20.1.27)	read-write	Current	As per MIB

hh3cdot1sMstiStpPortSendingBPDUType (1.3.6.1.4.1.25506.8.35.14.20.1.28)	read-only	Current	As per MIB
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.

## HH3C-VOICE-VLAN-MIB

### Scalar objects

Name	Access	PDS	Description
hh3cVoiceVlanEnabledId (1.3.6.1.4.1.25506.2.9.2)	read-write	Current	ot supported
hh3cVoiceVlanPortEnableList (1.3.6.1.4.1.25506.2.9.3)	read-write	Current	ot 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

### 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.

3) All the objects in this table can not be set separately. The value must be appointed when creating the row. After a row created, all the instance of this row can not be changed.

Name	Access	PDS	Description
hh3cVoiceVlanOuiAddress	read-only	Current	As per MIB

(1.3.6.1.4.1.25506.2.9.1.1.1)			
hh3cVoiceVlanOuiMask (1.3.6.1.4.1.25506.2.9.1.1.2)	read-write	Current	As per MIB
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

## 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

# HH3C-LswVLAN-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cVLANMibGarpLeaveAllTime (1.3.6.1.4.1.25506.8.35.2.2.14)	read-write	Current	As per MIB

## 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	As per MIB
hh3cVLANMibSwitchGVRPRXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.2)	read-only	No	As per MIB
hh3cVLANMibSwitchGMRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.3)	read-only	No	As per MIB
hh3cVLANMibSwitchGVRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.4)	read-only	No	As per MIB
hh3cVLANMibSwitchDiscardedPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.5)	read-only	No	As per MIB
hh3cVLANMibSwitchGarpStatClear (1.3.6.1.4.1.25506.8.35.2.2.15.1.6)	write-only	No	As per MIB

## 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	Current	1) The unit of timer is centiseconds ;

			HoldTime ≤ (JoinTime/2) and the value of HoldTime must be multiple of 5 centiseconds; 2) JoinTime < (LeaveTime/2); LeaveTime < (LeaveallTime).
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## 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 name of the vlan. Default value for each vlan is "vlan xxxx", and xxxx is serial number of the vlan.
hh3cdot1qVlanPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.3)	read-write	Current	As per MIB
hh3cdot1qVlanType (1.3.6.1.4.1.25506.8.35.2.1.1.1.4)	read-write	Current	As per MIB
hh3cdot1qVlanMacFilter (1.3.6.1.4.1.25506.8.35.2.1.1.1.5)	read-only	No	As per MIB
hh3cdot1qVlanMcastUnknownProtos (1.3.6.1.4.1.25506.8.35.2.1.1.1.6)	read-only	No	As per MIB
hh3cExistInterface (1.3.6.1.4.1.25506.8.35.2.1.1.1.7)	read-only	No	As per MIB
hh3cVlanInterfaceIndex (1.3.6.1.4.1.25506.8.35.2.1.1.1.8)	read-only	No	As per MIB
hh3cdot1qVlanMacLearn (1.3.6.1.4.1.25506.8.35.2.1.1.1.9)	read-only	No	Not supported. Its value is always 2(false), which means "not supported"
hh3cdot1qVlanStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.10)	read-only	No	As per MIB
hh3cdot1qVlanCreationTime (1.3.6.1.4.1.25506.8.35.2.1.1.1.11)	read-only	No	As per MIB
hh3cdot1qVlanPriority (1.3.6.1.4.1.25506.8.35.2.1.1.1.12)	read-write	No	As per MIB
hh3cdot1qVlanRowStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.13)	read-create	No	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	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

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 config node and query node, config node can both be used for config and query purposes, while query node can be used for query only.

The config node 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), destory(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 is some examples for the error mentioned above:

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

2) hh3cdot1qVlanType: with value sub-vlan(3) can not 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 can not exceed 32 charcters.

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) can not be set using this MIB

hh3cdot1qVlanPriority

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

## 3. configuration example

### 1) Configuration success

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

### 2) Configuration fail

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

# hh3cVlanInterfaceTable

OID of this table is :1.3.6.1.4.1.25506.8.35.2.1.2

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	hh3cdot1qVlanIpAddress and hh3cdot1qVlanIpAddressMask must by set simultaneously.
hh3cdot1qVlanIpAddressMask (1.3.6.1.4.1.25506.8.35.2.1.2.1.4)	read-write	Current	hh3cdot1qVlanIpAddress and hh3cdot1qVlanIpAddressMask must by set simultaneously.
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	No	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.
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## 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	No	As per MIB
hh3cifIsolateSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.4.1.2)	read-write	No	As per MIB
hh3cifIsolateSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.4.1.3)	read-write	No	As per MIB

## hh3cVlanInterfaceAddrTable

OID of this table is :1.3.6.1.4.1.25506.8.35.2.1.5

Name	Access	PDS	Description
hh3cVlanInterfaceIpIndex (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-write	Current	As per MIB
hh3cVlanInterfaceIpMask (1.3.6.1.4.1.25506.8.35.2.1.5.1.3)	read-write	Current	As per MIB
hh3cVlanInterfaceIpType (1.3.6.1.4.1.25506.8.35.2.1.5.1.4)	read-write	No	As per MIB
hh3cVlanInterfaceIpRowStatus (1.3.6.1.4.1.25506.8.35.2.1.5.1.5)	read-create	No	As per MIB

## HH3C-TRNG-MIB

This MIB is used to manage time-range.

When creating an absolute time-range, configure hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngAbsoluteNameIndex to create hh3cTrngAbsoluteTable. For example, hh3cTrngCreateTimerangeTable is configured, and value of hh3cTrngIndex are 1,2,5, then 1,2,5 can be specified as index for creating hh3cTrngAbsoluteTable.

When creating a periodic time-range, configure hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngPeriodicNameIndex to create hh3cTrngPeriodicTable. For example, hh3cTrngCreateTimerangeTable is configured, and value of hh3cTrngIndex are 1,2,5, then 1,2,5 can be specified as index for creating hh3cTrngPeriodicTable.

After saving and rebooting, the value of hh3cTrngIndex, hh3cTrngAbsoluteNameIndex, hh3cTrngAbsoluteSubIndex, hh3cTrngPeriodicNameIndex and hh3cTrngPeriodicSubIndex may be adjusted.

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

## hh3cTrngCreateTimerangeTable

OID of this table is :1.3.6.1.4.1.25506.8.13.1.1

Name	Access	PDS	Description
hh3cTrngIndex (1.3.6.1.4.1.25506.8.13.1.1.1.1)	not-accessible	No	As per MIB
hh3cTrngName (1.3.6.1.4.1.25506.8.13.1.1.1.2)	read-create	Current	As per MIB
hh3cTrngValidFlag (1.3.6.1.4.1.25506.8.13.1.1.1.3)	read-only	Current	As per MIB
hh3cTrngCreateRowStatus (1.3.6.1.4.1.25506.8.13.1.1.1.4)	read-create	Current	As per MIB

## hh3cTrngAbsoluteTable

OID of this table is :1.3.6.1.4.1.25506.8.13.1.2

Name	Access	PDS	Description
hh3cTrngAbsoluteNameIndex (1.3.6.1.4.1.25506.8.13.1.2.1.1)	not-accessible	No	As per MIB
hh3cTrngAbsoluteSubIndex (1.3.6.1.4.1.25506.8.13.1.2.1.2)	not-accessible	No	As per MIB
hh3cTimerangeAbsoluteStartTime (1.3.6.1.4.1.25506.8.13.1.2.1.3)	read-create	Current	As per MIB
hh3cTimerangeAbsoluteEndTime (1.3.6.1.4.1.25506.8.13.1.2.1.4)	read-create	Current	As per MIB
hh3cTimerangeAbsolueRowStatus (1.3.6.1.4.1.25506.8.13.1.2.1.5)	read-create	Current	As per MIB

## hh3cTrngPeriodicTable

OID of this table is :1.3.6.1.4.1.25506.8.13.1.3

Name	Access	PDS	Description
hh3cTrngPeriodicNameIndex (1.3.6.1.4.1.25506.8.13.1.3.1.1)	not-accessible	No	As per MIB
hh3cTrngPeriodicSubIndex (1.3.6.1.4.1.25506.8.13.1.3.1.2)	not-accessible	No	As per MIB
hh3cTrngPeriodicDayOfWeek (1.3.6.1.4.1.25506.8.13.1.3.1.3)	read-create	Current	As per MIB
hh3cTimerangePeriodicStartTime (1.3.6.1.4.1.25506.8.13.1.3.1.4)	read-create	Current	As per MIB



hh3cTimerangePeriodicEndTime (1.3.6.1.4.1.25506.8.13.1.3.1.5)	read-create	Current	As per MIB
hh3cTimerangePeriodicRowStatus (1.3.6.1.4.1.25506.8.13.1.3.1.6)	read-create	Current	As per MIB

# HH3C-8021PAE-MIB

## hh3cdot1xPaeSystem group

OID of this table is :1.3.6.1.4.1.25506.8.6.1.1

Name	Access	PDS	Description
hh3cdot1xAuthQuietPeriod (1.3.6.1.4.1.25506.8.6.1.1.1)	read-write	Current	The value range is [10-120]
hh3cdot1xAuthTxPeriod (1.3.6.1.4.1.25506.8.6.1.1.2)	read-write	Current	The value range is [10-120]
hh3cdot1xAuthSuppTimeout (1.3.6.1.4.1.25506.8.6.1.1.3)	read-write	Current	The value range is [10-120]
hh3cdot1xAuthServerTimeout (1.3.6.1.4.1.25506.8.6.1.1.4)	read-write	Current	The value range is [100-300]
hh3cdot1xAuthMaxReq (1.3.6.1.4.1.25506.8.6.1.1.5)	read-write	Current	The value range is [1-10]
hh3cdot1xAuthReAuthPeriod (1.3.6.1.4.1.25506.8.6.1.1.6)	read-write	Current	The value range is [60-7200]
hh3cdot1xAuthMethod (1.3.6.1.4.1.25506.8.6.1.1.7)	read-write	Current	The value is chap(1), pap(2) or EAP(3).

## hh3cdot1xAuthConfigExtTable

OID of this table is :1.3.6.1.4.1.25506.8.6.1.2.1

Name	Access	PDS	Description
hh3cdot1xpaeportAuthAdminStatus (1.3.6.1.4.1.25506.8.6.1.2.1.1.1)	read-write	Current	As per MIB
hh3cdot1xpaeportControlledType (1.3.6.1.4.1.25506.8.6.1.2.1.1.2)	read-write	Current	As per MIB
hh3cdot1xpaeportMaxUserNum (1.3.6.1.4.1.25506.8.6.1.2.1.1.3)	read-write	Current	As per MIB
hh3cdot1xpaeportUserNumNow (1.3.6.1.4.1.25506.8.6.1.2.1.1.4)	read-only	No	As per MIB
hh3cdot1xpaeportClearStatistics (1.3.6.1.4.1.25506.8.6.1.2.1.1.5)	read-write	No	As per MIB
hh3cdot1xpaeportMcastTrigStatus (1.3.6.1.4.1.25506.8.6.1.2.1.1.6)	read-write	Current	As per MIB
hh3cdot1xpaeportHandshakeStatus (1.3.6.1.4.1.25506.8.6.1.2.1.1.7)	read-write	Current	As per MIB

## Scalar objects of hh3cdot1xPaeTraps group

OID of this table is :1.3.6.1.4.1.25506.8.6.1.0

These objects are filled into Supplicantproxycheck trap when such a trap is sent.

Name	Access	PDS	Description
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hh3cproxycheckVlanId (1.3.6.1.4.1.25506.8.6.1.0.2)	accessible-for-notify	No	As per MIB
hh3cproxycheckPortName (1.3.6.1.4.1.25506.8.6.1.0.3)	accessible-for-notify	No	As per MIB
hh3cproxycheckMacAddr (1.3.6.1.4.1.25506.8.6.1.0.4)	accessible-for-notify	No	As per MIB
hh3cproxycheckIpaddr (1.3.6.1.4.1.25506.8.6.1.0.5)	accessible-for-notify	No	As per MIB
hh3cproxycheckUsrName (1.3.6.1.4.1.25506.8.6.1.0.6)	accessible-for-notify	No	As per MIB

## HH3C-LswIGSP-MIB

### 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	As per MIB
hh3clgmpSnoopingResponseTime (1.3.6.1.4.1.25506.8.35.7.1.3)	read-write	Current	As per MIB
hh3clgmpSnoopingHostTime (1.3.6.1.4.1.25506.8.35.7.1.4)	read-write	Current	As per MIB
hh3clgmpSnoopingNonFloodingStatus (1.3.6.1.4.1.25506.8.35.7.1.8)	read-write	Current	The default setting is disabled.

### 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	As per MIB
hh3cRecvIGMPGQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.2)	read-only	No	As per MIB
hh3cRecvIGMPV1ReportNum (1.3.6.1.4.1.25506.8.35.7.1.10.3)	read-only	No	As per MIB
hh3cRecvIGMPV2ReportNum (1.3.6.1.4.1.25506.8.35.7.1.10.4)	read-only	No	As per MIB
hh3cRecvIGMPLeaveNum (1.3.6.1.4.1.25506.8.35.7.1.10.5)	read-only	No	As per MIB
hh3cRecvErrorIGMPPacketNum (1.3.6.1.4.1.25506.8.35.7.1.10.6)	read-only	No	As per MIB
hh3cSentIGMPGQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.7)	read-only	No	As per MIB
hh3clgmpSnoopingClearStats (1.3.6.1.4.1.25506.8.35.7.1.10.8)	read-write	No	As per MIB

### hh3clgmpSnoopingVlanStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.7.1.9

Name	Access	PDS	Description
hh3cIcmpSnoopingVlanID (1.3.6.1.4.1.25506.8.35.7.1.9.1.1)	no-accessible	Current	As per MIB
hh3cIcmpSnoopingVlanEnabled (1.3.6.1.4.1.25506.8.35.7.1.9.1.2)	read-write	No	As per MIB

# HH3C-ACL-MIB

## hh3cAcIb2NodesGroup

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.1

Name	Access	PDS	Description
hh3cAcIb2Mode (1.3.6.1.4.1.25506.2.8.2.1.1.1)	read-write	No	Not supported
hh3cAcIb2Version (1.3.6.1.4.1.25506.2.8.2.1.1.2)	read-only	No	As per MIB
hh3cAcIb2ObjectsCapabilities (1.3.6.1.4.1.25506.2.8.2.1.1.3)	read-only	No	As per MIB

## hh3cAcIb2CapabilityTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.2

Name	Access	PDS	Description
hh3cAcIb2EntityType (1.3.6.1.4.1.25506.2.8.2.1.2.1.1)	not-accessible	No	As per MIB
hh3cAcIb2EntityIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.2)	not-accessible	No	As per MIB
hh3cAcIb2ModuleIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.3)	not-accessible	No	As per MIB
hh3cAcIb2CharacteristicsIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.4)	not-accessible	No	As per MIB
hh3cAcIb2CharacteristicsDesc (1.3.6.1.4.1.25506.2.8.2.1.2.1.5)	read-only	No	As per MIB
hh3cAcIb2CharacteristicsValue (1.3.6.1.4.1.25506.2.8.2.1.2.1.6)	read-only	No	As per MIB

## hh3cAcIbNumberGroupTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.3

Notes:

If the value of hh3cAcIbNumberGroupIndex is between 5000 and 5999, it means to configure an user acl, then hh3cAcIbNumberGroupMatchOrder and hh3cAcIbNumberGroupStep are forbidden, because user acl does not support configuring match-order and step.

Name	Access	PDS	Description
hh3cAcIbNumberGroupType (1.3.6.1.4.1.25506.2.8.2.1.3.1.1)	not-accessible	Current	As per MIB
hh3cAcIbNumberGroupIndex (1.3.6.1.4.1.25506.2.8.2.1.3.1.2)	not-accessible	Current	As per MIB
hh3cAcIbNumberGroupRowStatus	read-create	Current	Only support active(1),

(1.3.6.1.4.1.25506.2.8.2.1.3.1.3)			createAndGo(4), and destroy(6)
hh3cAclNumberGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.3.1.4)	read-create	Current	As per MIB
hh3cAclNumberGroupStep (1.3.6.1.4.1.25506.2.8.2.1.3.1.5)	read-create	Current	As per MIB
hh3cAclNumberGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.3.1.6)	read-create	Current	As per MIB
hh3cAclNumberGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.3.1.7)	read-write	No	As per MIB
hh3cAclNumberGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.3.1.8)	read-only	Current	As per MIB

## hh3cAclIPAcIBasicTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.2.2

Notes:

If a rule will be created, hh3cAclIPAcIBasicRowStatus must be 4 and the rule number does not exist.

The value of hh3cAclIPAcIBasicAct is 1, 2 or 3.

