

Title: **H3C CR16000 Release 6223 Trap**

Messages

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Abstract: This document describes TRAP messages supported by H3C CR16000 Release 6223.

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Preface

Audience

This document describes all Trap messages which are supported by Comware V5 Platform.

This publication is designed for the installer and user with a working knowledge of the Comware V5 system software. Users of this publication might also include network administrators and other people responsible for setting up and maintaining these routers.

Organization

The sections of this document are as follows:

Chapter	Title	Description
1	Supported Traps	Lists all traps supported by Release 6223 of CR16000 product.
2	Public Traps	Describe all trap messages in public MIB modules supported by Comware V5 platform.
3	Private Traps	Describe all trap messages in private MIB modules supported by Comware V5 platform.

All Traps

Supported Traps List

Trap Name	MIB Module
coldStart (1.3.6.1.6.3.1.1.5.1)	SNMPv2-MIB
warmStart (1.3.6.1.6.3.1.1.5.2)	SNMPv2-MIB
linkDown (1.3.6.1.6.3.1.1.5.3)	SNMPv2-MIB
linkUp (1.3.6.1.6.3.1.1.5.4)	SNMPv2-MIB
bgpBackwardTransition (1.3.6.1.2.1.15.7.2)	BGP4-MIB
bgpEstablished (1.3.6.1.2.1.15.7.1)	BGP4-MIB
risingAlarm (1.3.6.1.2.1.16.0.1)	RMON-MIB
fallingAlarm (1.3.6.1.2.1.16.0.2)	RMON-MIB
ospfIfStateChange (1.3.6.1.2.1.14.16.2.16)	OSPF-MIB
ospfVirtIfStateChange (1.3.6.1.2.1.14.16.2.1)	OSPF-MIB
ospfNbrStateChange (1.3.6.1.2.1.14.16.2.2)	OSPF-MIB
ospfVirtNbrStateChange (1.3.6.1.2.1.14.16.2.3)	OSPF-MIB
ospfIfConfigError (1.3.6.1.2.1.14.16.2.4)	OSPF-MIB
ospfVirtIfConfigError (1.3.6.1.2.1.14.16.2.5)	OSPF-MIB
ospfIfAuthFailure (1.3.6.1.2.1.14.16.2.6)	OSPF-MIB
ospfVirtIfAuthFailure (1.3.6.1.2.1.14.16.2.7)	OSPF-MIB
ospfIfRxBadPacket (1.3.6.1.2.1.14.16.2.8)	OSPF-MIB
ospfVirtIfRxBadPacket (1.3.6.1.2.1.14.16.2.9)	OSPF-MIB
ospfTxRetransmit (1.3.6.1.2.1.14.16.2.10)	OSPF-MIB
ospfVirtIfTxRetransmit (1.3.6.1.2.1.14.16.2.11)	OSPF-MIB
ospfOriginateLsa (1.3.6.1.2.1.14.16.2.12)	OSPF-MIB
ospfMaxAgeLsa (1.3.6.1.2.1.14.16.2.13)	OSPF-MIB
ospfLsdbOverflow (1.3.6.1.2.1.14.16.2.14)	OSPF-MIB
ospfLsdbApproachingOverflow (1.3.6.1.2.1.14.16.2.15)	OSPF-MIB
pingProbeFailed (1.3.6.1.2.1.80.0.1)	DISMAN-PING-MIB
pingTestFailed (1.3.6.1.2.1.80.0.2)	DISMAN-PING-MIB
pingTestCompleted (1.3.6.1.2.1.80.0.3)	DISMAN-PING-MIB
lldpRemTablesChange (1.0.8802.1.1.2.0.0.1)	LLDP-MIB
mplsLdpSessionUp (1.3.6.1.2.1.10.166.4.0.3)	MPLS-LDP-STD-MIB
mplsLdpSessionDown (1.3.6.1.2.1.10.166.4.0.4)	MPLS-LDP-STD-MIB
mplsTunnelUp (1.3.6.1.2.1.10.166.3.0.1)	MPLS-TE-STD-MIB
mplsTunnelDown (1.3.6.1.2.1.10.166.3.0.2)	MPLS-TE-STD-MIB
mplsTunnelRerouted (1.3.6.1.2.1.10.166.3.0.3)	MPLS-TE-STD-MIB
mplsTunnelReoptimized (1.3.6.1.2.1.10.166.3.0.4)	MPLS-TE-STD-MIB
mplsXCUp (1.3.6.1.2.1.10.166.2.0.1)	MPLS-LSR-STD-MIB

Trap Name	MIB Module
mplsXCDown (1.3.6.1.2.1.10.166.2.0.2)	MPLS-LSR-STD-MIB
vrrpTrapNewMaster (1.3.6.1.2.1.68.0.1)	VRRP-MIB
vrrpTrapAuthFailure (1.3.6.1.2.1.68.0.2)	VRRP-MIB
isisDatabaseOverload (1.3.6.1.2.1.138.0.1)	ISIS-MIB
isisManualAddressDrops (1.3.6.1.2.1.138.0.2)	ISIS-MIB
isisCorruptedLSPDetected (1.3.6.1.2.1.138.0.3)	ISIS-MIB
isisAttemptToExceedMaxSequence (1.3.6.1.2.1.138.0.4)	ISIS-MIB
isisIDLenMismatch (1.3.6.1.2.1.138.0.5)	ISIS-MIB
isisMaxAreaAddressesMismatch (1.3.6.1.2.1.138.0.6)	ISIS-MIB
isisOwnLSPPurge (1.3.6.1.2.1.138.0.7)	ISIS-MIB
isisSequenceNumberSkip (1.3.6.1.2.1.138.0.8)	ISIS-MIB
isisAuthenticationTypeFailure (1.3.6.1.2.1.138.0.9)	ISIS-MIB
isisAuthenticationFailure (1.3.6.1.2.1.138.0.10)	ISIS-MIB
isisVersionSkew (1.3.6.1.2.1.138.0.11)	ISIS-MIB
isisAreaMismatch (1.3.6.1.2.1.138.0.12)	ISIS-MIB
isisRejectedAdjacency (1.3.6.1.2.1.138.0.13)	ISIS-MIB
isisLSPToolLargeToPropagate (1.3.6.1.2.1.138.0.14)	ISIS-MIB
isisOrigLSPBuffSizeMismatch (1.3.6.1.2.1.138.0.15)	ISIS-MIB
isisProtocolsSupportedMismatch (1.3.6.1.2.1.138.0.16)	ISIS-MIB
isisAdjacencyChange (1.3.6.1.2.1.138.0.17)	ISIS-MIB
isisLSPErrorDetected (1.3.6.1.2.1.138.0.18)	ISIS-MIB
frDLCIStatusChange (1.3.6.1.2.1.10.32.0.1)	FRAME-RELAY-DTE-MIB
dot1agCfmFaultAlarm (1.3.111.2.802.1.1.8.0.1)	IEEE8021-CFM-MIB
hh3cRebootSendTrap (1.3.6.1.4.1.25506.6.8.3)	HH3C-COMMON-SYSTEM-MIB
hh3cCfgManEventlog (1.3.6.1.4.1.25506.2.4.2.1)	HH3C-CONFIG-MAN-MIB
hh3cSysClockChangedNotification (1.3.6.1.4.1.25506.2.3.2.1)	HH3C-SYS-MAN-MIB
hh3cEntityExtTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.1)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtCpuUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.4)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtCriticalTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.8)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtSFPAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.9)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtSFPAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.10)	HH3C-ENTITY-EXT-MIB