If the node hh3cAclIPAcIBasicSrcAny is set and the value of hh3cAclIPAcIBasicSrcAny is true, the set operation of hh3cAclIPAcIBasicSrcAddrType, hh3cAclIPAcIBasicSrcAddr, hh3cAclIPAcIBasicSrcPrefix or hh3cAclIPAcIBasicSrcWild does not be executed. when the node hh3cAclIPAcIBasicSrcAny is not set, If the node hh3cAclIPAcIBasicSrcAddrType is set and the value of hh3cAclIPAcIBasicSrcAddrType is 1, hh3cAclIPAcIBasicSrcAddr and hh3cAclIPAcIBasicSrcWild must be set correctly and the set operation of node hh3cAclIPAcIBasicSrcPrefix is forbidden; If the node hh3cAclIPAcIBasicSrcAddrType is set and the value of hh3cAclIPAcIBasicSrcAddrType is 2, hh3cAclIPAcIBasicSrcAddr and hh3cAclIPAcIBasicSrcPrefix must be set correctly and the set operation of node hh3cAclIPAcIBasicSrcWild is forbidden.. The value of hh3cAclIPAcIBasicSrcAddrType is 1 or 2 now.

If VPN instance exists, hh3cAclIPAcIBasicVpnInstanceName can be set ,otherwise it can not.

The value of hh3cAclIPAcIBasicFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAcIBasicComment can not be modified now.

If destroy operation is executed, hh3cAclIPAcIBasicRowStatus value must be 6, and the value of hh3cAclNumberGroupType, hh3cAclNumberGroupIndex hh3cAclIPAcIBasicRuleIndex must exist, otherwise it will return error.

Name	Access	PDS	Description
hh3cAclIPAcIBasicRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.2.1.1)	not-accessible	Current	As per MIB
hh3cAclIPAcIBasicRowStatus (1.3.6.1.4.1.25506.2.8.2.2.2.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAclIPAcIBasicAct (1.3.6.1.4.1.25506.2.8.2.2.2.1.3)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.2.1.4)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.2.1.5)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.2.1.6)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcAny (1.3.6.1.4.1.25506.2.8.2.2.2.1.7)	read-create	Current	The default value is true(1).
hh3cAclIPAcIBasicSrcWild (1.3.6.1.4.1.25506.2.8.2.2.2.1.8)	read-create	Current	As per MIB
hh3cAclIPAcIBasicTimeRangeNa	read-create	Current	As per MIB

me (1.3.6.1.4.1.25506.2.8.2.2.1.9)			
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 set operation.

## 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.

The value of hh3cAcIIPAcIAdvancedAct is 1, 2 or 3;

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.

Only Simple ACL supports node hh3cAcIIPAcIAdvancedAddrFlag. hh3cAcIIPAcIAdvancedTCPFlag and hh3cAcIIPAcIAdvancedVpnInstanceName are not supported now.

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, and The value of hh3cAcIIPAcIAdvancedRuleIndex must exist, or it will return error.

Name	Access	PDS	Description
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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	If the rule is Advanced ACL, the value of this object is 'permit' or 'deny'. If the rule is Simple ACL, the value of this object must be 'invalid'.
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	As per MIB
hh3cAcIIPAcIAdvancedSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.3.1.6)	read-create	Current	As per MIB
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
hh3cAcIIPAcIAdvancedDestAddrType (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
hh3cAcIIPAcIAdvancedPrecedence (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
hh3cAcIIPAcIAdvancedTimeRangeName	read-create	Current	As per MIB

(1.3.6.1.4.1.25506.2.8.2.2.3.1.27)			
hh3cAcIPAcIAdvancedTCPFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.28)	read-create	Current	As per MIB
hh3cAcIPAcIAdvancedFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.29)	read-create	Current	Support 0 and 2
hh3cAcIPAcIAdvancedLog (1.3.6.1.4.1.25506.2.8.2.2.3.1.30)	read-create	Current	As per MIB
hh3cAcIPAcIAdvancedCount (1.3.6.1.4.1.25506.2.8.2.2.3.1.31)	read-only	NO	As per MIB
hh3cAcIPAcIAdvancedCountClear (1.3.6.1.4.1.25506.2.8.2.2.3.1.32)	read-write	NO	Not supported
hh3cAcIPAcIAdvancedEnable (1.3.6.1.4.1.25506.2.8.2.2.3.1.33)	read-only	NO	As per MIB
hh3cAcIPAcIAdvancedVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.3.1.34)	read-create	Current	As per MIB
hh3cAcIPAcIAdvancedComment (1.3.6.1.4.1.25506.2.8.2.2.3.1.35)	read-create	Current	Only support read and set operation.

## hh3cAcIACTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.3.1

### Notes:

If a rule will be created, hh3cAcIACRowStatus must be 4 and the rule number does not exist.

The value of hh3cAcIACAct is 1, 2 or 3 and the set of hh3cAcIACAct is required when a rule is created.

hh3cAcIACTypeCode and hh3cAcIACTypeMask must be set together.

hh3cAcIACSrcMac and hh3cAcIACSrcMacWild must be set together.

hh3cAcIACDestMac and hh3cAcIACDestMacWild must be set together.

hh3cAcIACLsapCode and hh3cAcIACLsapMask must be set together.

If hh3cAcIACTypeCode or hh3cAcIACTypeMask is set, hh3cAcIACLsapCode or hh3cAcIACLsapMask must be not set.

If hh3cAcIACLsapCode or hh3cAcIACLsapMask is set, hh3cAcIACTypeCode or hh3cAcIACTypeMask must be not set.

All the objects in the table except hh3cAcIACComment can not be modified now.

Name	Access	PDS	Description
hh3cAcIACRuleIndex (1.3.6.1.4.1.25506.2.8.2.3.1.1.1)	not-accessible	Current	As per MIB
hh3cAcIACRowStatus (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)
hh3cAcIACAct (1.3.6.1.4.1.25506.2.8.2.3.1.1.3)	read-create	Current	As per MIB
hh3cAcIACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.4)	read-create	Current	As per MIB
hh3cAcIACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.5)	read-create	Current	As per MIB
hh3cAcIACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.6)	read-create	Current	As per MIB
hh3cAcIACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.7)	read-create	Current	As per MIB
hh3cAcIACDestMac	read-create	Current	As per MIB



(1.3.6.1.4.1.25506.2.8.2.3.1.1.8)			
hh3cAcIACDestMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.9)	read-create	Current	As per MIB
hh3cAcIACLSapCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.10)	read-create	Current	As per MIB
hh3cAcIACLSapMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.11)	read-create	Current	As per MIB
hh3cAcIACCos (1.3.6.1.4.1.25506.2.8.2.3.1.1.12)	read-create	Current	As per MIB
hh3cAcIACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.1.1.13)	read-create	Current	As per MIB
hh3cAcIACCount (1.3.6.1.4.1.25506.2.8.2.3.1.1.14)	read-only	NO	As per MIB
hh3cAcIACCountClear (1.3.6.1.4.1.25506.2.8.2.3.1.1.15)	read-write	NO	Not supported
hh3cAcIACEnable (1.3.6.1.4.1.25506.2.8.2.3.1.1.16)	read-only	NO	As per MIB
hh3cAcIACComment (1.3.6.1.4.1.25506.2.8.2.3.1.1.17)	read-create	Current	Only support read and set operation.

## 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

## HH3C-CBQOS2-MIB

### Scalar Objects

Name	Access	PDS	Description
hh3cCBQoSClassifierIndexNext (1.3.6.1.4.1.25506.2.65.2.1.1.1)	read-only	No	If the value of this object is 65535, it indicates that no instance can be created in hh3cCBQoSClassifierCfgInfoTable.
hh3cCBQoSBehaviorIndexNext (1.3.6.1.4.1.25506.2.65.2.1.2.1)	read-only	No	If the value of this object is 65535, it indicates that no instance can



			be created in hh3cCBQoSBehaviorCfgInfoTable.
hh3cCBQoSPolicyIndexNext (1.3.6.1.4.1.25506.2.65.2.1.3.1)	read-only	No	If the value of this object is 65535, it indicates that no instance 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).

## 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

## 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	As per MIB
hh3cCBQoSBehaviorRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.4)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## hh3cCBQoSCarCfgInfoTable

OID 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	As per MIB
hh3cCBQoSCarCbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.2)	read-create	Current	As per MIB
hh3cCBQoSCarEbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.3)	read-create	Current	As per MIB
hh3cCBQoSCarPir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.4)	read-create	Current	As per MIB
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).
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).
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).
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).

## hh3cCBQoSCarRunInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.65.2.1.5.6.3

Name	Access	PDS	Description
hh3cCBQoSCarGreenPackets	read-only	No	As per MIB

(1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.1)			
hh3cCBQoSCarGreenBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.2)	read-only	No	Not supported
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	Not supported
hh3cCBQoSCarYellowPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.5)	read-only	No	Not supported
hh3cCBQoSCarYellowBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.6)	read-only	No	Not supported

## 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	As per MIB
hh3cCBQoSClassifierMatchRuleNextIndex (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.7)	read-only	No	If the value of this object is 65535, it indicates that no instance can be created in hh3cCBQoSMatchRuleCfgInfoTa

			ble.
hh3cCBQoSClassifierRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.1.8) )	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## hh3cCBQoSFirewallCfgInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.65.2.1.2.12

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

Name	Access	PDS	Description
hh3cCBQoSFirewallAction (1.3.6.1.4.1.25506.2.65.2.1.2.12.1. 1) )	read-create	Current	As per MIB
hh3cCBQoSFirewallRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.12.1. 2) )	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## 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	As per MIB

## 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 ) )	not-accessible	Current	As per MIB
hh3cCBQoSIfApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.2 ) )	not-accessible	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
hh3cCBQoSIfApplyPolicyEnabledDynamic (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).

## 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), or matchRuleBittorrent(24): hh3cCBQoSMatchRuleStringValue, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.
- (6) If the hh3cCBQoSMatchRuleType is matchRuleIPv4Acl(2), matchRuleIPv6Acl(3), matchRuleIpPre(8), matchRuleVlan8021p(9), matchRuleMplsExp(10), matchRuleAtmClp(11), matchRuleFrDe(12), matchRuleQosLocalID(15), matchRuleLocalPrecedence(22), matchRuleDropPriority(23): hh3cCBQoSMatchRuleIntValue1 must be bound, hh3cCBQoSMatchRuleIntValue2 and hh3cCBQoSMatchRuleStringValue must not be bound.
- (7) If the hh3cCBQoSMatchRuleType is matchRuleDscp(7): only hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 can be bound, hh3cCBQoSMatchRuleStringValue must not be bound.
- (8) If the hh3cCBQoSMatchRuleType is matchRuleRtpPort(18), hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must be bound together, hh3cCBQoSMatchRuleStringValue must not be bound.
- (9) If the hh3cCBQoSMatchRuleType is matchRuleSourceMac(13), matchRuleDestinationMac(14),

matchRuleClassifier(16), matchRuleInboundInterface(17), matchRuleVlanID(20),  
matchRuleTopMostVlanID(21): hh3cCBQoSMatchRuleStringValue must be bound,  
hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.

(10) The type matchRuleIPXProtocol(6) 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	As per MIB
hh3cCBQoSMatchRuleType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.3)	read-create	Current	As per MIB
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 NULL.
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).

## 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	As per MIB
hh3cCBQoSNEstCustomerVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.3)	read-create	Current	Not supported
hh3cCBQoSNEstCustomerDot1pValue (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.4)	read-create	Current	Not supported
hh3cCBQoSNEstRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.5)	read-create	Current	As per MIB

## 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	No	If the value of this object is 65535, it indicates that no instance can be created in hh3cCBQoSPolicyClassCfgInfoTable.
hh3cCBQoSPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.3.2.1.7)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## hh3cCBQoSPolicyClassCfgInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.65.2.1.3.3

When creating a new entry of this table:

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

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	As per MIB
hh3cCBQoSPolicyClassCfgOrder (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.9)	read-only	Current	Not supported

## 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.

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), typeDropPrecedence(9), typeLocalPrecedence(10), 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).



## hh3cCBQoSvlanApplyPolicyTable

OID of this table is :1.3.6.1.4.1.25506.2.65.2.1.4.3

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

hh3cCBQoSvlanApplyPolicyName must be bound when creating a new entry of this table.

Name	Access	PDS	Description
hh3cCBQoSvlanApplyPolicyVlanId (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSvlanApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.2)	not-accessible	Current	As per MIB
hh3cCBQoSvlanApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.3)	read-create	Current	As per MIB
hh3cCBQoSvlanApplyPriority (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.4)	read-create	Current	Not supported. The value is always 0.
hh3cCBQoSvlanApplyPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

## HH3C-CONFIG-MAN-MIB

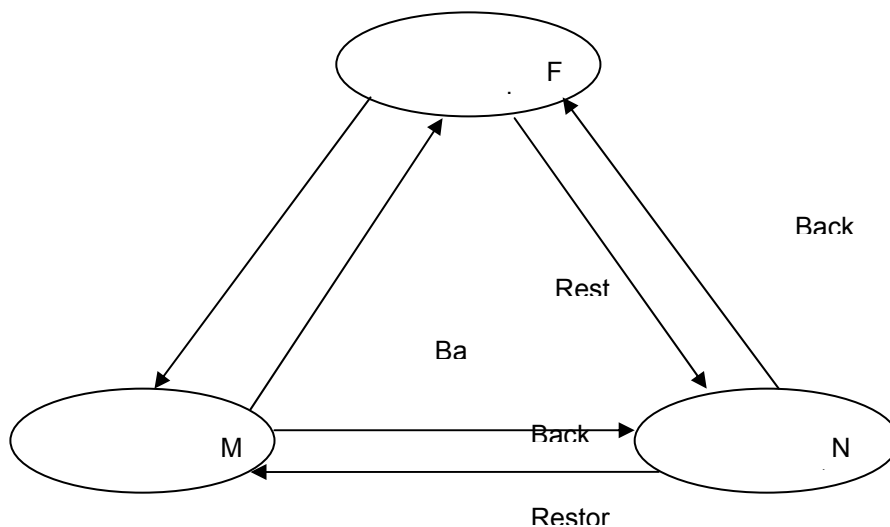
A configuration management MIB, includes configuration log management and Backup & Restore operation of configuration.

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.

It is recommended that **hh3cWriteConfig** is replaced by this MIB.



## 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	System checks the current configuration every 10 minutes. 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.

## hh3cCfgLogTable

OID of this table is :1.3.6.1.4.1.25506.2.4.1.1.7

All the events of configuration change triggered by SNMP agent will be recorded in the table. But only four command-line events can be recorded, these events include saving current configuration, resetting saved-configuration, renaming current startup configuration file and overwriting current startup configuration file by copy command.

Name	Access	PDS	Description
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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	In version 1 and version2, When users modify configuration through SNMP agent, the value of this instance is the name of the write community, while in version 3 the value is the user's name. A snmp operation produce two piece of log, the value of this instance in the second log is a zero length string.
hh3cCfgLogTerminalNum (1.3.6.1.4.1.25506.2.4.1.1.7.1.8)	read-only	No	As per MIB
hh3cCfgLogTerminalLocation (1.3.6.1.4.1.25506.2.4.1.1.7.1.9)	read-only	No	As per MIB
hh3cCfgLogCmdSrcAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.10)	read-only	No	A snmp operation produce two piece of log, the value of this instance in the second log is 0.0.0.0 when hh3cCfgLogSrcData and hh3cCfgLogDesData haven't the value of "netFtp".
hh3cCfgLogVirHost (1.3.6.1.4.1.25506.2.4.1.1.7.1.11)	read-only	No	A zero length string.
hh3cCfgLogUserName (1.3.6.1.4.1.25506.2.4.1.1.7.1.12)	read-only	No	When the value of hh3cCfgLogSrcCmd is "cmdLine", the value of this instance is a zero length string.
hh3cCfgLogServerAddress (1.3.6.1.4.1.25506.2.4.1.1.7.1.13)	read-only	No	A snmp operation produce two piece of log, the value of this instance in the first log is always 0.0.0.0, and this instance in the second log is 0.0.0.0 when hh3cCfgLogSrcData and hh3cCfgLogDesData haven't the value of "netFtp".
hh3cCfgLogFile (1.3.6.1.4.1.25506.2.4.1.1.7.1.14)	read-only	No	As per MIB
hh3cCfgLogCmdSrcAddrType (1.3.6.1.4.1.25506.2.4.1.1.7.1.15)	read-only	No	As per MIB
hh3cCfgLogCmdSrcAddrRev (1.3.6.1.4.1.25506.2.4.1.1.7.1.16)	read-only	No	As per MIB
hh3cCfgLogServerAddrType (1.3.6.1.4.1.25506.2.4.1.1.7.1.17)	read-only	No	As per MIB
hh3cCfgLogServerAddrRev (1.3.6.1.4.1.25506.2.4.1.1.7.1.18)	read-only	No	As per MIB
hh3cCfgLogServerAddrVPNName (1.3.6.1.4.1.25506.2.4.1.1.7.1.19)	read-only	No	As per MIB

## Scalar objects of hh3cCfgOperate group

OID of this table is :1.3.6.1.4.1.25506.2.4.1.2

Name	Access	PDS	Description
hh3cCfgOperateGlobalEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.1)	read-only	No	As per MIB
hh3cCfgOperateEntryAgeOutTime (1.3.6.1.4.1.25506.2.4.1.2.2)	read-write	No	As per MIB
hh3cCfgOperateResultGlobalEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.3)	read-write	No	As per MIB