Trap Name	MIB Module
hh3cEntityExtSFPPPhony (1.3.6.1.4.1.25506.2.6.2.0.11)	HH3C-ENTITY-EXT-MIB
hh3cEntityInsert (1.3.6.1.4.1.25506.2.6.2.0.12)	HH3C-ENTITY-EXT-MIB
hh3cEntityRemove (1.3.6.1.4.1.25506.2.6.2.0.13)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtForcedPowerOff (1.3.6.1.4.1.25506.2.6.2.0.14)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtForcedPowerOn (1.3.6.1.4.1.25506.2.6.2.0.15)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtFaultAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.16)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtFaultAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.17)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtTemperatureLower (1.3.6.1.4.1.25506.2.6.2.0.20)	HH3C-ENTITY-EXT-MIB
hh3cEntityExtTemperatureNormal (1.3.6.1.4.1.25506.2.6.2.0.22)	HH3C-ENTITY-EXT-MIB
hh3cRadiusAuthServerDownTrap (1.3.6.1.4.1.25506.2.13.3.1)	HH3C-RADIUS-MIB
hh3cRadiusAccServerDownTrap (1.3.6.1.4.1.25506.2.13.3.2)	HH3C-RADIUS-MIB
hh3cRadiusAuthErrTrap (1.3.6.1.4.1.25506.2.13.3.0.3)	HH3C-RADIUS-MIB
hh3cpririsingAlarm (1.3.6.1.4.1.25506.8.4.0.1)	HH3C-RMON-EXT-MIB
hh3cprifallingAlarm (1.3.6.1.4.1.25506.8.4.0.2)	HH3C-RMON-EXT-MIB
hh3cpowerfailure (1.3.6.1.4.1.25506.8.35.12.1.1)	HH3C-LswTRAP-MIB
hh3cPowerNormal (1.3.6.1.4.1.25506.8.35.12.1.2)	HH3C-LswTRAP-MIB
hh3cPowerRemoved (1.3.6.1.4.1.25506.8.35.12.1.5)	HH3C-LswTRAP-MIB
hh3cfanfailure (1.3.6.1.4.1.25506.8.35.12.1.6)	HH3C-LswTRAP-MIB
hh3cFanNormal (1.3.6.1.4.1.25506.8.35.12.1.7)	HH3C-LswTRAP-MIB
hh3cBoardRemoved (1.3.6.1.4.1.25506.8.35.12.1.8)	HH3C-LswTRAP-MIB
hh3cBoardInserted (1.3.6.1.4.1.25506.8.35.12.1.9)	HH3C-LswTRAP-MIB
hh3cBoardFailure (1.3.6.1.4.1.25506.8.35.12.1.10)	HH3C-LswTRAP-MIB
hh3cBoardNormal (1.3.6.1.4.1.25506.8.35.12.1.11)	HH3C-LswTRAP-MIB
hh3cSubcardRemove (1.3.6.1.4.1.25506.8.35.12.1.12)	HH3C-LswTRAP-MIB
hh3cSubcardInsert (1.3.6.1.4.1.25506.8.35.12.1.13)	HH3C-LswTRAP-MIB
hh3cRequestLoading (1.3.6.1.4.1.25506.8.35.12.1.18)	HH3C-LswTRAP-MIB
hh3cLoadFailure (1.3.6.1.4.1.25506.8.35.12.1.19)	HH3C-LswTRAP-MIB
hh3cLoadFinished (1.3.6.1.4.1.25506.8.35.12.1.20)	HH3C-LswTRAP-MIB
hh3cPowerInserted (1.3.6.1.4.1.25506.8.35.12.1.23)	HH3C-LswTRAP-MIB
hh3cSlaveSwitchOver (1.3.6.1.4.1.25506.8.35.17.10.1)	HH3C-LswMix-MIB
hh3cAggPortActiveNotification	HH3C-LAG-MIB