## 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. If hh3cCfgOperateIndex is between 0x10000 and 0x1FFFF, it means the operation is for all slots in the distributed device
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	The value clusterftp(3) and clustertftp(4) are not supported.
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 116. In addition, the length of file name is no more than 52, and the length of string which describes path is no more than 64.
hh3cCfgOperateServerAddress (1.3.6.1.4.1.25506.2.4.1.2.4.1.5)	read-create	No	As per MIB
hh3cCfgOperateUserName (1.3.6.1.4.1.25506.2.4.1.2.4.1.6)	read-create	No	When the operation type is running2Net, net2Running, net2Startup or startup2net, the user name for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp. The length of name is no more than 32 characters
hh3cCfgOperateUserPassword (1.3.6.1.4.1.25506.2.4.1.2.4.1.7)	read-create	No	When the operation type is running2Net, net2Running, net2Startup or startup2net, the user password for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp. The length of password is no more than 16 characters.
hh3cCfgOperateEndNotificationSwitch	read-create	No	As per MIB

(1.3.6.1.4.1.25506.2.4.1.2.4.1.8)			
hh3cCfgOperateRowStatus (1.3.6.1.4.1.25506.2.4.1.2.4.1.9)	read-create	No	The status of this table entry. When the status is active all the object's value in the entry is not allowed to modify. The config-operation requests which are in progress are not allowed to destroy.
hh3cCfgOperateServerPort (1.3.6.1.4.1.25506.2.4.1.2.4.1.10)	read-create	No	When the operation type is running2Net, net2Running, net2Startup or startup2Net, this node is used for specifying the remote port number. If the value is 0 or not specified, the known port number will be used. Only support FTP protocol.
hh3cCfgOperateSrvAddrType (1.3.6.1.4.1.25506.2.4.1.2.4.1.11)	read-create	No	As per MIB
hh3cCfgOperateSrvAddrRev (1.3.6.1.4.1.25506.2.4.1.2.4.1.12)	read-create	No	As per MIB
hh3cCfgOperateSrvVPName (1.3.6.1.4.1.25506.2.4.1.2.4.1.13)	read-create	No	As per MIB

## 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 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

The following values of hh3cCfgOperateState are implemented for "netFtp" operation with ftp protocol:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 3: opInvalidOperation(3)
- 4: opInvalidProtocol
- 5: opInvalidSourceName
- 7: opInvalidServerAddress(7)
- 8: opDeviceBusy
- 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 hh3cCfgOperateState are implemented for "netFtp" operation with tftp protocol:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 3: opInvalidOperation(3)
- 4: opInvalidProtocol
- 7: opInvalidServerAddress(7)
- 8: opDeviceBusy
- 10: opDeviceError(10)
- 12: opDeviceFull(12)
- 13: opFileOpenError(13)
- 14: opFileTransferError(14)
- 16: opNoMemory(16)
- 19: opUnknownFailure(19)

The following values of hh3cCfgOperateState are implemented for "running2Startup" and "startup2Running" operation:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 10: opDeviceError(10)

## 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	Current	As per MIB

## hh3cCfgExecuteResultTable

OID of this table is :1.3.6.1.4.1.25506.2.4.1.2.6.2

Name	Access	PDS	Description
hh3cCfgExecuteResultIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.1)	not-accessible	Current	As per MIB
hh3cCfgExecuteResultOptIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.2)	read-only	Current	As per MIB
hh3cCfgExecuteResultOpType (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.3)	read-only	Current	As per MIB
hh3cCfgExecuteState (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.4)	read-only	Current	As per MIB
hh3cCfgExecuteTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.5)	read-only	Current	As per MIB
hh3cCfgExecuteEndTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.6)	read-only	Current	As per MIB

# HH3C-DOMAIN-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cDomainDefault (1.3.6.1.4.1.25506.2.46.1.1)	read-write	Current	As per MIB

## 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	As per MIB
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	Range from 0 to 2147483646, If the value is set to 0, the access limit will be disabled
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	As per MIB
hh3cDomainIdleCutMaxTime (1.3.6.1.4.1.25506.2.46.2.1.1.6)	read-create	Current	As per MIB
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	As per MIB
hh3cDomainSelfServiceURL (1.3.6.1.4.1.25506.2.46.2.1.1.12)	read-create	Current	Must begin with http://
hh3cDomainAccFailureAction (1.3.6.1.4.1.25506.2.46.2.1.1.13)	read-create	Current	As per MIB
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	As per MIB

## hh3cDomainSchemeTable

OID of this table is :1.3.6.1.4.1.25506.2.46.2.2

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

hh3cDomainSchemeMode

hh3cDomainSchemeAAAType  
hh3cDomainSchemeAAAName  
hh3cDomainSchemeAccessMode

3) 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 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'

## HH3C-FLASH-MAN-MIB

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

### Scalar objects

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

### hh3cFlashTable

OID of this table is :1.3.6.1.4.1.25506.2.5.1.1.2

Name	Access	PDS	Description
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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	As per MIB
hh3cFlhDescr (1.3.6.1.4.1.25506.2.5.1.1.2.1.6)	read-only	No	As per MIB
hh3cFlhInitTime (1.3.6.1.4.1.25506.2.5.1.1.2.1.8)	read-only	No	As per MIB
hh3cFlhRemovable (1.3.6.1.4.1.25506.2.5.1.1.2.1.9)	read-only	No	As per MIB
hh3cFlhPartitionBool (1.3.6.1.4.1.25506.2.5.1.1.2.1.11)	read-write	No	The value is always false, not support set operation.
hh3cFlhMinPartitionSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.12)	read-only	No	As per MIB
hh3cFlhMaxPartitions (1.3.6.1.4.1.25506.2.5.1.1.2.1.13)	read-only	No	As per MIB
hh3cFlhPartitionNum (1.3.6.1.4.1.25506.2.5.1.1.2.1.14)	read-only	No	As per MIB

## hh3cFlhChipTable

OID of this table is :1.3.6.1.4.1.25506.2.5.1.1.3.1

Name	Access	PDS	Description
hh3cFlhChipSerialNo (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.1)	not-accessible	No	As per MIB
hh3cFlhChipID (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.2)	read-only	No	Not supported
hh3cFlhChipDescr (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.3)	read-only	No	Not supported
hh3cFlhChipWriteTimesLimit (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.4)	read-only	No	As per MIB
hh3cFlhChipWriteTimes (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.5)	read-only	No	Not supported
hh3cFlhChipEraseTimesLimit (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.6)	read-only	No	As per MIB
hh3cFlhChipEraseTimes (1.3.6.1.4.1.25506.2.5.1.1.3.1.1.7)	read-only	No	As per MIB

## hh3cFlhPartitionTable

OID of this table is :1.3.6.1.4.1.25506.2.5.1.1.4.1

Name	Access	PDS	Description
hh3cFlhPartIndex (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.1)	not-accessible	No	As per MIB
hh3cFlhPartFirstChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.2)	read-only	No	As per MIB
hh3cFlhPartLastChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.3)	read-only	No	As per MIB
hh3cFlhPartSpace	read-only	No	As per MIB

(1.3.6.1.4.1.25506.2.5.1.1.4.1.1.4)			
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	As per MIB
hh3cFlhPartChecksumMethod (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.7)	read-only	No	As per MIB
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	As per MIB
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	As per MIB
hh3cFlhPartFileNameLen (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.12)	read-only	No	As per MIB

## hh3cFlhFileTable

OID of this table is :1.3.6.1.4.1.25506.2.5.1.1.4.2.1

Name	Access	PDS	Description
hh3cFlhFileIndex (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.1)	not-accessible	No	As per MIB
hh3cFlhFileName (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.2)	read-only	No	As per MIB
hh3cFlhFileSize (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.3)	read-only	No	As per MIB
hh3cFlhFileStatus (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.4)	read-only	No	As per MIB
hh3cFlhFileChecksum (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.5)	read-only	No	Not supported

## hh3cFlhOpTable

OID of this table is :1.3.6.1.4.1.25506.2.5.1.2.1

Name	Access	PDS	Description
hh3cFlhOperIndex (1.3.6.1.4.1.25506.2.5.1.2.1.1.1)	not-accessible	No	As per MIB
hh3cFlhOperType (1.3.6.1.4.1.25506.2.5.1.2.1.1.2)	read-create	No	For the tftp protocol, rename is not support.
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	read-create	No	As per MIB

(1.3.6.1.4.1.25506.2.5.1.2.1.1.6)			
hh3cFlhOperSourceFile (1.3.6.1.4.1.25506.2.5.1.2.1.1.7)	read-create	No	The string of source file name is no more than 91 characters.
hh3cFlhOperDestinationFile (1.3.6.1.4.1.25506.2.5.1.2.1.1.8)	read-create	No	The string of destination file name is no more than 91 characters.
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

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

The following values of Hh3cFlashOperationStatus are implemented for tftp protocol:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 5: opInvalidSourceName(5)
- 10: opDeviceError(10)
- 12: opDeviceFull(12)
- 13: opFileOpenError(13)
- 14: opFileTransferError(14)
- 16: opNoMemory(16)
- 19: opUnknownFailure(19)

The following values of Hh3cFlashOperationStatus are implemented for ftp protocol:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 3: opInvalidOperation(3)
- 5: opInvalidSourceName(5)
- 6: opInvalidDestName(6)
- 7: opInvalidServerAddress(7)
- 10: opDeviceError(10)
- 12: opDeviceFull(12)
- 13: opFileOpenError(13)
- 14: opFileTransferError(14)
- 16: opNoMemory(16)
- 17: opAuthFail(17)
- 19: opUnknownFailure(19)

The following values of Hh3cFlashOperationStatus are implemented for deleting operation:

1: opInProgress(1)  
2: opSuccess(2)  
5: opInvalidSourceName(5)  
20:opDeleteFileOpenError(20),  
21:opDeleteInvalidDevice(21),  
22:opDeleteInvalidFunction(22),  
23:opDeleteOperationError(23),  
24:opDeleteInvalidFileName(24),  
25:opDeleteDeviceBusy(25),  
26:opDeleteParaError(26),  
27:opDeleteInvalidPath(27)

# HH3C-SYS-MAN-MIB

## Scalar objects

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

Name	Access	PDS	Description
hh3cSysLocalClock (1.3.6.1.4.1.25506.2.3.1.1.1)	read-only	No	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 object indicates the master board in a distributed system, the whole chassis will be reloaded. And when it is in the IRF, the whole stack 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	Current	As per MIB
hh3cSysCFGFileNum (1.3.6.1.4.1.25506.2.3.1.5.1)	read-only	Current	As per MIB
hh3cSysBtmLoadMaxNumber (1.3.6.1.4.1.25506.2.3.1.6.1.1)	read-only	Yes	As per MIB
hh3cSysSummerTimeEnable (1.3.6.1.4.1.25506.2.3.1.1.2.1)	read-only	Yes	As per MIB
hh3cSysSummerTimeZone (1.3.6.1.4.1.25506.2.3.1.1.2.2)	read-write	Yes	As per MIB
hh3cSysSummerTimeMethod (1.3.6.1.4.1.25506.2.3.1.1.2.3)	read-write	Yes	As per MIB
hh3cSysSummerTimeStart (1.3.6.1.4.1.25506.2.3.1.1.2.4)	read-write	Yes	As per MIB
hh3cSysSummerTimeEnd (1.3.6.1.4.1.25506.2.3.1.1.2.5)	read-write	Yes	As per MIB

hh3cSysSummerTimeOffset (1.3.6.1.4.1.25506.2.3.1.1.2.6)	read-write	Yes	As per MIB
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## 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	As per MIB
hh3cSysCurBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.4)	read-only	No	Not supported
hh3cSysCurUpdateBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.5)	read-only	No	Not supported

## hh3cSysReloadScheduleTable

OID of this table is :1.3.6.1.4.1.25506.2.3.1.3.3

Name	Access	PDS	Description
hh3cSysReloadScheduleIndex (1.3.6.1.4.1.25506.2.3.1.3.3.1.1)	not-accessible	No	As per MIB
hh3cSysReloadEntity (1.3.6.1.4.1.25506.2.3.1.3.3.1.2)	read-create	No	As per MIB
hh3cSysReloadCfgFile (1.3.6.1.4.1.25506.2.3.1.3.3.1.3)	read-create	No	The zero value means no configuration file has been set for this entry, and no configuration file is used during system reloading. In fact, which configuration file will be used during system reloading also depends on the configuration file manage module.
hh3cSysReloadImage (1.3.6.1.4.1.25506.2.3.1.3.3.1.4)	read-create	No	As per MIB
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.

## hh3cSysImageTable

OID of this table is :1.3.6.1.4.1.25506.2.3.1.4.2

Name	Access	PDS	Description
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hh3cSysImageIndex (1.3.6.1.4.1.25506.2.3.1.4.2.1.1)	not-accessible	No	As per MIB
hh3cSysImageName (1.3.6.1.4.1.25506.2.3.1.4.2.1.2)	read-only	Yes	As per MIB
hh3cSysImageSize (1.3.6.1.4.1.25506.2.3.1.4.2.1.3)	read-only	Yes	As per MIB
hh3cSysImageLocation (1.3.6.1.4.1.25506.2.3.1.4.2.1.4)	read-only	Yes	As per MIB
hh3cSysImageType (1.3.6.1.4.1.25506.2.3.1.4.2.1.5)	read-write	Yes	Only support 'main', 'backup', and 'none'. It is forbidden to set 'backup' attribute to the 'main' image directly. The 'main' image file must be set 'none' by setting another new 'main' image, then it can be set to 'backup' attribute.

## hh3cSysCFGFileTable

OID of this table is :1.3.6.1.4.1.25506.2.3.1.5.2

Name	Access	PDS	Description
hh3cSysCFGFileIndex (1.3.6.1.4.1.25506.2.3.1.5.2.1.1)	not-accessible	No	As per MIB
hh3cSysCFGFileName (1.3.6.1.4.1.25506.2.3.1.5.2.1.2)	read-only	Yes	As per MIB
hh3cSysCFGFileSize (1.3.6.1.4.1.25506.2.3.1.5.2.1.3)	read-only	Yes	As per MIB
hh3cSysCFGFileLocation (1.3.6.1.4.1.25506.2.3.1.5.2.1.4)	read-only	Yes	As per MIB

## hh3cSysBtmLoadTable

OID of this table is :1.3.6.1.4.1.25506.2.3.1.6.2

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

### ✧ Terms

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

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

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

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

## ✧ Function

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

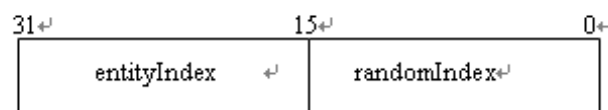
It assumes that the source Bootrom file already exists in the file system of the device before doing operation. On system startup, this table is empty.

## ✧ Notes

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

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

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



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

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

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) If hh3cSysBtmFileName of the instance includes a path, that path must refer to the same device identified by 'entityIndex' part of hh3cSysBtmLoadIndex of the instance. If hh3cSysBtmFileName includes just a filename without a path, the root directory will be used internally.

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

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

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

9) If there is an attempt to remove the instance of which the hh3cSysBtmErrorStatus is 'InProgress', such attempt may fail.

The Boot Rom in BOOT ROM can not 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 switch guideline to make sure that the module supports updating.

## ✧ Examples

Creating a new instance.

A valid Bootrom file named with “flash:/s4e01\_06.btm” 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:/s4e01\_06.btm”

hh3cSysBtmFileType.131073 = ‘main’

hh3cSysBtmRowStatus.131073 = ‘createAndGo’

## HH3C-ENTITY-EXT-MIB

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

### hh3cEntityExtStateTable

OID of this table is :1.3.6.1.4.1.25506.2.6.1.1.1

The information of this MIB depends on the information of the hardware, so As per MIB when filling the value of items.

Name	Access	PDS	Description
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	accessible-for-notify	No	The index of the table, the same as the entPhysicalIndex defined in ENTITY-MIB.
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	read-write	No	notSupported(1) and shuttingDown(3) can not be set
hh3cEntityExtOperStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.3)	read-only	No	Represent the possible values of operational states. A value of disabled means the entity goes wrong, and cannot be operated. A value of enabled means the entity is partially or fully operable.
hh3cEntityExtStandbyStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.4)	read-only	No	As per MIB
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	read-only	No	Not supported
hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6)	read-only	No	As per MIB
hh3cEntityExtCpuUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7)	read-write	No	As per MIB
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8)	read-only	No	As per MIB
hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9)	read-write	No	As per MIB
hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10)	read-only	No	As per MIB
hh3cEntityExtUpTime (1.3.6.1.4.1.25506.2.6.1.1.1.1.11)	read-only	No	As per MIB
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	read-only	No	The invalid value is 65535.
hh3cEntityExtTemperatureThreshold	read-write	No	As per MIB



(1.3.6.1.4.1.25506.2.6.1.1.1.1.13)			
hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14)	read-only	No	Not supported
hh3cEntityExtVoltageLowThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.15)	read-write	No	Not supported
hh3cEntityExtVoltageHighThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.16)	read-write	No	Not supported
hh3cEntityExtCriticalTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.17)	read-write	No	Yes
hh3cEntityExtMacAddress (1.3.6.1.4.1.25506.2.6.1.1.1.1.18)	read-only	No	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

## 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	Yes	As per MIB
hh3cEntityExtManuSerialNum (1.3.6.1.4.1.25506.2.6.1.2.1.1.2)	read-only	Yes	As per MIB
hh3cEntityExtManuBuildInfo (1.3.6.1.4.1.25506.2.6.1.2.1.1.3)	read-only	Yes	As per MIB
hh3cEntityExtManuBOM (1.3.6.1.4.1.25506.2.6.1.2.1.1.4)	read-only	Yes	As per MIB
hh3cEntityExtMacAddressCount (1.3.6.1.4.1.25506.2.6.1.2.1.1.5)	read-only	Yes	As per MIB

## hh3cEntityExtPowerTable

OID of this table is :1.3.6.1.4.1.25506.2.6.1.3.1

Name	Access	PDS	Description
hh3cEntityExtPowerPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.3.1.1.1)	accessible-for-notify	Yes	As per MIB
hh3cEntityExtNominalPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.2)	read-only	Yes	As per MIB
hh3cEntityExtCurrentPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.3)	read-only	Yes	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

# 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	Yes	As per MIB
hh3cProcessName (1.3.6.1.4.1.25506.2.6.1.4.1.1.2)	read-only	Yes	As per MIB
hh3cProcessUtil5Min (1.3.6.1.4.1.25506.2.6.1.4.1.1.3)	read-only	Yes	As per MIB

## Relationship between entity and extend property

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

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

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

entity	hh3cEntityExtAlarmLight (R)
chassis	No

backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	No
port	No
stack	No
other	No
unknown	No

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

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

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

entity	hh3cEntityExtMemUsageThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No

module	Yes(Only support the Module Level1)
port	No
stack	No
other	No
unknown	No

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

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

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

entity	hh3cEntityExtTemperatureThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	Yes
fan	Yes
sensor	No
module	Yes
port	No
stack	No
other	Yes
unknown	No

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

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

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

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

entity	hh3cEntityExtMacAddressCount (R)
chassis	Yes
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes

port	Yes
cpu	No

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

Entity (R/W: read/write)	POWER SUPPLY	FAN	CHAS SIS	CONT AINER	MODU LE	PORT	CPU
hh3cEntityExtAdmin Status (R/W)						Yes	
hh3cEntityExtOperS tatus (R)	Yes	Yes			Yes	Yes	
hh3cEntityExtStand byStatus (R)		Yes			Yes		
hh3cEntityExtAlarm Light (R)							
hh3cEntityExtCpuU sage (R)					Yes		
hh3cEntityExtCpuU sageThreshold (R/W)					Yes		
hh3cEntityExtMem Usage (R)					Yes		
hh3cEntityExtMem UsageThreshold(R/ W)					Yes		
hh3cEntityExtMemS ize (R)					Yes		
hh3cEntityExtUpTi me (R)			Yes				
hh3cEntityExtTemp erature (R)	Yes	Yes			Yes		
hh3cEntityExtTemp eratureThreshold (R/W)	Yes	Yes			Yes		
hh3cEntityExtMacA ddress			Yes				
hh3cEntityExtErrorS tatus	Yes	Yes		Yes		Yes	Yes

**Table 2 Explain the table:**

1. "Yes" means the property of that entity is implemented. Others are not supported.
2. If the result of the operation is "no such name/instance", then this MIB object is not to be supported for the specific entity.

# HH3C-IF-EXT-MIB

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

## Scalar Objects

This MIB has no scalar object.

## 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	Only support read operation.
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

## HH3C-IP-ADDRESS-MIB

## hh3clpAddrNotifyScalarObjects

OID of this table is :1.3.6.1.4.1.25506.2.67.2.1

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

## hh3clpAddrSetTable

OID of this table is :1.3.6.1.4.1.25506.2.67.1.1.1

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

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	Only Loopback interface supports 32-bit mask and only 32-bit mask is supported on Loopback interface, the mask input which isn't 32-bit will be converted to 32-bit.
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.

## 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

## HH3C-IP-BROADCAST-MIB

This MIB is used to set whether a device receives direct broadcast datagram.

## hh3clpBroadcast

OID of this table is :1.3.6.1.4.1.25506.2.33

Name	Access	PDS	Description
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hh3clpBdstForwardBroadcast (1.3.6.1.4.1.25506.2.33.1.1)	read-write	No	Not supported
hh3clpReceiveBroadcast (1.3.6.1.4.1.25506.2.33.1.2)	read-write	Current	The value of this node decide whether a device receives direct broadcast datagrams or not

## HH3C-IPV6-ADDRESS-MIB

### hh3clpv6AddrSetTable

OID of this table is :1.3.6.1.4.1.25506.2.71.1.1.1

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

Name	Access	PDS	Description
hh3clpv6AddrSetIfIndex (1.3.6.1.4.1.25506.2.71.1.1.1.1)	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', only Loopback interface supports 128; the length of the prefix input which is less than 128 will be converted to 128. 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.

### hh3clpv6AddrReadTable

OID of this table is :1.3.6.1.4.1.25506.2.71.1.1.2

Name	Access	PDS	Description
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, assignedautoIp and autoIp.
hh3clpv6AddrReadCatalog	read-only	Current	As per MIB

(1.3.6.1.4.1.25506.2.71.1.1.2.1.6)			
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# HH3C-MIRRORGROUP-MIB

## hh3cMGTable

OID of this table is :1.3.6.1.4.1.25506.2.68.1.1.1

Name	Access	PDS	Description
hh3cMGID (1.3.6.1.4.1.25506.2.68.1.1.1.1.1)	not-accessible	Current	The range is different for different product.
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	Support three status: createAndGo, active, destroy. CreateAndGo operation only support Multiple Variable Bindings with hh3cMGType.

## 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	Support three status: createAndGo, active, destroy

## 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	Support three status: createAndGo, active, destroy

## hh3cMGReflectorIfTable

OID of this table is :1.3.6.1.4.1.25506.2.68.1.4.1

This table is not supported by 6502.

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	read-create	Current	Support three status:

(1.3.6.1.4.1.25506.2.68.1.4.1.1.2)			createAndGo, active, destroy
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## 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	Support three status: createAndGo, active, destroy

## HH3C-MPM-MIB

### Scalar Objects

Name	Access	PDS	Description
hh3cMPortGroupLimitMinNumber (1.3.6.1.4.1.25506.2.51.1.1)	read-only	Current	As per MIB
hh3cMPortGroupLimitMaxNumber (1.3.6.1.4.1.25506.2.51.1.2)	read-only	Current	As per MIB

## hh3cMPortGroupJoinTable

OID of this table is :1.3.6.1.4.1.25506.2.51.2.1

The hh3cMPortGroupJoinTable is used to configure a port in a specified VLAN to join a multicast group.

Name	Access	PDS	Description
hh3cMPortGroupJoinVlanID (1.3.6.1.4.1.25506.2.51.2.1.1.1)	not-accessible	Current	As per MIB
hh3cMPortGroupJoinAddressType (1.3.6.1.4.1.25506.2.51.2.1.1.2)	not-accessible	Current	As per MIB
hh3cMPortGroupJoinAddress (1.3.6.1.4.1.25506.2.51.2.1.1.3)	not-accessible	Current	As per MIB
hh3cMPortGroupJoinStatus (1.3.6.1.4.1.25506.2.51.2.1.1.4)	read-create	Current	As per MIB

## hh3cMPortGroupTable

OID of this table is :1.3.6.1.4.1.25506.2.51.2.2

The hh3cMPortGroupTable containing information about status of a port which join in a multicast group in the VLAN.

Name	Access	PDS	Description
hh3cMPortGroupVlanID (1.3.6.1.4.1.25506.2.51.2.2.1.1)	not-accessible	Current	As per MIB
hh3cMPortGroupAddressType (1.3.6.1.4.1.25506.2.51.2.2.1.2)	read-only	Current	As per MIB
hh3cMPortGroupAddress (1.3.6.1.4.1.25506.2.51.2.2.1.3)	read-only	Current	As per MIB

# hh3cMPortConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.51.2.3

The hh3cMPortConfigTable containing configuration about fast leave status, group limit number and group policy parameter on a port in the specified VLAN.

Name	Access	PDS	Description
hh3cMPortConfigVlanID (1.3.6.1.4.1.25506.2.51.2.3.1.1)	not-accessible	Current	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	Current	As per MIB
hh3cMPortGroupLimitReplace (1.3.6.1.4.1.25506.2.51.2.3.1.6)	read-create	Current	As per MIB

## HH3C-NQA-MIB

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

### Scalar objects

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

## hh3cNqaCtlTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.2

- 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 hh3cNqaCtlVPNInstance
pingUdpEcho hh3cNqaUdpEcho	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL
pingSnmpQuery	hh3cNqaCtlSourcePort hh3cNqaCtlTTL
pingTcpConnectionAttempt hh3cNqaTcpconnect	hh3cNqaCtlTargetPort hh3cNqaCtlTTL
hh3cNqajitter ( for udp-jitter test )  hh3cNqaCtlCodecType is defined as notDefined(1)	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL  hh3cNqaCtlJitterAdminInterval hh3cNqaCtlJitterAdminNumPackets hh3cNqaCtlCodecType
hh3cNqajitter ( for voice test )  hh3cNqaCtlCodecType is defined as g711Alaw(2)、g711Ulaw(3) or g729A(4)	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL  hh3cNqaCtlJitterAdminInterval hh3cNqaCtlJitterAdminNumPackets hh3cNqaCtlICPIFAdvFactor hh3cNqaCtlCodecType
hh3cNqaHttp	hh3cNqaCtlTTL hh3cNqaCtlHttpOperationType hh3cNqaCtlHttpOperationString
hh3cNqadlsw	hh3cNqaCtlTTL
hh3cNqadhcp	
hh3cNqaftp	hh3cNqaCtlTTL hh3cNqaCtlFtpOperationType hh3cNqaCtlFtpUsername

	hh3cNqaCtlFtpPassword
	hh3cNqaCtlFtpOperationString

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 50000
hh3cNqaCtlTTL (1.3.6.1.4.1.25506.8.3.1.2.1.3)	read-create	Current	Range from 1 to 255
hh3cNqaCtlJitterAdminInterval (1.3.6.1.4.1.25506.8.3.1.2.1.4)	read-create	Current	Range from 10 to 60000
hh3cNqaCtlJitterAdminNumPackets (1.3.6.1.4.1.25506.8.3.1.2.1.5)	read-create	Current	When doing UDP-jitter test,the range is from 10 to 1000,and the default value is 10, When doing voice test,the range is from 10 to 60000,and the default value is 1000. Only voice test and UDP-jitter test is supported ,the default vaule of other test is 10.
hh3cNqaCtlHttpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.6)	read-create	Current	As per MIB.
hh3cNqaCtlHttpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.7)	read-create	Current	This object include two parts, the first part is url and the second one is http version. The length of url is from 0 to 185 . The version only supports "HTTP/1.0"(case- insensitive). The value of this object must have one space and only one space. The space is the separator of url and version. If the value of this object is zero-length string, the url and version are set to default value.
hh3cNqaCtlFtpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.8)	read-create	Current	As per MIB
hh3cNqaCtlFtpUsername (1.3.6.1.4.1.25506.8.3.1.2.1.9)	read-create	Current	As per MIB.
hh3cNqaCtlFtpPassword (1.3.6.1.4.1.25506.8.3.1.2.1.10)	read-create	Current	As per MIB.
hh3cNqaCtlFtpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.11)	read-create	Current	The length of this object is from 0 to 200
hh3cNqaCtlVPNInstance (1.3.6.1.4.1.25506.8.3.1.2.1.12)	read-create	Current	The length of this object is from 0 to 31. If the product does not support VPN feature, this object cannot be set.
hh3cNqaCtlHistoryKeptTime (1.3.6.1.4.1.25506.8.3.1.2.1.13)	read-create	Current	Not supported
hh3cNqaCtlHistoryEnable (1.3.6.1.4.1.25506.8.3.1.2.1.14)	read-create	Current	Not supported
hh3cNqaCtlIICPIFAdvFactor	read-create	Current	Range from 0 to 20

(1.3.6.1.4.1.25506.8.3.1.2.1.15)			
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>

## hh3cNqaResultsTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.3

Name	Access	PDS	Description
hh3cNqaResultsRttNumDisconnections (1.3.6.1.4.1.25506.8.3.1.3.1.1)	read-only	No	As per MIB.
hh3cNqaResultsRttTimeouts (1.3.6.1.4.1.25506.8.3.1.3.1.2)	read-only	No	As per MIB.
hh3cNqaResultsRttBusies (1.3.6.1.4.1.25506.8.3.1.3.1.3)	read-only	No	Not supported
hh3cNqaResultsRttNoConnections (1.3.6.1.4.1.25506.8.3.1.3.1.4)	read-only	No	As per MIB.
hh3cNqaResultsRttDrops (1.3.6.1.4.1.25506.8.3.1.3.1.5)	read-only	No	As per MIB.
hh3cNqaResultsRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.3.1.6)	read-only	No	As per MIB.
hh3cNqaResultsRttStatsErrors (1.3.6.1.4.1.25506.8.3.1.3.1.7)	read-only	No	As per MIB.
hh3cNqaResultsMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.8)	read-only	No	As per MIB
hh3cNqaResultsMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.9)	read-only	No	As per MIB
hh3cNqaResultsLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.3.1.10)	read-only	No	The value of this object reflects the drop rate of all kinds of tests included in DISMAN-PING-MIB MIB and HH3C-NQA-MIB MIB.
hh3cNqaResultsPacketLateArrival (1.3.6.1.4.1.25506.8.3.1.3.1.11)	read-only	No	As per MIB
hh3cNqaResultsRttSum (1.3.6.1.4.1.25506.8.3.1.3.1.12)	read-only	No	As per MIB

hh3cNqaResultsNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.13)	read-only	No	As per MIB
hh3cNqaResultsMinDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.14)	read-only	No	As per MIB
hh3cNqaResultsSumDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.15)	read-only	No	As per MIB
hh3cNqaResultsSum2DelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.16)	read-only	No	As per MIB
hh3cNqaResultsNumOfDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.17)	read-only	No	As per MIB
hh3cNqaResultsMinDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.18)	read-only	No	As per MIB
hh3cNqaResultsSumDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.19)	read-only	No	As per MIB
hh3cNqaResultsSum2DelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.20)	read-only	No	As per MIB

## hh3cNqaJitterStatsTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.4

Name	Access	PDS	Description
hh3cNqaJitterStatsNumOfRTT (1.3.6.1.4.1.25506.8.3.1.4.1.1)	read-only	No	As per MIB.
hh3cNqaJitterStatsMinOfPositives SD (1.3.6.1.4.1.25506.8.3.1.4.1.2)	read-only	No	As per MIB.
hh3cNqaJitterStatsMaxOfPositives SD (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	read-only	No	As per MIB.



(1.3.6.1.4.1.25506.8.3.1.4.1.14)			
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 (1.3.6.1.4.1.25506.8.3.1.4.1.21)	read-only	No	As per MIB.
hh3cNqaJitterStatsPacketLossSD (1.3.6.1.4.1.25506.8.3.1.4.1.22)	read-only	No	As per MIB.
hh3cNqaJitterStatsPacketLossDS (1.3.6.1.4.1.25506.8.3.1.4.1.23)	read-only	No	As per MIB.
hh3cNqaJitterStatsAvePositivesS D (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).
hh3cNqaJitterStatsAveNegativesS D (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).
hh3cNqaJitterStatsAvePositivesD S (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).
hh3cNqaJitterStatsAveNegativesD S (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.

## 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 50000
hh3cNqaTcpServerRowStatus (1.3.6.1.4.1.25506.8.3.1.6.1.3)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)

## hh3cNqaUdpServerTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.7

Name	Access	PDS	Description
hh3cNqaUdpServerIpAddress (1.3.6.1.4.1.25506.8.3.1.7.1.1)	not-accessible	Current	Only support ipv4 address.
hh3cNqaUdpServerPort (1.3.6.1.4.1.25506.8.3.1.7.1.2)	not-accessible	Current	Range from 1 to 50000
hh3cNqaUdpServerRowStatus (1.3.6.1.4.1.25506.8.3.1.7.1.3)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)

## hh3cNqaStatisticsCtlTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.10

Name	Access	PDS	Description
hh3cNqaCtlStatisticsInterval (1.3.6.1.4.1.25506.8.3.1.10.1.1)	read-create	Current	For DHCP test, this object is not supported. 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	For DHCP test, this object is not supported. 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	For DHCP test, this object is not supported. Range from 1 to 1440(in minutes), default value is 120.
hh3cNqaCtlBeginTime (1.3.6.1.4.1.25506.8.3.1.10.1.4)	read-create	Current	Time format must be abided. The year is range from 2000 to 2035.
hh3cNqaCtlLifeTime (1.3.6.1.4.1.25506.8.3.1.10.1.5)	read-create	Current	Range from 1 to 2147483647 (in seconds), The value of 4294967295 means the test will never stop.

## hh3cNqaStatisticsResultsTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.11

Name	Access	PDS	Description
hh3cNqaStatResIndex (1.3.6.1.4.1.25506.8.3.1.11.1.1)	not-accessible	No	As per MIB
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
hh3cNqaStatResRttSumOfSquares (1.3.6.1.4.1.25506.8.3.1.11.1.9)	read-only	No	As per MIB
hh3cNqaStatResStartTime (1.3.6.1.4.1.25506.8.3.1.11.1.10)	read-only	No	As per MIB
hh3cNqaStatResInterval (1.3.6.1.4.1.25506.8.3.1.11.1.11)	read-only	No	As per MIB
hh3cNqaStatResRttNumDisconnections (1.3.6.1.4.1.25506.8.3.1.11.1.12)	read-only	No	As per MIB
hh3cNqaStatResRttTimeouts (1.3.6.1.4.1.25506.8.3.1.11.1.13)	read-only	No	As per MIB
hh3cNqaStatResRttBusies (1.3.6.1.4.1.25506.8.3.1.11.1.14)	read-only	No	As per MIB
hh3cNqaStatResRttNoConnections (1.3.6.1.4.1.25506.8.3.1.11.1.15)	read-only	No	As per MIB
hh3cNqaStatResRttDrops (1.3.6.1.4.1.25506.8.3.1.11.1.16)	read-only	No	As per MIB
hh3cNqaStatResRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.11.1.17)	read-only	No	As per MIB
hh3cNqaStatResRttErrors (1.3.6.1.4.1.25506.8.3.1.11.1.18)	read-only	No	As per MIB
hh3cNqaStatResLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.11.1.19)	read-only	No	As per MIB
hh3cNqaStatResPacketLateArrival (1.3.6.1.4.1.25506.8.3.1.11.1.20)	read-only	No	As per MIB

hh3cNqaStatResRttSum (1.3.6.1.4.1.25506.8.3.1.11.1.21)	read-only	No	As per MIB
hh3cNqaStatResNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.22)	read-only	No	As per MIB
hh3cNqaStatResMinDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.23)	read-only	No	As per MIB
hh3cNqaStatResMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.24)	read-only	No	As per MIB
hh3cNqaStatResSumDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.25)	read-only	No	As per MIB
hh3cNqaStatResSum2DelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.26)	read-only	No	As per MIB
hh3cNqaStatResNumOfDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.27)	read-only	No	As per MIB
hh3cNqaStatResMinDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.28)	read-only	No	As per MIB
hh3cNqaStatResMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.29)	read-only	No	As per MIB
hh3cNqaStatResSumDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.30)	read-only	No	As per MIB
hh3cNqaStatResSum2DelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.31)	read-only	No	As per MIB

## hh3cNqaGroupStatsJitterTable

OID of this table is :1.3.6.1.4.1.25506.8.3.1.12

Name	Access	PDS	Description
hh3cNqaStatJitterIndex (1.3.6.1.4.1.25506.8.3.1.12.1.1)	not-accessible	No	As per MIB
hh3cNqaStatJitterMinOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.2)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.3)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.4)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.5)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquarePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.6)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.7)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.8)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.9)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.10)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquareNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.11)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.12)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.13)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.14)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfPosDS	read-only	No	As per MIB

(1.3.6.1.4.1.25506.8.3.1.12.1.15)			
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
hh3cNqaStatJitterMaxOfCPIF (1.3.6.1.4.1.25506.8.3.1.12.1.29)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMinOfCPIF (1.3.6.1.4.1.25506.8.3.1.12.1.30)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMaxOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.31)	read-only	No	Only voice test is supported ,the value of this object is 100 times of the actual value
hh3cNqaStatJitterMinOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.32)	read-only	No	Only voice test is supported ,the value of this object is 100 times of the actual value

## hh3cNqaReactionTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.13

Name	Access	PDS	Description
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	accessible -for -not -if		As per MIB
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	accessible -for		As per MIB

3.1.13.1.2)	-not ify		
hh3cNqaReactItemIn dex (1.3.6.1.4.1.25506.8. 3.1.13.1.3)	acc ess ible -for -not ify		As per MIB
hh3cNqaReactCheck edElement (1.3.6.1.4.1.25506.8. 3.1.13.1.4)	rea d-cr eat e		As per MIB
hh3cNqaReactThres holdUpperLimit (1.3.6.1.4.1.25506.8. 3.1.13.1.5)	rea d-cr eat e		<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", "jittertt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>
hh3cNqaReactThres holdLowerLimit (1.3.6.1.4.1.25506.8. 3.1.13.1.6)	rea d-cr eat e		<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</p>

			<p>"mos".</p> <p>Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jittertt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)</p>	<p>read-create</p>		<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 hh3cNqaReactChe</p>

			<p>ckedElement is "jitterrtt".</p> <p>The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactThreshholdConsecNum (1.3.6.1.4.1.25506.8.3.1.13.1.8)</p>	read-create		<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>
<p>hh3cNqaReactThreshholdAccumNum (1.3.6.1.4.1.25506.8.3.1.13.1.9)</p>	read-create		<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</p>



			<p>"probefailure".</p> <p>The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactActionType (1.3.6.1.4.1.25506.8.3.1.13.1.10)</p>	read-create		<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", "triggerOnly" or "trapAndTrigger" when the value of hh3cNqaReactCheckedElement is "probefailure".</p> <p>The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)</p>	read-only		As per MIB
<p>hh3cNqaReactRowStatus (1.3.6.1.4.1.25506.8.3.1.13.1.12)</p>	read-create		As per MIB
<p>hh3cNqaReactCheckedNum (1.3.6.1.4.1.25506.8.3.1.13.1.13)</p>	read-only		As per MIB
<p>hh3cNqaReactThresholdNum (1.3.6.1.4.1.25506.8.3.1.13.1.14)</p>	read-only		As per MIB

## hh3cNqaStatisticsReactionTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.14

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

# HH3C-PORT-SECURITY-MIB

## Scalar Objects

Name	Access	PDS	Description
hh3cSecurePortSecurityControl (1.3.6.1.4.1.25506.2.26.1.1.1)	read-write	current	Not Supported
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	accessible-for-notify	No	As per MIB

## 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	<p>When hh3cSecureRalmAuthMode value is set to papUsernameAsMacAddress(1), hh3cSecureRalmAuthUsername and hh3cSecureRalmAuthPassword are both changed to default values.</p> <p>When hh3cSecureRalmAuthMode value is set to papUsernameFixed(2), hh3cSecureRalmAuthUsername and hh3cSecureRalmAuthPassword keep their values unchanged.</p>

hh3cSecureRalmAuthUsername (1.3.6.1.4.1.25506.2.26.1.1.4.5)	read-write	current	As per MIB
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. Changed the value returned by the following MIBs from a plaintext or ciphertext password to empty or "*****"
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	As per MIB
hh3cSecureMacControl (1.3.6.1.4.1.25506.2.26.1.1.4.10)	read-write	current	As per MIB

## 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	There are 256 rules allowed to be bound to a port, and the max value of hh3cSecureBindingIndex is 2048.
hh3cSecureBindingPort (1.3.6.1.4.1.25506.2.26.1.2.4.1.2)	read-create	Current	As per MIB
hh3cSecureBindingAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.4.1.3)	read-create	Current	As per MIB
hh3cSecureBindingAddrIrp (1.3.6.1.4.1.25506.2.26.1.2.4.1.4)	read-create	Current	As per MIB
hh3cSecureBindingRowStatus (1.3.6.1.4.1.25506.2.26.1.2.4.1.5)	read-create	Current	As per MIB

## HH3C-POWER-ETH-EXT-MIB

### Scalar Objects

Name	Access	PDS	Description
hh3cPseAutoDetectActive (1.3.6.1.4.1.25506.2.14.3)	read-write	Current	Not supported
hh3cPsePowerMaxValue (1.3.6.1.4.1.25506.2.14.5)	read-write	Current	As per MIB
hh3cPOEThresholdACMinimum (1.3.6.1.4.1.25506.2.14.8.1.1)	read-write	Current	As per MIB
hh3cPOEThresholdACMaximum (1.3.6.1.4.1.25506.2.14.8.1.2)	read-write	Current	As per MIB

hh3cPOEThresholdDCMinimum (1.3.6.1.4.1.25506.2.14.8.1.3)	read-write	Current	As per MIB
hh3cPOEThresholdDCMaximum (1.3.6.1.4.1.25506.2.14.8.1.4)	read-write	Current	As per MIB
hh3cPOEPowerType (1.3.6.1.4.1.25506.2.14.8.2.1)	read-only	No	As per MIB
hh3cPOEPowerModuleNum (1.3.6.1.4.1.25506.2.14.8.2.2)	read-only	No	As per MIB
hh3cPOESupervisionModuleName (1.3.6.1.4.1.25506.2.14.8.2.3)	read-only	No	As per MIB
hh3cPOESMMajorVersion (1.3.6.1.4.1.25506.2.14.8.2.4)	read-only	No	As per MIB
hh3cPOESMMinorVersion (1.3.6.1.4.1.25506.2.14.8.2.5)	read-only	No	As per MIB
hh3cPOESMFactorName (1.3.6.1.4.1.25506.2.14.8.2.6)	read-only	No	As per MIB
hh3cPOEDCOutStateModuleNum (1.3.6.1.4.1.25506.2.14.8.3.1)	read-only	No	As per MIB
hh3cPOEDCOutCurNum (1.3.6.1.4.1.25506.2.14.8.4.1)	read-only	No	As per MIB
hh3cPOEACSwitchStateModuleNum (1.3.6.1.4.1.25506.2.14.8.5.1)	read-only	No	As per MIB
hh3cPOEInCurStateModuleNum (1.3.6.1.4.1.25506.2.14.8.6.1)	read-only	No	As per MIB
hh3cPOEInCurAState (1.3.6.1.4.1.25506.2.14.8.6.2)	read-only	No	As per MIB
hh3cPOEInCurBState (1.3.6.1.4.1.25506.2.14.8.6.3)	read-only	No	As per MIB
hh3cPOEInCurCState (1.3.6.1.4.1.25506.2.14.8.6.4)	read-only	No	As per MIB
hh3cPOEAlarmStateModuleNum (1.3.6.1.4.1.25506.2.14.8.7.1)	read-only	No	As per MIB
hh3cPsePolicyMode (1.3.6.1.4.1.25506.2.14.9)	read-write	Current	As per MIB
hh3cPDPolicyMode (1.3.6.1.4.1.25506.2.14.10)	read-write	Current	As per MIB

## hh3cPsePortTable

OID of this table is :1.3.6.1.4.1.25506.2.14.1

Name	Access	PDS	Description
hh3cPsePortFaultDescription (1.3.6.1.4.1.25506.2.14.1.1.2)	read-write	No	As per MIB
hh3cPsePortPeakPower (1.3.6.1.4.1.25506.2.14.1.1.3)	read-write	No	As per MIB
hh3cPsePortAveragePower (1.3.6.1.4.1.25506.2.14.1.1.4)	read-write	No	As per MIB
hh3cPsePortCurrentPower (1.3.6.1.4.1.25506.2.14.1.1.5)	read-only	No	As per MIB
hh3cPsePortPowerLimit (1.3.6.1.4.1.25506.2.14.1.1.6)	read-write	Current	As per MIB
hh3cPsePortProfileIndex (1.3.6.1.4.1.25506.2.14.1.1.7)	read-write	Current	As per MIB

# hh3cMainPseTable

OID of this table is :1.3.6.1.4.1.25506.2.14.2

Name	Access	PDS	Description
hh3cMainPsePowerLimit (1.3.6.1.4.1.25506.2.14.2.1.1)	read-write	Current	As per MIB
hh3cMainPseAveragePower (1.3.6.1.4.1.25506.2.14.2.1.2)	read-write	No	As per MIB
hh3cMainPsePeakPower (1.3.6.1.4.1.25506.2.14.2.1.3)	read-write	No	As per MIB
hh3cMainGuaranteedPowerRemain ing (1.3.6.1.4.1.25506.2.14.2.1.4)	read-only	No	As per MIB
hh3cMainPsePriorityMode (1.3.6.1.4.1.25506.2.14.2.1.5)	read-write	Current	Not supported
hh3cMainPseLegacy (1.3.6.1.4.1.25506.2.14.2.1.6)	read-write	Current	As per MIB
hh3cMainPsePowerPriority (1.3.6.1.4.1.25506.2.14.2.1.7)	read-write	Current	As per MIB

# hh3cPseProfilesTable

OID of this table is :1.3.6.1.4.1.25506.2.14.7

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

# hh3cPOEModuleInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.2.7

Name	Access	PDS	Description
hh3cPOEModuleIndex (1.3.6.1.4.1.25506.2.14.8.2.7.1.1)	accessible-for-notify	No	As per MIB
hh3cPOEModuleID (1.3.6.1.4.1.25506.2.14.8.2.7.1.2)	read-only	No	As per MIB
hh3cPOEModuleInfoPower (1.3.6.1.4.1.25506.2.14.8.2.7.1.3)	read-only	No	As per MIB
hh3cPOEModuleHardVerInfo (1.3.6.1.4.1.25506.2.14.8.2.7.1.4)	read-only	No	As per MIB

## hh3cPOEDCOutStateTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.3.2

Name	Access	PDS	Description
hh3cPOEDCOutStateIndex (1.3.6.1.4.1.25506.2.14.8.3.2.1.1)	accessible-for-notify	No	As per MIB
hh3cPOEDCOutDCVolAlarm (1.3.6.1.4.1.25506.2.14.8.3.2.1.2)	read-only	No	As per MIB

## hh3cPOEDCOutInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.4.2

Name	Access	PDS	Description
hh3cPOEDCOutInfoIndex (1.3.6.1.4.1.25506.2.14.8.4.2.1.1)	accessible-for-notify	No	As per MIB
hh3cPOEDCOutVol (1.3.6.1.4.1.25506.2.14.8.4.2.1.2)	read-only	No	As per MIB
hh3cPOEDCOutInfoLoadCur (1.3.6.1.4.1.25506.2.14.8.4.2.1.3)	read-only	No	As per MIB

## hh3cPOEACSwitchStateTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.5.2

Name	Access	PDS	Description
hh3cPOEACSwitchStateIndex (1.3.6.1.4.1.25506.2.14.8.5.2.1.1)	accessible-for-notify	No	As per MIB
hh3cPOEACSwitchState (1.3.6.1.4.1.25506.2.14.8.5.2.1.2)	read-only	No	As per MIB

## hh3cPOESwitchStateVolExTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.6.5

Name	Access	PDS	Description
hh3cPOESwitchStateVolExIndex (1.3.6.1.4.1.25506.2.14.8.6.5.1.1)	accessible-for-notify	No	As per MIB
hh3cPOESwitchStateInVolAB (1.3.6.1.4.1.25506.2.14.8.6.5.1.2)	read-only	No	As per MIB
hh3cPOESwitchStateInVolBC (1.3.6.1.4.1.25506.2.14.8.6.5.1.3)	read-only	No	As per MIB
hh3cPOESwitchStateInVolCA (1.3.6.1.4.1.25506.2.14.8.6.5.1.4)	read-only	No	As per MIB

## hh3cPOEAlarmStateInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.14.8.7.2

Name	Access	PDS	Description
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hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	accessible-for-notify	No	As per MIB
hh3cPOEModuleDisconnect (1.3.6.1.4.1.25506.2.14.8.7.2.1.2)	read-only	No	As per MIB
hh3cPOEModuleInputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.3)	read-only	No	As per MIB
hh3cPOEModuleOutputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.4)	read-only	No	As per MIB
hh3cPOEModuleOverVoltage (1.3.6.1.4.1.25506.2.14.8.7.2.1.5)	read-only	No	As per MIB
hh3cPOEModuleOverTemp (1.3.6.1.4.1.25506.2.14.8.7.2.1.6)	read-only	No	As per MIB
hh3cPOEModuleFanError (1.3.6.1.4.1.25506.2.14.8.7.2.1.7)	read-only	No	As per MIB
hh3cPOEModuleShutdown (1.3.6.1.4.1.25506.2.14.8.7.2.1.8)	read-only	No	As per MIB
hh3cPOEModuleCurRestricted (1.3.6.1.4.1.25506.2.14.8.7.2.1.9)	read-only	No	As per MIB

## HH3C-QINQ-MIB

A QINQ MIB, includes configuration of IEEE802.1Q-in-Q tunnel related functions.