Trap Name	MIB Module
(1.3.6.1.4.1.25506.8.25.2.4)	
hh3cAggPortInactiveNotification2 (1.3.6.1.4.1.25506.8.25.2.3)	HH3C-LAG-MIB
hh3cArpTabFullTrap (1.3.6.1.4.1.25506.2.38.1.2.4.1)	HH3C-TRAP-MIB
hh3cMulticastTabFullTrap (1.3.6.1.4.1.25506.2.38.1.4.4.1)	HH3C-TRAP-MIB
hh3cNdTabFullTrap (1.3.6.1.4.1.25506.2.38.1.5.4.1)	HH3C-TRAP-MIB
hh3cDLDPUnidirectionalPort (1.3.6.1.4.1.25506.2.43.2.1.1)	HH3C-DLDP-MIB
hh3cRrppRingRecover (1.3.6.1.4.1.25506.2.45.3.1)	HH3C-RRPP-MIB
hh3cRrppRingFail (1.3.6.1.4.1.25506.2.45.3.2)	HH3C-RRPP-MIB
hh3cRrppMultiMaster (1.3.6.1.4.1.25506.2.45.3.3)	HH3C-RRPP-MIB
hh3cRrppMajorFault (1.3.6.1.4.1.25506.2.45.3.4)	HH3C-RRPP-MIB
hh3cSysColdStartTrap (1.3.6.1.4.1.25506.6.8.4)	HH3C-COMMON-SYSTEM-MIB
hh3cSysWarmStartTrap (1.3.6.1.4.1.25506.6.8.5)	HH3C-COMMON-SYSTEM-MIB
hh3cCfgInvalidConfigFile (1.3.6.1.4.1.25506.2.4.2.3)	HH3C-CONFIG-MAN-MIB
hh3cDHCPSEServerAddrExhaust (1.3.6.1.4.1.25506.2.101.3.0.1)	HH3C-DHCPS-MIB
hh3cDHCPSEServerAddrExhaustRecover (1.3.6.1.4.1.25506.2.101.3.0.2)	HH3C-DHCPS-MIB
hh3cDHCPSEServerAvgIpUsageOverflow (1.3.6.1.4.1.25506.2.101.3.0.3)	HH3C-DHCPS-MIB
hh3cDHCPSEServerMaxIpUsageOverflow (1.3.6.1.4.1.25506.2.101.3.0.4)	HH3C-DHCPS-MIB
hh3cDHCPSEServerAllocateOverflow (1.3.6.1.4.1.25506.2.101.3.0.5)	HH3C-DHCPS-MIB
hh3cRadiusAuthServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.1)	HH3C-RADIUS-MIB
hh3cRadiusAccServerUpTrap (1.3.6.1.4.1.25506.2.13.3.0.2)	HH3C-RADIUS-MIB
hh3cIpAddressChangeNotify (1.3.6.1.4.1.25506.2.67.2.2.0.1)	HH3C-IP-ADDRESS-MIB
hh3cNqaProbeTimeOverThreshold (1.3.6.1.4.1.25506.8.3.3.1)	HH3C-NQA-MIB
hh3cNqaJitterRTTOverThreshold (1.3.6.1.4.1.25506.8.3.3.2)	HH3C-NQA-MIB
hh3cNqaProbeFailure (1.3.6.1.4.1.25506.8.3.3.3)	HH3C-NQA-MIB
hh3cNqaJitterPacketLoss (1.3.6.1.4.1.25506.8.3.3.4)	HH3C-NQA-MIB
hh3cNqaJitterSDOverThreshold (1.3.6.1.4.1.25506.8.3.3.5)	HH3C-NQA-MIB
hh3cNqaJitterDSOverThreshold	HH3C-NQA-MIB

Trap Name	MIB Module
(1.3.6.1.4.1.25506.8.3.3.6)	
hh3cNqaCPIFOverThreshold (1.3.6.1.4.1.25506.8.3.3.7)	HH3C-NQA-MIB
hh3cNqaMOSOverThreshold (1.3.6.1.4.1.25506.8.3.3.8)	HH3C-NQA-MIB
hh3cPosB1TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.15)	HH3C-PPP-OVER-SONET-MIB
hh3cPosB2TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.16)	HH3C-PPP-OVER-SONET-MIB
hh3cPosB3TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.17)	HH3C-PPP-OVER-SONET-MIB
hh3cPBRNextHopFailedTrap (1.3.6.1.4.1.25506.2.113.1.2.2.0.1)	HH3C-PBR-MIB

Public Traps List

Trap Name	MIB Module	MIB File
coldStart	SNMPv2-MIB	rfc1450-snmpv2.mib
warmStart	SNMPv2-MIB	rfc1450-snmpv2.mib
linkDown	IF-MIB	rfc2233-if.mib
linkUp	IF-MIB	rfc2233-if.mib
authenticationFailure	SNMPv2-MIB	rfc1450-snmpv2.mib
isdNmbCallInformation	ISDN-MIB	rfc2127-isdNmb.mib
dialCtlPeerCallSetup	DIAL-CONTROL-MIB	rfc2128-dial-control.mib
frDLCIStatusChange	FRAME-RELAY-DTE-MIB	rfc2115-fr-dte.mib
ipv6IfStateChange	IPV6-MIB	rfc2465-ipv6.mib
mplsXCUp(1.3.6.1.2.1.10.166.2.0.1)	MPLS-LSR-STD-MIB	rfc3813-mpls-lsr-std.mib
mplsXCDown(1.3.6.1.2.1.10.166.2.0.2)	MPLS-LSR-STD-MIB	rfc3813-mpls-lsr-std.mib
mplsTunnelUp (1.3.6.1.2.1.10.166.3.0.1)	MPLS-TE-STD-MIB	rfc3812-mpls-te-std.mib
mplsTunnelDown (1.3.6.1.2.1.10.166.3.0.2)	MPLS-TE-STD-MIB	rfc3812-mpls-te-std.mib
mplsTunnelRerouted (1.3.6.1.2.1.10.166.3.0.3)	MPLS-TE-STD-MIB	rfc3812-mpls-te-std.mib
mplsTunnelReoptimized (1.3.6.1.2.1.10.166.3.0.4)	MPLS-TE-STD-MIB	rfc3812-mpls-te-std.mib
mplsLdpSessionUp (1.3.6.1.2.1.10.166.4.0.3)	MPLS-LDP-STD-MIB	rfc3815-mpls-ldp-std.mib
mplsLdpSessionDown (1.3.6.1.2.1.10.166.4.0.4)	MPLS-LDP-STD-MIB	rfc3815-mpls-ldp-std.mib
ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1)	OSPF-MIB	rfc1850-ospf.mib