### Scalar Objdecs

Name	Access	PDS	Description
hh3cQinQBpduTunnelSwitch (1.3.6.1.4.1.25506.2.69.1.1.1)	read-write	Current	Not supported
hh3cQinQEthernetTypeValue (1.3.6.1.4.1.25506.2.69.1.1.2)	read-write	Current	As per MIB
hh3cQinQServiceTPIDValue (1.3.6.1.4.1.25506.2.69.1.1.3)	read-write	Current	Not supported
hh3cQinQCustomerTPIDValue (1.3.6.1.4.1.25506.2.69.1.1.4)	read-write	Current	As per MIB

### hh3cQinQBpduTunnelTable

OID of this table is :1.3.6.1.4.1.25506.2.69.1.2

Name	Access	PDS	Description
hh3cQinQProtocolIndex (1.3.6.1.4.1.25506.2.69.1.2.1.1)	not-accessible	Current	Only support stp(2)
hh3cQinQBpduRowStatus (1.3.6.1.4.1.25506.2.69.1.2.1.2)	read-create	Current	Active, createAndGo and Destroy operation support only

### hh3cQinQIfConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.69.1.7

Name	Access	PDS	Description
hh3cQinQIfEthernetType (1.3.6.1.4.1.25506.2.69.1.7.1.1)	read-create	Current	Not supported.
hh3cQinQIfSwitch	read-create	Current	As per MIB

(1.3.6.1.4.1.25506.2.69.1.7.1.2)			
hh3cQinQlIfRowStatus (1.3.6.1.4.1.25506.2.69.1.7.1.3)	read-create	Current	Active, createAndGo and Destroy operation support only
hh3cQinQlIfServiceTPIDValue (1.3.6.1.4.1.25506.2.69.1.7.1.4)	read-create	Current	As per MIB
hh3cQinQlIfCustomerTPIDValue (1.3.6.1.4.1.25506.2.69.1.7.1.5)	read-create	Current	Not supported
hh3cQinQlIfUplinkSwitch (1.3.6.1.4.1.25506.2.69.1.7.1.6)	read-create	Current	As per MIB
hh3cQinQlIfDownlinkSwitch (1.3.6.1.4.1.25506.2.69.1.7.1.7)	read-create	Current	As per MIB

## HH3C-QOS-CAPABILITY-MIB

### hh3cQoSCapabilityTable

OID of this table is :1.3.6.1.4.1.25506.7.1.1.1.1

Name	Access	PDS	Description
hh3cQoSCapabilityPhysicalType (1.3.6.1.4.1.25506.7.1.1.1.1.1.1)	not-accessible	Yes	As per MIB
hh3cQoSCapabilityPhysicalIndex (1.3.6.1.4.1.25506.7.1.1.1.1.1.2)	not-accessible	Yes	As per MIB
hh3cQoSModuleIndex (1.3.6.1.4.1.25506.7.1.1.1.1.1.3)	not-accessible	Yes	As per MIB
hh3cQoSCharacteristicsIndex (1.3.6.1.4.1.25506.7.1.1.1.1.1.4)	not-accessible	Yes	As per MIB
hh3cQoSCharacteristicsValue (1.3.6.1.4.1.25506.7.1.1.1.1.1.5)	read-only	Yes	As per MIB

## HH3C-RRPP-MIB

### Scalar Objects

Name	Access	PDS	Description
hh3cRrppEnableStatus (1.3.6.1.4.1.25506.2.45.1.1)	read-write	Current	As per MIB
hh3cRrppPassword (1.3.6.1.4.1.25506.2.45.1.2)	read-write	No	Not supported
hh3cRrppPasswordType (1.3.6.1.4.1.25506.2.45.1.3)	read-write	No	Not supported
hh3cRrppProtectVlanConfigMode (1.3.6.1.4.1.25506.2.45.1.4)	read-only	Yes	As per MIB

### hh3cRrppDomainTable

OID of this table is :1.3.6.1.4.1.25506.2.45.2.1

Name	Access	PDS	Description
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hh3cRppDomainID (1.3.6.1.4.1.25506.2.45.2.1.1.1)	accessible-for-notify	Current	As per MIB
hh3cRppDomainControlVlanID (1.3.6.1.4.1.25506.2.45.2.1.1.2)	read-create	Current	<p>1. The value to be configured of this object represents the major-VLAN ID and ranges from 2 to 4093. Sub-VLAN ID is automatically set to the major-VLAN ID plus 1.</p> <p>2. When a GET operation is performed, 65535 indicates that the control VLAN has not been configured; When a SET operation is performed, 65535 indicates that the control VLAN will be deleted.</p> <p>3. If any ring in this domain has not configured, the control VLAN can be modified or deleted.</p> <p>4. The control VLAN assigned to a RRPP Domain must not have been created and not have been reserved.</p>
hh3cRppDomainHelloTime (1.3.6.1.4.1.25506.2.45.2.1.1.3)	read-create	Current	As per MIB
hh3cRppDomainFailTime (1.3.6.1.4.1.25506.2.45.2.1.1.4)	read-create	Current	As per MIB
hh3cRppDomainRowStatus (1.3.6.1.4.1.25506.2.45.2.1.1.5)	read-create	Current	As per MIB
hh3cRppDomainInstanceListLow (1.3.6.1.4.1.25506.2.45.2.1.1.6)	read-create	Current	As per MIB
hh3cRppDomainInstanceListHigh (1.3.6.1.4.1.25506.2.45.2.1.1.7)	read-create	Current	As per MIB
hh3cRppDomainProtectVlanListLow (1.3.6.1.4.1.25506.2.45.2.1.1.8)	read-create	Current	Not supported
hh3cRppDomainProtectVlanListHigh (1.3.6.1.4.1.25506.2.45.2.1.1.9)	read-create	Current	Not supported

## hh3cRppRingTable

OID of this table is :1.3.6.1.4.1.25506.2.45.2.2

Name	Access	PDS	Description
hh3cRppRingID (1.3.6.1.4.1.25506.2.45.2.2.1.1)	accessible-for-notify	Current	As per MIB
hh3cRppRingEnableStatus (1.3.6.1.4.1.25506.2.45.2.2.1.2)	read-create	Current	As per MIB
hh3cRppRingActive (1.3.6.1.4.1.25506.2.45.2.2.1.3)	read-only	No	As per MIB
hh3cRppRingState (1.3.6.1.4.1.25506.2.45.2.2.1.4)	read-only	No	As per MIB
hh3cRppRingNodeMode (1.3.6.1.4.1.25506.2.45.2.2.1.5)	read-create	Current	As per MIB
hh3cRppRingPrimaryPort (1.3.6.1.4.1.25506.2.45.2.2.1.6)	read-create	Current	<p>1. If the switch is a master-node or transit-node, this value is the primary port ifIndex. If the primary port does not exist, the value is 0.</p> <p>2. If the switch is a edge-node or assistant-edge-node, this value is</p>

			still 0. The common ports of the sub-ring are the two ports of the corresponding major-ring on this node. 3. This value can't be modified after created.
hh3cRppRingSecondaryPort (1.3.6.1.4.1.25506.2.45.2.2.1.7)	read-create	Current	If the secondary port or edge port does not exist, the value of this object is 0.
hh3cRppRingLevel (1.3.6.1.4.1.25506.2.45.2.2.1.8)	read-create	Current	As per MIB
hh3cRppRingRowStatus (1.3.6.1.4.1.25506.2.45.2.2.1.9)	read-create	Current	As per MIB

## hh3cRpppPortTable

OID of this table is :1.3.6.1.4.1.25506.2.45.2.3

Name	Access	PDS	Description
hh3cRpppPortID (1.3.6.1.4.1.25506.2.45.2.3.1.1)	not-accessible	No	As per MIB
hh3cRpppPortRole (1.3.6.1.4.1.25506.2.45.2.3.1.2)	read-only	No	As per MIB
hh3cRpppPortState (1.3.6.1.4.1.25506.2.45.2.3.1.3)	read-only	No	As per MIB
hh3cRpppPortRXError (1.3.6.1.4.1.25506.2.45.2.3.1.4)	read-only	No	As per MIB
hh3cRpppPortRXHello (1.3.6.1.4.1.25506.2.45.2.3.1.5)	read-only	No	As per MIB
hh3cRpppPortRXLinkUp (1.3.6.1.4.1.25506.2.45.2.3.1.6)	read-only	No	Not supported
hh3cRpppPortRXLinkDown (1.3.6.1.4.1.25506.2.45.2.3.1.7)	read-only	No	As per MIB
hh3cRpppPortRXCommonFlush (1.3.6.1.4.1.25506.2.45.2.3.1.8)	read-only	No	As per MIB
hh3cRpppPortRXCompleteFlush (1.3.6.1.4.1.25506.2.45.2.3.1.9)	read-only	No	As per MIB
hh3cRpppPortTXHello (1.3.6.1.4.1.25506.2.45.2.3.1.10)	read-only	No	As per MIB
hh3cRpppPortTXLinkUp (1.3.6.1.4.1.25506.2.45.2.3.1.11)	read-only	No	Not supported
hh3cRpppPortTXLinkDown (1.3.6.1.4.1.25506.2.45.2.3.1.12)	read-only	No	As per MIB
hh3cRpppPortTXCommonFlush (1.3.6.1.4.1.25506.2.45.2.3.1.13)	read-only	No	As per MIB
hh3cRpppPortTXCompleteFlush (1.3.6.1.4.1.25506.2.45.2.3.1.14)	read-only	No	As per MIB
hh3cRpppPortRXEdgeHello (1.3.6.1.4.1.25506.2.45.2.3.1.15)	read-only	No	As per MIB
hh3cRpppPortRXMajorFault (1.3.6.1.4.1.25506.2.45.2.3.1.16)	read-only	No	As per MIB
hh3cRpppPortTXEdgeHello (1.3.6.1.4.1.25506.2.45.2.3.1.17)	read-only	No	As per MIB
hh3cRpppPortTXMajorFault (1.3.6.1.4.1.25506.2.45.2.3.1.18)	read-only	No	As per MIB

# HH3C-RADIUS-MIB

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 hh3cRdAcclInfoTable will work on another table. That is, to create a new row in hh3cRdInfoTable, a row with the same group name will appear in hh3cRdAcclInfoTable. To delete a row from hh3cRdInfoTable, corresponding row in hh3cRdAcclInfoTable will be cleared away and vice versa.

## Scalar objects

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

## 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 (1.3.6.1.4.1.25506.2.13.1.1.1.5)	read-create	Current	Not supported
hh3cRdSecUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.6)	read-create	Current	The range of secondary UDP port is from 1 to 65535
hh3cRdSecState (1.3.6.1.4.1.25506.2.13.1.1.1.7)	read-create	No	As per MIB
hh3cRdKey (1.3.6.1.4.1.25506.2.13.1.1.1.8)	read-create	Current	Changed the value returned by the following MIBs from a plaintext or ciphertext password to empty or "*****"
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	Support IPv4 only
hh3cRdPrimAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.12)	read-create	Current	Support IPv4 only
hh3cRdSecAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.13)	read-create	Current	Support IPv4 only
hh3cRdSecAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.14)	read-create	Current	Support IPv4 only
hh3cRdServerType	read-create	Current	standard(1) and extended(4) are

(1.3.6.1.4.1.25506.2.13.1.1.1.15)			supported
hh3cRdQuietTime (1.3.6.1.4.1.25506.2.13.1.1.1.16)	read-create	Current	As per MIB
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	Changed the value returned by the following MIBs from a plaintext or ciphertext password to empty or "*****"

## hh3cRdAccInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.13.1.2

Name	Access	PDS	Description
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	Support IPv4 only
hh3cRdPrimAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.3)	read-create	Current	Support IPv4 only
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	Support IPv4 only
hh3cRdSecAccIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.7)	read-create	Current	Support IPv4 only
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	Changed the value returned by the following MIBs from a plaintext or ciphertext password to empty or "*****"
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	only standard(1) and extended(4) are supported
hh3cRdAccQuietTime (1.3.6.1.4.1.25506.2.13.1.2.1.14)	read-create	Current	As per MIB
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	As per MIB
hh3cRdAccStopRetry (1.3.6.1.4.1.25506.2.13.1.2.1.19)	read-create	Current	As per MIB
hh3cRdAccDataFlowUnit (1.3.6.1.4.1.25506.2.13.1.2.1.20)	read-create	Current	As per MIB

hh3cRdAccPacketUnit (1.3.6.1.4.1.25506.2.13.1.2.1.21)	read-create	Current	As per MIB
hh3cRdAccRowStatus (1.3.6.1.4.1.25506.2.13.1.2.1.22)	read-create	Current	As per MIB
hh3cRdAcctOnEnable (1.3.6.1.4.1.25506.2.13.1.2.1.23)	read-create	Current	As per MIB

## 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

## hh3cRadiusAuthServerTable

OID of this table is :1.3.6.1.4.1.25506.2.13.4.1.1

Name	Access	PDS	Description
hh3cRadiusAuthFailureTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.1)	read-only	No	As per MIB
hh3cRadiusAuthTimeoutTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.2)	read-only	No	As per MIB
hh3cRadiusAuthRejectTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.3)	read-only	No	As per MIB

# HH3C-PROTOCOL-VLAN-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cProtocolNumAllVlan (1.3.6.1.4.1.25506.2.16.1.1)	read-only	Current	As per MIB
hh3cProtocolNumPerVlan (1.3.6.1.4.1.25506.2.16.1.2)	read-only	Current	As per MIB

hh3cProtocolNumAllPort (1.3.6.1.4.1.25506.2.16.1.3)	read-only	Current	Not supported
hh3cProtocolNumPerPort (1.3.6.1.4.1.25506.2.16.1.4)	read-only	Current	Not supported
hh3cDifferentProtocolNumAllPort (1.3.6.1.4.1.25506.2.16.1.7)	read-only	Current	Not supported

## hh3cProtocolVlanTable

OID of this table is :1.3.6.1.4.1.25506.2.16.1.5

Name	Access	PDS	Description
hh3cProtocolVlanVlanId (1.3.6.1.4.1.25506.2.16.1.5.1.1)	not-accessible	Current	As per MIB
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	Support creation but not support modification The value: ip(1) only stands for ipv4 and has no relationship with ipv4 subnet or ipv6 subnet
hh3cProtocolVlanProtocolSubType (1.3.6.1.4.1.25506.2.16.1.5.1.4)	read-create	Current	Support creation but not support modification
hh3cProtocolVlanProtocolTypeValue (1.3.6.1.4.1.25506.2.16.1.5.1.5)	read-create	Current	Support creation but not support modification
hh3cProtocolVlanRowStatus (1.3.6.1.4.1.25506.2.16.1.5.1.6)	read-create	No	As per MIB

## hh3cProtocolVlanPortTable

OID of this table is :1.3.6.1.4.1.25506.2.16.1.6

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	The value: ip(1) only stands for ipv4 and has no relationship with ipv4 subnet or ipv6 subnet
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	No	As per MIB

# HH3C-SUBNET-VLAN-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cSubnetNumAllVlan (1.3.6.1.4.1.25506.2.61.1.1.1)	read-only	Current	As per MIB
hh3cSubnetNumPerVlan (1.3.6.1.4.1.25506.2.61.1.1.2)	read-only	Current	As per MIB
hh3cSubnetNumAllPort (1.3.6.1.4.1.25506.2.61.1.1.3)	read-only	Current	Not supported
hh3cSubnetNumPerPort (1.3.6.1.4.1.25506.2.61.1.1.4)	read-only	Current	Not supported

## 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	Support creation but not support modification
hh3cSubnetVlanIpAddressValue (1.3.6.1.4.1.25506.2.61.1.2.1.4)	read-create	Current	Support creation but not support modification
hh3cSubnetVlanNetMaskValue (1.3.6.1.4.1.25506.2.61.1.2.1.5)	read-create	Current	Support creation but not support modification
hh3cSubnetVlanRowStatus (1.3.6.1.4.1.25506.2.61.1.2.1.6)	read-create	No	As per MIB

## 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	No	As per MIB

# HH3C-UI-MAN-MIB

This MIB is used to manage user interfaces.

# Scalar Objects

Name	Access	PDS	Description
hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1)	accessible-for-notify	Current	As per MIB
hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2)	accessible-for-notify	Current	As per MIB
hh3cTerminalUserAuthFailureReason (1.3.6.1.4.1.25506.2.2.1.1.2.3)	accessible-for-notify	Current	As per MIB

## hh3cVtyAccTable

OID of this table is :1.3.6.1.4.1.25506.2.2.1.2.1

Name	Access	PDS	Description
hh3cVtyAccUserIndex (1.3.6.1.4.1.25506.2.2.1.2.1.1.1)	not-accessible	No	As per MIB
hh3cVtyAccConnway (1.3.6.1.4.1.25506.2.2.1.2.1.1.2)	not-accessible	Current	INTEGER { inbound(1), outbound(2), linkinbound(3), acl6inbound(11) , acl6outbound(12) }
hh3cVtyAccAclNum (1.3.6.1.4.1.25506.2.2.1.2.1.1.3)	read-create	Current	Only support read operation.

## HH3C-USER-MIB

This MIB is used to manage local users.

# 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



# 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)	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 (1.3.6.1.4.1.25506.2.12.1.1.2)	read-create	Current	Changed the value returned by the following MIBs from a plaintext or ciphertext password to empty or "*****"
hh3cAuthMode (1.3.6.1.4.1.25506.2.12.1.1.3)	read-create	Current	The value must be 0 or 7.
hh3cUserLevel (1.3.6.1.4.1.25506.2.12.1.1.4)	read-create	Current	As per MIB
hh3cUserState (1.3.6.1.4.1.25506.2.12.1.1.5)	read-create	Current	As per MIB
hh3cUserInfoRowStatus (1.3.6.1.4.1.25506.2.12.1.1.6)	read-create	Current	As per MIB
hh3cUserIndex (1.3.6.1.4.1.25506.2.12.1.1.7)	not-accessible	Current	The value can't be saved.

# hh3cUserAttributeTable

OID of this table is :1.3.6.1.4.1.25506.2.12.1.2

hh3cSlotNum, hh3cSubSlotNum, and hh3cPortNum must be set simultaneously.

If hh3cNasIPAddress would be set, then hh3cSlotNum, hh3cSubSlotNum, and hh3cPortNum must be set simultaneously.

If hh3cFtpDirectory would be set, hh3cFtpService must be set simultaneously.

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	It is suggested that value of this object should be set as a multiple of 60(from 60 to 7200). A value not multiple of 60 will be rounded to the value proximally to multiple of 60. For example, if 75 set to the object, it will be rounded down to

			60 seconds, set operation will succeed, get operation will return 60.
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	As per MIB
hh3cSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.5)	read-write	Current	Local user's slot. Range from 0 to 15.
hh3cSubSlotNum (1.3.6.1.4.1.25506.2.12.1.2.1.6)	read-write	Current	Local user's sub-slot.
hh3cPortNum (1.3.6.1.4.1.25506.2.12.1.2.1.7)	read-write	Current	Local user's port number. Range from 0 to 255.
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	The default value is disable(2).
hh3cFtpDirectory (1.3.6.1.4.1.25506.2.12.1.2.1.11)	read-write	Current	The maximum length of the directory is 135.
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	As per MIB
hh3cTelnetService (1.3.6.1.4.1.25506.2.12.1.2.1.14)	read-write	Current	As per MIB
hh3cTerminalService (1.3.6.1.4.1.25506.2.12.1.2.1.15)	read-write	Current	As per MIB
hh3cExpirationDate (1.3.6.1.4.1.25506.2.12.1.2.1.16)	read-write	Current	As per MIB
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

## 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

## HH3C-NTP-MIB

### hh3cNTPSystemMIBObjects

OID of this table is :1.3.6.1.4.1.25506.8.22.1.1

Name	Access	PDS	Description
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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	Root Delay: This is a signed fixed-point number indicating the total roundtrip delay to the primary reference source at the root of the synchronization subnet, in milliseconds. Note that this variable can take on both positive and negative values, depending on clock precision and skew.
hh3cNTPSysRootdispersion (1.3.6.1.4.1.25506.8.22.1.1.5)	read-only	Current	Root Dispersion: This is a signed fixed-point number indicating the maximum error relative to the primary reference source at the root of the synchronization subnet, in milliseconds. Only positive values greater than zero are possible.
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	As per MIB
hh3cNTPSysState (1.3.6.1.4.1.25506.8.22.1.1.10)	read-only	Current	As per MIB
hh3cNTPSysOffset (1.3.6.1.4.1.25506.8.22.1.1.11)	read-only	Current	The offset of two clocks is the time difference between them, in milliseconds.
hh3cNTPSysDrift (1.3.6.1.4.1.25506.8.22.1.1.12)	read-only	Current	As per MIB
hh3cNTPSysCompliance (1.3.6.1.4.1.25506.8.22.1.1.13)	read-only	Current	As per MIB
hh3cNTPSysClock (1.3.6.1.4.1.25506.8.22.1.1.14)	read-only	Current	As per MIB
hh3cNTPSysStabil (1.3.6.1.4.1.25506.8.22.1.1.15)	read-only	Current	As per MIB
hh3cNTPSysAuthenticate (1.3.6.1.4.1.25506.8.22.1.1.16)	read-write	Current	As per MIB
hh3cNTPSysPollSec (1.3.6.1.4.1.25506.8.22.1.1.17)	read-write	Current	As per MIB
hh3cNTPSysClockSec (1.3.6.1.4.1.25506.8.22.1.1.18)	read-only	Current	As per MIB
hh3cNTPServerIP (1.3.6.1.4.1.25506.8.22.1.1.19)	read-write	Current	As per MIB

# hh3cNTPPeerTable

OID of this table is :1.3.6.1.4.1.25506.8.22.2.1.1

Name	Access	PDS	Description
hh3cNTPPeerConfig (1.3.6.1.4.1.25506.8.22.2.1.1.1.1)	read-only	No	As per MIB
hh3cNTPPeerAuthenable (1.3.6.1.4.1.25506.8.22.2.1.1.1.2)	read-only	No	As per MIB
hh3cNTPPeerAuthentic (1.3.6.1.4.1.25506.8.22.2.1.1.1.3)	read-only	No	As per MIB
hh3cNTPPeerRemAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.4)	not-accessible	No	As per MIB
hh3cNTPPeerRemPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.5)	read-only	No	As per MIB
hh3cNTPPeerLocAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.6)	read-only	No	As per MIB
hh3cNTPPeerLocPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.7)	read-only	No	As per MIB
hh3cNTPPeerLeap (1.3.6.1.4.1.25506.8.22.2.1.1.1.8)	read-only	No	As per MIB
hh3cNTPPeerHMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.9)	not-accessible	No	As per MIB
hh3cNTPPeerStratum (1.3.6.1.4.1.25506.8.22.2.1.1.1.10)	read-only	No	As per MIB
hh3cNTPPeerPPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.11)	read-only	No	As per MIB
hh3cNTPPeerHPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.12)	read-only	No	As per MIB
hh3cNTPPeerPrecision (1.3.6.1.4.1.25506.8.22.2.1.1.1.13)	read-only	No	As per MIB
hh3cNTPPeerRootDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.14)	read-only	No	This is a signed fixed-point number indicating the total roundtrip delay to the primary reference source at the root of the synchronization subnet, in milliseconds. Note that this variable can take on both positive and negative values, depending on clock precision and skew.
hh3cNTPPeerRootDispersion (1.3.6.1.4.1.25506.8.22.2.1.1.1.15)	read-only	No	This is a signed fixed-point number indicating the maximum error of the peer clock relative to the primary reference source at the root of the synchronization subnet, in milliseconds. Only positive values greater than zero are possible.
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	This is a signed fixed-point number indicating the roundtrip delay of the peer clock relative to the local clock over the network path between them, in milliseconds. Note that this variable can take on both positive and negative values, depending on clock precision and skew-error accumulation.
hh3cNTPPeerOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.25)	read-only	No	This is a signed, fixed-point number indicating the offset of the peer clock relative to the local clock, in milliseconds.
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	This is a signed fixed-point number indicating the maximum error of the peer clock relative to the local clock over the network path between them, in milliseconds. Only positive values greater than zero are possible.
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	Round-trip delay of the peer clock relative to the local clock over the network path between them, in milliseconds. This variable can take on both positive and negative values, depending on clock precision and skew-error accumulation.
hh3cNTPPeerFiltOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.30)	read-only	No	The offset of the peer clock relative to the local clock in milliseconds.
hh3cNTPPeerFiltError (1.3.6.1.4.1.25506.8.22.2.1.1.1.31)	read-only	No	The maximum error of the peer clock relative to the local clock over the network path between them, in milliseconds. Only positive values greater than zero are possible.
hh3cNTPPeerPMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.32)	read-only	No	As per MIB
hh3cNTPPeerReceived (1.3.6.1.4.1.25506.8.22.2.1.1.1.33)	read-only	No	As per MIB
hh3cNTPPeerSent (1.3.6.1.4.1.25506.8.22.2.1.1.1.34)	read-only	No	As per MIB
hh3cNTPPeerFlash (1.3.6.1.4.1.25506.8.22.2.1.1.1.35)	read-only	No	As per MIB
hh3cNTPPeerRowStatus (1.3.6.1.4.1.25506.8.22.2.1.1.1.36)	read-create	No	Now only support active, createAndGo and destroy. If the value of hh3cNTPPeerHMode is broadcast, broadcastclient or multicastclient, this node only support read operation

## HH3C-DHCPRELAY-MIB

### hh3cDHCPRStatisticsGroup

OID of this table is :1.3.6.1.4.1.25506.2.58.1.6

Name	Access	PDS	Description
hh3cDHCPRRxClientPktNum (1.3.6.1.4.1.25506.2.58.1.6.1)	read-only	No	The total number of the packets received from DHCP clients by DHCP Relay
hh3cDHCPRTxClientPktNum (1.3.6.1.4.1.25506.2.58.1.6.2)	read-only	No	The total number of the broadcast packets transmitted to DHCP clients by DHCP Relay
hh3cDHCPRRxServerPktNum (1.3.6.1.4.1.25506.2.58.1.6.3)	read-only	No	The total number of the packets received from DHCP Servers by DHCP Relay
hh3cDHCPRTxServerPktNum (1.3.6.1.4.1.25506.2.58.1.6.4)	read-only	No	The total number of the packets transmitted to DHCP Servers by DHCP Relay
hh3cDHCPRDiscoverPktNum (1.3.6.1.4.1.25506.2.58.1.6.5)	read-only	No	The total number of the DHCP Discover packets handled by DHCP Relay
hh3cDHCPRRequestPktNum (1.3.6.1.4.1.25506.2.58.1.6.6)	read-only	No	The total number of the DHCP Request packets handled by DHCP Relay
hh3cDHCPRDeclinePktNum (1.3.6.1.4.1.25506.2.58.1.6.7)	read-only	No	The total number of the DHCP Decline packets handled by DHCP Relay
hh3cDHCPRReleasePktNum (1.3.6.1.4.1.25506.2.58.1.6.8)	read-only	No	The total number of the DHCP Release packets handled by DHCP Relay
hh3cDHCPRIInformPktNum (1.3.6.1.4.1.25506.2.58.1.6.9)	read-only	No	The total number of the DHCP Inform packets handled by DHCP Relay
hh3cDHCPROfferPktNum (1.3.6.1.4.1.25506.2.58.1.6.10)	read-only	No	The total number of the DHCP Offer packets handled by DHCP Relay
hh3cDHCPRAckPktNum (1.3.6.1.4.1.25506.2.58.1.6.11)	read-only	No	The total number of the DHCP Ack packets handled by DHCP Relay
hh3cDHCPRNakPktNum (1.3.6.1.4.1.25506.2.58.1.6.12)	read-only	No	The total number of the DHCP Nak packets handled by DHCP Relay
hh3cDHCPRStatisticsReset (1.3.6.1.4.1.25506.2.58.1.6.13)	write-only	No	This node only supports set operation.If the value is true,it will clear all of the packet statistics

### hh3cDHCPRISelectTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.1

Name	Access	PDS	Description
hh3cDHCPRISelectRelayMode (1.3.6.1.4.1.25506.2.58.1.1.1)	read-write	Current	The default value is off(2)

# hh3cDHCPRIpToGroupTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.2

Name	Access	PDS	Description
hh3cDHCPRIpToGroupGroupld (1.3.6.1.4.1.25506.2.58.1.2.1.1)	not-accessible	Current	Range from 0 to 19
hh3cDHCPRIpToGroupServerIpType (1.3.6.1.4.1.25506.2.58.1.2.1.2)	not-accessible	Current	Ip address type of DHCP Server
hh3cDHCPRIpToGroupServerIp (1.3.6.1.4.1.25506.2.58.1.2.1.3)	not-accessible	Current	Range from 1 to 64
hh3cDHCPRIpToGroupRowStatus (1.3.6.1.4.1.25506.2.58.1.2.1.4)	read-create	Current	Only support active,createAndGo,destroy

# hh3cDHCPRIfToGroupTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.3

Name	Access	PDS	Description
hh3cDHCPRIfToGroupGroupld (1.3.6.1.4.1.25506.2.58.1.3.1.1)	read-write	Current	Range from 0 to 19
hh3cDHCPRIfToGroupRowStatus (1.3.6.1.4.1.25506.2.58.1.3.1.2)	read-create	Current	Only support active,createAndGo,destroy

# hh3cDHCPRAAddrCheckTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.4

Name	Access	PDS	Description
hh3cDHCPRAAddrCheckSwitch (1.3.6.1.4.1.25506.2.58.1.4.1.1)	read-write	Current	The default value is disable(2)

# hh3cDHCPRSecurityTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.5

Name	Access	PDS	Description
hh3cDHCPRSecurityClientIpAddrType (1.3.6.1.4.1.25506.2.58.1.5.1.1)	not-accessible	Current	DHCP client's net ip address type
hh3cDHCPRSecurityClientIpAddr (1.3.6.1.4.1.25506.2.58.1.5.1.2)	not-accessible	Current	Range from 1 to 64
hh3cDHCPRSecurityClientMacAddr (1.3.6.1.4.1.25506.2.58.1.5.1.3)	read-write	Current	DHCP client's mac address
hh3cDHCPRSecurityClientProperty (1.3.6.1.4.1.25506.2.58.1.5.1.4)	read-only	No	Property of client address.The possible value as follows: static(1),dynamic(2)
hh3cDHCPRSecurityClientRowStatus (1.3.6.1.4.1.25506.2.58.1.5.1.5)	read-create	Current	Only support active,createAndGo,destroy

# hh3cDHCPROption82IfTable

OID of this table is :1.3.6.1.4.1.25506.2.58.1.8.3

Name	Access	PDS	Description
hh3cDHCPROption82IfSwitch (1.3.6.1.4.1.25506.2.58.1.8.3.1.1)	read-write	Current	As per MIB
hh3cDHCPROption82IfStrategy (1.3.6.1.4.1.25506.2.58.1.8.3.1.2)	read-write	Current	As per MIB
hh3cDHCPROption82IfFormat (1.3.6.1.4.1.25506.2.58.1.8.3.1.3)	read-write	Current	As per MIB
hh3cDHCPROption82IfNodeType (1.3.6.1.4.1.25506.2.58.1.8.3.1.4)	read-write	Current	As per MIB
hh3cDHCPROption82IfUsrDefString (1.3.6.1.4.1.25506.2.58.1.8.3.1.5)	read-write	Current	Range from 1 to 50.

## HH3C-DLDP-MIB

### Scalar Objects

Name	Access	PDS	Description
hh3cDLDPWorkMode (1.3.6.1.4.1.25506.2.43.1.1.1)	read-write	Current	As per MIB
hh3cDLDPSystemEnable (1.3.6.1.4.1.25506.2.43.1.1.2)	read-write	No	Not supported
hh3cDLDPSystemReset (1.3.6.1.4.1.25506.2.43.1.1.3)	read-write	No	As per MIB
hh3cDLDPInterval (1.3.6.1.4.1.25506.2.43.1.1.4)	read-write	Current	As per MIB
hh3cDLDPAuthenticationMode (1.3.6.1.4.1.25506.2.43.1.1.5)	read-write	Current	If the value to be set is simple or MD5, this node must be bound together with hh3cDLDPAuthenticationPassword.
hh3cDLDPAuthenticationPassword (1.3.6.1.4.1.25506.2.43.1.1.6)	read-write	Current	The length of the password to be set can be no more than 16 characters or equal to 24 characters. When equal to 24 characters, hh3cDLDPAuthenticationMode must be MD5 and the password must be a cipher text string.
hh3cDLDPUnidirectionalShutdown (1.3.6.1.4.1.25506.2.43.1.1.7)	read-write	Current	As per MIB

### hh3cDLDPPortStateTable

OID of this table is :1.3.6.1.4.1.25506.2.43.1.2

Name	Access	PDS	Description
hh3cDLDPPortState (1.3.6.1.4.1.25506.2.43.1.2.1.1)	read-write	Current	As per MIB



## hh3cDLDPPortLDPTable

OID of this table is :1.3.6.1.4.1.25506.2.43.1.3

Name	Access	PDS	Description
hh3cDLDPPortLDLPState (1.3.6.1.4.1.25506.2.43.1.3.1.1)	read-only	No	As per MIB
hh3cDLDPLinkState (1.3.6.1.4.1.25506.2.43.1.3.1.2)	read-only	No	As per MIB
hh3cDLDPPortLDLPReset (1.3.6.1.4.1.25506.2.43.1.3.1.3)	read-write	No	As per MIB

## hh3cDLDPNeighborTable

OID of this table is :1.3.6.1.4.1.25506.2.43.1.4

Name	Access	PDS	Description
hh3cDLDPNeighborBridgeMac (1.3.6.1.4.1.25506.2.43.1.4.1.1)	not-accessible	No	As per MIB
hh3cDLDPNeighborPortIndex (1.3.6.1.4.1.25506.2.43.1.4.1.2)	not-accessible	No	As per MIB
hh3cDLDPNeighborState (1.3.6.1.4.1.25506.2.43.1.4.1.3)	read-only	No	As per MIB
hh3cDLDPNeighborAgingTime (1.3.6.1.4.1.25506.2.43.1.4.1.4)	read-only	No	As per MIB

## HH3C-EFM-COMMON-MIB

## hh3cDot3OamTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.1

Name	Access	PDS	Description
hh3cDot3OamAdminState (1.3.6.1.4.1.25506.2.42.3.1.1.1.1)	read-write	No	Not supported
hh3cDot3OamOperStatus (1.3.6.1.4.1.25506.2.42.3.1.1.1.2)	read-only	No	Not supported.
hh3cDot3OamMode (1.3.6.1.4.1.25506.2.42.3.1.1.1.3)	read-write	No	Not supported
hh3cDot3OamMaxOamPduSize (1.3.6.1.4.1.25506.2.42.3.1.1.1.4)	read-only	No	Not supported
hh3cDot3OamConfigRevision (1.3.6.1.4.1.25506.2.42.3.1.1.1.5)	read-only	No	Not supported.
hh3cDot3OamFunctionsSupported (1.3.6.1.4.1.25506.2.42.3.1.1.1.6)	read-only	No	Not supported

## hh3cDot3OamPeerTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.2

Name	Access	PDS	Description
hh3cDot3OamPeerStatus	read-only	No	Not supported

(1.3.6.1.4.1.25506.2.42.3.1.2.1.1)			
hh3cDot3OamPeerMacAddress (1.3.6.1.4.1.25506.2.42.3.1.2.1.2)	read-only	No	Not supported
hh3cDot3OamPeerVendorOui (1.3.6.1.4.1.25506.2.42.3.1.2.1.3)	read-only	No	Not supported
hh3cDot3OamPeerVendorInfo (1.3.6.1.4.1.25506.2.42.3.1.2.1.4)	read-only	No	Not supported
hh3cDot3OamPeerMode (1.3.6.1.4.1.25506.2.42.3.1.2.1.5)	read-only	No	Not supported
hh3cDot3OamPeerMaxOamPduSize (1.3.6.1.4.1.25506.2.42.3.1.2.1.6)	read-only	No	Not supported
hh3cDot3OamPeerConfigRevision (1.3.6.1.4.1.25506.2.42.3.1.2.1.7)	read-only	No	Not supported
hh3cDot3OamPeerFunctionsSupported (1.3.6.1.4.1.25506.2.42.3.1.2.1.8)	read-only	No	Not supported.