Trap Name	MIB Module	MIB File
ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2)	OSPF-MIB	rfc1850-ospf.mib
ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3)	OSPF-MIB	rfc1850-ospf.mib
ospfIfConfigError(1.3.6.1.2.1.14.16.2.4)	OSPF-MIB	rfc1850-ospf.mib
ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5)	OSPF-MIB	rfc1850-ospf.mib
ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6)	OSPF-MIB	rfc1850-ospf.mib
ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7)	OSPF-MIB	rfc1850-ospf.mib
ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8)	OSPF-MIB	rfc1850-ospf.mib
ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9)	OSPF-MIB	rfc1850-ospf.mib
ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10)	OSPF-MIB	rfc1850-ospf.mib
ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11)	OSPF-MIB	rfc1850-ospf.mib
ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12)	OSPF-MIB	rfc1850-ospf.mib
ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13)	OSPF-MIB	rfc1850-ospf.mib
ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-MIB	rfc1850-ospf.mib
ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.15)	OSPF-MIB	rfc1850-ospf.mib
ospfIfStateChange(1.3.6.1.2.1.14.16.2.16)	OSPF-MIB	rfc1850-ospf.mib
bgpEstablished(1.3.6.1.2.1.15.7.1)	BGP4-MIB	rfc1657-bgp4.mib
bgpBackwardTransition(1.3.6.1.2.1.15.7.2)	BGP4-MIB	rfc1657-bgp4.mib
risingAlarm	RMON-MIB	rfc2819-rmon.mib
fallingAlarm	RMON-MIB	rfc2819-rmon.mib
entConfigChange	ENTITY-MIB	rfc2737-entity.mib
vrrpTrapNewMaster	VRRP-MIB	rfc2787-vrrp.mib
vrrpTrapAuthFailure	VRRP-MIB	rfc2787-vrrp.mib
pingProbeFailed	DISMAN-PING-MIB	rfc2925-disman-ping.mib
pingTestFailed	DISMAN-PING-MIB	rfc2925-disman-ping.mib
pingTestCompleted	DISMAN-PING-MIB	rfc2925-disman-ping.mib
pethPsePortOnOffNotification	POWER-ETHERNET-MIB	rfc3621-power-ethernet.mib
pethMainPowerUsageOnNotification	POWER-ETHERNET-MIB	rfc3621-power-ethernet.mib
pethMainPowerUsageOffNotification	POWER-ETHERNET-MIB	rfc3621-power-ethernet.mib
isisDatabaseOverload(1.3.6.1.2.1.138.0.1)	ISIS-MIB	rfc4444-isis.mib
isisManualAddressDrops(1.3.6.1.2.1.138.0.2)	ISIS-MIB	rfc4444-isis.mib
isisCorruptedLSPDetected(1.3.6.1.2.1.138.0.3)	ISIS-MIB	rfc4444-isis.mib

Trap Name	MIB Module	MIB File
isisAttemptToExceedMaxSequence(1.3.6.1.2.1.138.0.4)	ISIS-MIB	rfc4444-isis.mib
isisIDLenMismatch(1.3.6.1.2.1.138.0.5)	ISIS-MIB	rfc4444-isis.mib
isisMaxAreaAddressesMismatch(1.3.6.1.2.1.138.0.6)	ISIS-MIB	rfc4444-isis.mib
isisOwnLSPPurge(1.3.6.1.2.1.138.0.7)	ISIS-MIB	rfc4444-isis.mib
isisSequenceNumberSkip(1.3.6.1.2.1.138.0.8)	ISIS-MIB	rfc4444-isis.mib
isisAuthenticationTypeFailure(1.3.6.1.2.1.138.0.9)	ISIS-MIB	rfc4444-isis.mib
isisAuthenticationFailure(1.3.6.1.2.1.138.0.10)	ISIS-MIB	rfc4444-isis.mib
isisVersionSkew(1.3.6.1.2.1.138.0.11)	ISIS-MIB	rfc4444-isis.mib
isisAreaMismatch(1.3.6.1.2.1.138.0.12)	ISIS-MIB	rfc4444-isis.mib
isisRejectedAdjacency(1.3.6.1.2.1.138.0.13)	ISIS-MIB	rfc4444-isis.mib
isisLSPToolLargeToPropagate(1.3.6.1.2.1.138.0.14)	ISIS-MIB	rfc4444-isis.mib
isisOrigLSPBuffSizeMismatch(1.3.6.1.2.1.138.0.15)	ISIS-MIB	rfc4444-isis.mib
isisProtocolsSupportedMismatch(1.3.6.1.2.1.138.0.16)	ISIS-MIB	rfc4444-isis.mib
isisAdjacencyChange(1.3.6.1.2.1.138.0.17)	ISIS-MIB	rfc4444-isis.mib
isisLSPErrorDetected(1.3.6.1.2.1.138.0.18)	ISIS-MIB	rfc4444-isis.mib
pimNeighborLoss(1.3.6.1.2.1.157.0.1)	PIM-STD-MIB	rfc5060-pim-std.mib
pimBsrElectedBSRLostElection(1.3.6.1.2.1.172.0.1)	PIM-BSR-MIB	rfc5240-pim-bsr.mib
pimBsrCandidateBSRWinElection(1.3.6.1.2.1.172.0.2)	PIM-BSR-MIB	rfc5240-pim-bsr.mib
dot11Disassociate (1.2.840.10036.1.6.0.1)	IEEE802dot11-MIB	ieee802dot11.mib
dot11Deauthenticate (1.2.840.10036.1.6.0.2)	IEEE802dot11-MIB	ieee802dot11.mib
dot11AuthenticateFail (1.2.840.10036.1.6.0.3)	IEEE802dot11-MIB	ieee802dot11.mib
lldpRemTablesChange(1.0.8802.1.1.2.0.0.1)	LLDP-MIB	lldp.mib
dot1agCfmFaultAlarm(1.3.111.2.802.1.1.8.0.1)	IEEE8021-CFM-MIB	ieee8021-cfm.mib
dot3OamThresholdEvent(1.3.6.1.2.1.158.0)	DOT3-OAM-MIB	rfc4878-dot3-oam.mib

Trap Name	MIB Module	MIB File
.1)		
dot3OamNonThresholdEvent(1.3.6.1.2.1.158.0.2)	DOT3-OAM-MIB	rfc4878-dot3-oam.mib
pimBsrElectedBSRLostElection(1.3.6.1.2.1.172.0.1)	PIM-BSR-MIB	rfc5240-pim-bsr.mib
pimBsrCandidateBSRWinElection(1.3.6.1.2.1.172.0.2)	PIM-BSR-MIB	rfc5240-pim-bsr.mib
pimNeighborLoss(1.3.6.1.2.1.157.0.1)	PIM-STD-MIB	rfc5060-pim-std.mib
capwapBaseChannelUp(1.3.6.1.2.1.196.0.1)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseChannelDown(1.3.6.1.2.1.196.0.2)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseJoinFailure(1.3.6.1.2.1.196.0.4)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseImageUpgradeFailure(1.3.6.1.2.1.196.0.5)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseConfigMsgError(1.3.6.1.2.1.196.0.6)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseRadioOperableStatus(1.3.6.1.2.1.196.0.7)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
capwapBaseAuthenFailure(1.3.6.1.2.1.196.0.8)	CAPWAP-BASE-MIB	rfc5833-capwap-base.mib
pwDown(1.3.6.1.2.1.10.246.0.1)	PW-STD-MIB	rfc5601-pw-std.mib
pwUp(1.3.6.1.2.1.10.246.0.2)	PW-STD-MIB	rfc5601-pw-std.mib
pwDeleted(1.3.6.1.2.1.10.246.0.3)	PW-STD-MIB	rfc5601-pw-std.mib