## hh3cDot3OamLoopbackTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.3

Name	Access	PDS	Description
hh3cDot3OamLoopbackCommand (1.3.6.1.4.1.25506.2.42.3.1.3.1.1)	read-write	No	Not supported
hh3cDot3OamLoopbackStatus (1.3.6.1.4.1.25506.2.42.3.1.3.1.2)	read-only	No	Not supported
hh3cDot3OamLoopbackIgnoreRx (1.3.6.1.4.1.25506.2.42.3.1.3.1.3)	read-write	No	Not supported

## hh3cDot3OamStatsTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.4

Name	Access	PDS	Description
hh3cDot3OamInformationTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.1)	read-only	No	Not supported
hh3cDot3OamInformationRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.2)	read-only	No	Not supported
hh3cDot3OamUniqueEventNotificationTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.3)	read-only	No	Not supported.
hh3cDot3OamUniqueEventNotificationRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.4)	read-only	No	Not supported
hh3cDot3OamDuplicateEventNotificationTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.5)	read-only	No	Not supported.
hh3cDot3OamDuplicateEventNotificationRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.6)	read-only	No	Not supported
hh3cDot3OamLoopbackControlTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.7)	read-only	No	Not supported
hh3cDot3OamLoopbackControlRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.8)	read-only	No	Not supported
hh3cDot3OamVariableRequestTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.9)	read-only	No	Not supported

hh3cDot3OamVariableRequestRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.10)	read-only	No	Not supported.
hh3cDot3OamVariableResponseTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.11)	read-only	No	Not supported
hh3cDot3OamVariableResponseRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.12)	read-only	No	Not supported
hh3cDot3OamOrgSpecificTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.13)	read-only	No	Not supported
hh3cDot3OamOrgSpecificRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.14)	read-only	No	Not supported
hh3cDot3OamUnsupportedCodesTx (1.3.6.1.4.1.25506.2.42.3.1.4.1.15)	read-only	No	Not supported.
hh3cDot3OamUnsupportedCodesRx (1.3.6.1.4.1.25506.2.42.3.1.4.1.16)	read-only	No	Not supported.
hh3cDot3OamFramesLostDueToOam (1.3.6.1.4.1.25506.2.42.3.1.4.1.17)	Read-only	No	Not supported.

## hh3cDot3OamEventConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.5

Name	Access	PDS	Description
hh3cDot3OamErrSymPeriodWindowHi (1.3.6.1.4.1.25506.2.42.3.1.5.1.1)	read-write	No	Not supported
hh3cDot3OamErrSymPeriodWindowLo (1.3.6.1.4.1.25506.2.42.3.1.5.1.2)	read-write	No	Not supported
hh3cDot3OamErrSymPeriodThresholdHi	read-write	No	Not supported
hh3cDot3OamErrSymPeriodThresholdLo (1.3.6.1.4.1.25506.2.42.3.1.5.1.4)	read-write	No	Not supported.
hh3cDot3OamErrSymPeriodEventNotifEnable (1.3.6.1.4.1.25506.2.42.3.1.5.1.5)	read-write	No	Not supported.
hh3cDot3OamErrFramePeriodWindow (1.3.6.1.4.1.25506.2.42.3.1.5.1.6)	read-write	No	Not supported.
hh3cDot3OamErrFramePeriodThreshold (1.3.6.1.4.1.25506.2.42.3.1.5.1.7)	read-write	No	Not supported
hh3cDot3OamErrFramePeriodEventNotifEnable (1.3.6.1.4.1.25506.2.42.3.1.5.1.8)	read-write	No	Not supported
hh3cDot3OamErrFrameWindow (1.3.6.1.4.1.25506.2.42.3.1.5.1.9)	read-write	No	Not supported
hh3cDot3OamErrFrameThreshold (1.3.6.1.4.1.25506.2.42.3.1.5.1.10)	read-write	No	Not supported
hh3cDot3OamErrFrameEventNotifEnable (1.3.6.1.4.1.25506.2.42.3.1.5.1.11)	read-write	No	Not supported
hh3cDot3OamErrFrameSecsSummaryWindow (1.3.6.1.4.1.25506.2.42.3.1.5.1.12)	read-write	No	Not supported

hh3cDot3OamErrFrameSecsSummaryThreshold (1.3.6.1.4.1.25506.2.42.3.1.5.1.13)	read-write	No	Not supported
hh3cDot3OamErrFrameSecsEventNotificationEnable (1.3.6.1.4.1.25506.2.42.3.1.5.1.14)	read-write	No	Not supported

## hh3cDot3OamEventLogTable

OID of this table is :1.3.6.1.4.1.25506.2.42.3.1.6

Name	Access	PDS	Description
hh3cDot3OamEventLogIndex (1.3.6.1.4.1.25506.2.42.3.1.6.1.1)	not-accessible	No	Not supported
hh3cDot3OamEventLogTimestamp (1.3.6.1.4.1.25506.2.42.3.1.6.1.2)	read-only	No	Not supported
hh3cDot3OamEventLogOui (1.3.6.1.4.1.25506.2.42.3.1.6.1.3)	read-only	No	Not supported
hh3cDot3OamEventLogType (1.3.6.1.4.1.25506.2.42.3.1.6.1.4)	read-only	No	Not supported
hh3cDot3OamEventLogLocation (1.3.6.1.4.1.25506.2.42.3.1.6.1.5)	read-only	No	Not supported
hh3cDot3OamEventLogWindowHi (1.3.6.1.4.1.25506.2.42.3.1.6.1.6)	read-only	No	Not supported
hh3cDot3OamEventLogWindowLo (1.3.6.1.4.1.25506.2.42.3.1.6.1.7)	read-only	No	Not supported
hh3cDot3OamEventLogThresholdHi (1.3.6.1.4.1.25506.2.42.3.1.6.1.8)	read-only	No	Not supported
hh3cDot3OamEventLogThresholdLo (1.3.6.1.4.1.25506.2.42.3.1.6.1.9)	read-only	No	Not supported
hh3cDot3OamEventLogValue (1.3.6.1.4.1.25506.2.42.3.1.6.1.10)	read-only	No	Not supported
hh3cDot3OamEventLogRunningTotal (1.3.6.1.4.1.25506.2.42.3.1.6.1.11)	read-only	No	Not supported
hh3cDot3OamEventLogEventTotal (1.3.6.1.4.1.25506.2.42.3.1.6.1.12)	read-only	No	Not supported

## HH3C-SSH-MIB

### Scalar objects

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).

## hh3cSSHUserConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.22.1.1.2.1

Name	Access	PDS	Description
hh3cSSHUserName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.1)	not-accessible	Current	The length of value is from 1 to 80.
hh3cSSHUserServiceType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.2)	read-create	Current	The default value is invalid(1).
hh3cSSHUserAuthType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.3)	read-create	Current	The default value is invalid(1). When this object is set to password, means that this user uses password authentication in AAA(Authentication, Authorization, Accounting) module. When this object is set to publicKey, means that this user uses public key authentication in PKEY(Public Key) module. When this object is set to any, means that this user uses either password authentication or publickey authentication. When this object is set to publicKeyPassword, means that this user uses both publickey authentication and password authentication.
hh3cSSHUserPublicKeyName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.4)	read-create	Current	The length of value is from 1 to 64. The default value is null string. This object only can get value from an existent public key, which is managed in PKEY (Public Key) module.
hh3cSSHUserWorkDirectory (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.5)	read-create	Current	The length of value is from 1 to 135. The default value is null string.
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 SFTP user row cannot be made active(1) until the corresponding

			instance of 'hh3cSSHUserServiceType' is 'sftp' or 'all', and the 'hh3cSSHUserWorkDirectory' is configured appropriately. 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.
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## hh3cSSHSessionInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.22.1.1.3

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

## scalar objects for notify

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

# HH3C-MAC-INFORMATION-MIB

## Scalar objects

Name	Access	PDS	Description
hh3cMACInformationEnabled (1.3.6.1.4.1.25506.2.87.1.1.1)	read-write	Current	As per MIB
hh3cMACInformationcSendInterval (1.3.6.1.4.1.25506.2.87.1.1.2)	read-write	Current	As per MIB
hh3cMACInformationLearntMACNum (1.3.6.1.4.1.25506.2.87.1.1.3)	read-only	NO	As per MIB
hh3cMACInformationRemovedMACNum (1.3.6.1.4.1.25506.2.87.1.1.4)	read-only	NO	As per MIB
hh3cMACInformationTrapSendNum (1.3.6.1.4.1.25506.2.87.1.1.5)	read-only	NO	As per MIB
hh3cMACInformationSyslogSendNum (1.3.6.1.4.1.25506.2.87.1.1.6)	read-only	NO	As per MIB
hh3cMACInformationCacheLen (1.3.6.1.4.1.25506.2.87.1.1.7)	read- write	Current	As per MIB
hh3cMACInformationWorkMode (1.3.6.1.4.1.25506.2.87.1.1.8)	read-write	Current	As per MIB

## hh3cMACInfomationIfTable

OID of this table is :1.3.6.1.4.1.25506.2.87.1.2.1

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

## scalar objects for notify

Name	Access	PDS	Description
hh3cMACInfoTrapIndex (1.3.6.1.4.1.25506.2.87.1.3.2.1)	accessible-for-notify	No	As per MIB
hh3cMACInfoTrapCount (1.3.6.1.4.1.25506.2.87.1.3.2.2)	accessible-for-notify	No	As per MIB
hh3cMACInfoTrapMsg (1.3.6.1.4.1.25506.2.87.1.3.2.3)	accessible-for-notify	No	As per MIB
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	accessible-for-	NO	As per MIB

(1.3.6.1.4.1.25506.2.87.1.4.2.4)	notify		
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# HH3C-STORM-CONSTRAIN

The storm-constrain provides the function to control a port forwarding state. If all types of the flux in normal, the port will be in normal (forwarding) state. If any type of the flux exceeds its upper limit, the port will be change into controlled (discarding) state to avoid packets storm. When all flux of the port which exceed upper limit falling under their lower limit, the port in controlled (discarding) will recover normal (forwarding) state.

## scalar objects

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

## hh3cStormCtrlTable

OID of this table is : 1.3.6.1.4.1.25506.2.66.2.1

Name	Access	PDS	Description
hh3cStormCtrlPortStatus (1.3.6.1.4.1.25506.2.66.2.1.1.1)	read-only	No	As per MIB
hh3cStormCtrlBroadcastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.2)	read-create	No	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

## HH3C-DHCP-SERVER-MIB

### hh3cDHCPServerTables

OID of this table is :1.3.6.1.4.1.25506.2.101.2

Name	Access	PDS	Description
hh3cDHCPServerPoolName (1.3.6.1.4.1.25506.2.101.2.1)	accessible-for-notify	Current	As per MIB

# hh3cDHCPServerObjects

OID of this table is :1.3.6.1.4.1.25506.2.101.1

Name	Access	PDS	Description
hh3cDHCPServerIPPoolUsage (1.3.6.1.4.1.25506.2.101.1.1)	read-only	Current	As per MIB
hh3cDHCPServerReqTimes (1.3.6.1.4.1.25506.2.101.1.2)	read-only	Current	As per MIB
hh3cDHCPServerReqSuccessTimes (1.3.6.1.4.1.25506.2.101.1.3)	read-only	Current	As per MIB
hh3cDHCPServerAvgIpUseThreshold (1.3.6.1.4.1.25506.2.101.1.4)	read-write	Current	As per MIB
hh3cDHCPServerMaxIpUseThreshold (1.3.6.1.4.1.25506.2.101.1.5)	read-write	Current	As per MIB
hh3cDHCPServerAllocateThreshold (1.3.6.1.4.1.25506.2.101.1.6)	read-write	Current	As per MIB

## HH3C-STACK-MIB

### Scalar objects

Name	Access	PDS	Description
hh3cStackMaxMember (1.3.6.1.4.1.25506.2.91.1.1)	read-only	No	The maximum number of members in a stack.
hh3cStackMemberNum (1.3.6.1.4.1.25506.2.91.1.2)	read-only	No	The number of members currently in a stack.
hh3cStackMaxConfigPriority (1.3.6.1.4.1.25506.2.91.1.3)	read-only	No	The highest priority that can be configured for a member in a stack.
hh3cStackAutoUpdate (1.3.6.1.4.1.25506.2.91.1.4)	read-write	Current	<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 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 200-2000(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>

## hh3cStackDeviceConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.91.2

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

## hh3cStackBoardConfigTable

OID of this table is :1.3.6.1.4.1.25506.2.91.3

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

## hh3cStackPortInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.91.4

Name	Access	PDS	Description
hh3cStackPortIndex (1.3.6.1.4.1.25506.2.91.4.1.1)	accessible-for-notify	No	The index of a stack port of the device in a stack.
hh3cStackPortEnable (1.3.6.1.4.1.25506.2.91.4.1.2)	read-only	No	The status of the stack port of the device in a stack. If no physical

			port is added to the stack port, its status is 'disabled'; otherwise, its status is 'enabled'. disabled: The stack port is disabled. enabled: The stack port is enabled.
hh3cStackPortStatus (1.3.6.1.4.1.25506.2.91.4.1.3)	read-only	No	The link status of the stack port of the device in a stack. up: The link status of a stack port with reasonable physical connection is up. down: The link status of a stack port without physical connection is down. silent: The link status of a stack port which can not be used normally is silent. disabled: The link status of a stack port in disabled status is disabled.
hh3cStackNeighbor (1.3.6.1.4.1.25506.2.91.4.1.4)	read-only	No	The member ID of the stack port's neighbor in a stack. 0 means no neighbor exists.

## hh3cStackPhyPortInfoTable

OID of this table is :1.3.6.1.4.1.25506.2.91.5

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

## SAVI

Name	Access	PDS	Description
saviObjectsSystemIPvVersion (1.3.6.1.2.1.4.40.1.1.1.1)	not-accessible	No	Only support Ipv6 version, value is 2.
saviObjectsSystemMode (1.3.6.1.2.1.4.40.1.1.1.2)	read- write	Current	As per MIB
saviObjectsSystemMaxDadDelay (1.3.6.1.2.1.4.40.1.1.1.3)	read- write	Current	As per MIB
saviObjectsSystemMaxDadPrepareDelay (1.3.6.1.2.1.4.40.1.1.1.4)	read- write	Current	As per MIB

# saviObjectsSystemTable

OID of this table is: 1.3.6.1.2.1.4.40.1.1.1

# saviObjectsIfTable

OID of this table is: 1.3.6.1.2.1.4.40.1.2.1

Name	Access	PDS	Description
saviObjectsIfIPVersion (1.3.6.1.2.1.4.40.1.2.1.1)	not-accessible	No	Only support Ipv6 version, value is 2.
saviObjectsIfIndex (1.3.6.1.2.1.4.40.1.2.1.2)	not-accessible	Current	As per MIB
saviObjectsIfValidationStatus (1.3.6.1.2.1.4.40.1.2.1.3)	read- write	Current	As per MIB
saviObjectsIfTrustStatus (1.3.6.1.2.1.4.40.1.2.1.4)	read- write	Current	As per MIB
saviObjectsIfFilteringNum (1.3.6.1.2.1.4.40.1.2.1.5)	read- write	Current	As per MIB

# saviObjectsBindingTable

OID of this table is: 1.3.6.1.2.1.4.40.1.3.1

Name	Access	PDS	Description
saviObjectsBindingIpAddressType (1.3.6.1.2.1.4.40.1.3.1.1)	not-accessible	No	Only support Ipv6 version, value is 2.
saviObjectsBindingType (1.3.6.1.2.1.4.40.1.3.1.2)	not-accessible	No	As per MIB
saviObjectsBindingIfIndex (1.3.6.1.2.1.4.40.1.3.1.3)	not-accessible	No	As per MIB
saviObjectsBindingIpAddress (1.3.6.1.2.1.4.40.1.3.1.4)	not-accessible	Current	As per MIB
saviObjectsBindingMacAddr (1.3.6.1.2.1.4.40.1.3.1.5)	read- create	Current	As per MIB
saviObjectsBindingState (1.3.6.1.2.1.4.40.1.3.1.6)	read- create	Current	As per MIB
saviObjectsBindingLifetime (1.3.6.1.2.1.4.40.1.3.1.7)	read- create	Current	As per MIB

saviObjectsBindingRowStatus (1.3.6.1.2.1.4.40.1.3.1.8)	read- create	Current	As per MIB
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#### saviObjectsFilteringTable

OID of this table is: 1.3.6.1.2.1.4.40.1.4.1

Name	Access	PDS	Description
saviObjectsFilteringIpAddressType (1.3.6.1.2.1.4.40.1.4.1.1)	not-accessible	No	Only support Ipv6 version, value is 2.
saviObjectsFilteringIfIndex (1.3.6.1.2.1.4.40.1.4.1.2)	not-accessible	No	As per MIB
saviObjectsFilteringIpAddress (1.3.6.1.2.1.4.40.1.4.1.3)	not-accessible	No	As per MIB
saviObjectsFilteringMacAddr (1.3.6.1.2.1.4.40.1.4.1.4)	read-only	No	As per MIB