Private Traps List

Trap Name	MIB Module	MIB File
hh3cLogIn	HH3C-UI-MAN-MIB	hh3c-ui-man.mib
hh3cLogOut	HH3C-UI-MAN-MIB	hh3c-ui-man.mib
hh3cLogInAuthenFailure	HH3C-UI-MAN-MIB	hh3c-ui-man.mib
hh3cSysClockChangedNotification	HH3C-SYS-MAN-MIB	hh3c-sys-man.mib
hh3cSysReloadNotification	HH3C-SYS-MAN-MIB	hh3c-sys-man.mib
hh3cSysStartUpNotification	HH3C-SYS-MAN-MIB	hh3c-sys-man.mib
hh3cCfgManEventlog	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib
hh3cCfgOperateCompletion	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib
hh3cCfgInvalidConfigFile	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib
hh3cFlhOperNotification	HH3C-FLASH-MAN-MIB	hh3c-flash-man.mib

Trap Name	MIB Module	MIB File
hh3cEntityExtTemperatureThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtVoltageLowThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtVoltageHighThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtCpuUsageThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtMemUsageThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtOperEnabled	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtOperDisabled	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtCriticalTemperatureThresholdNotification	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtSFPAlarmOn	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtSFPAlarmOff	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtSFPPPhony	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityInsert	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityRemove	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtForcedPowerOff	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtForcedPowerOn	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtFaultAlarmOn	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtFaultAlarmOff	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtResourceLack	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtResourceEnough	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtTemperatureLower	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtTemperatureTooUp	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtTemperatureNormal	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExternalAlarmOccur	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExternalAlarmRecover	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtCpuUsageThresholdRecover	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtMemUsageThresholdRecover	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtFanDirectionNotPreferred	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtFanDirectionNotAccord	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtSFPInvalid	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cEntityExtSFPInvalidNow	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib
hh3cIPSecTunnelStart	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib

Trap Name	MIB Module	MIB File
hh3cIPSecTunnelStop	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib
hh3cIPSecPolicyAdd	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib
hh3cIPSecPolicyDel	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib
hh3cIPSecPolicyAttach	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib
hh3cIPSecPolicyDetach	HH3C-IPSEC-MONITOR-MIB	hh3c-ipsec-monitor.mib
hh3cRadiusAuthServerUpTrap	HH3C-RADIUS-MIB	hh3c-radius.mib
hh3cRadiusAccServerUpTrap	HH3C-RADIUS-MIB	hh3c-radius.mib
hh3cRadiusAuthErrTrap	HH3C-RADIUS-MIB	hh3c-radius.mib
hh3cRadiusAuthServerDownTrap	HH3C-RADIUS-MIB	hh3c-radius.mib
hh3cRadiusAccServerDownTrap	HH3C-RADIUS-MIB	hh3c-radius.mib
hh3cpsePDChangeNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEDisconnectNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEInputErrorNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEOutputErrorNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEOverVoltageNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEOverTempNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEFanErrorNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEModuleShutdownNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOECurRestrictedNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACSwitchNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACInCurANotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACInCurBNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACInCurCNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib

Trap Name	MIB Module	MIB File
		b
hh3cPOEACSwitchVolABNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACSwitchVolBCNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEACSwitchVolCANotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEDCOutVolNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cPOEShutdownNotification	HH3C-POWER-ETH-EXT-MIB	hh3c-power-eth-ext.mib
hh3cAal5VccStateChange	HH3C-AAL5-MIB	hh3c-aal5.mib
hh3cSecureAddressLearned	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureViolation	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureLoginFailure	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureLogon	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureLogoff	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureRalmLoginFailure	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureRalmLogon	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cSecureRalmLogoff	HH3C-PORT-SECURITY-MIB	hh3c-port-security.mib
hh3cIKETunnelStart	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKETunnelStop	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKENoSaFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEEncryFailFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEDecryFailFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidProposalFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEAuthFailFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidCookieFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEAttrNotSuppFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEUnsportExchTypeFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidIdFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidProtocolFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKECertTypeUnsuppFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidCertAuthFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEInvalidSignFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKECertUnavailableFailure	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEProposalAdd	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cIKEProposalDel	HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib
hh3cMacTabFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cMacTabAlmostFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib

Trap Name	MIB Module	MIB File
hh3cArpTabFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cRtTabFullTrap (1.3.6.1.4.1.25506.2.38.1.3.5.1)	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cDefaultRtDelTrap (1.3.6.1.4.1.25506.2.38.1.3.5.3)	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cDetailRtTabFullTrap (1.3.6.1.4.1.25506.2.38.1.3.5.2)	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cMulticastTabFullTrap (1.3.6.1.4.1.25506.2.38.1.4.4.1)	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cNdTabFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cPeriodicalTrap	HH3C-TRAP-MIB	hh3c-trap.mib
hh3cPosB1TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.15)	HH3C-PPP-OVER-SONET-MIB	hh3c-ppp-over-sonet.mib
hh3cPosB2TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.16)	HH3C-PPP-OVER-SONET-MIB	hh3c-ppp-over-sonet.mib
hh3cPosB3TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.17)	HH3C-PPP-OVER-SONET-MIB	hh3c-ppp-over-sonet.mib
hh3cIfBandwidthUsageHigh	HH3C-IF-EXT-MIB	hh3c-if-ext.mib
hh3cIfDiscardPktRateHigh	HH3C-IF-EXT-MIB	hh3c-if-ext.mib
hh3cDLDPUndirectionalPort(1.3.6.1.4.1.25506.2.43.2.1.1)	HH3C-DLDP-MIB	hh3c-dldp.mib
hh3cRrppRingRecover(1.3.6.1.4.1.25506.2.45.3.1)	HH3C-RRPP-MIB	hh3c-rrpp.mib
hh3cRrppRingFail(1.3.6.1.4.1.25506.2.45.3.2)	HH3C-RRPP-MIB	hh3c-rrpp.mib
hh3cRrppMultiMaster(1.3.6.1.4.1.25506.2.45.3.3)	HH3C-RRPP-MIB	hh3c-rrpp.mib
hh3cRrppMajorFault(1.3.6.1.4.1.25506.2.45.3.4)	HH3C-RRPP-MIB	hh3c-rrpp.mib
hh3cCBQoSIfPolicyChanged (1.3.6.1.4.1.25506.2.65.2.1.7.0.1)	HH3C-CBQOS2-MIB	hh3c-cbqos2.mib
hh3cCBQoSIfPolicyChanged (1.3.6.1.4.1.25506.2.65.2.1.7.0.2)	HH3C-CBQOS2-MIB	hh3c-cbqos2.mib
hh3cStormRising	HH3C-STORM-CONSTRAIN-MIB	hh3c-storm-constrain.mib
hh3cStormFalling	HH3C-STORM-CONSTRAIN-MIB	hh3c-storm-constrain.mib
hh3cIpAddressChangeNotify	HH3C-IP-ADDRESS-MIB	hh3c-ip-address.mib
hh3cDot11ACMTunnelSetupTrap (1.3.6.1.4.1.25506.2.75.1.3.0.1)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib

Trap Name	MIB Module	MIB File
hh3cDot11ACMtTunnelDownTrap (1.3.6.1.4.1.25506.2.75.1.3.0.2)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11ACMtBackupSwTTrap (1.3.6.1.4.1.25506.2.75.1.3.0.3)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11ACLoadBalanceTrap (1.3.6.1.4.1.25506.2.75.1.3.0.4)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtWorkModeChgTrap (1.3.6.1.4.1.25506.2.75.2.3.0.1)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtCfgErrorTrap (1.3.6.1.4.1.25506.2.75.2.3.0.2)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtRadioFailTrap (1.3.6.1.4.1.25506.2.75.2.3.0.3)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtRdoChanlChgTrap (1.3.6.1.4.1.25506.2.75.2.3.0.5)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtTimeSynFail (1.3.6.1.4.1.25506.2.75.2.3.0.6)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtChlIntfDetected (1.3.6.1.4.1.25506.2.75.2.3.0.7)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtIntfAPDetected (1.3.6.1.4.1.25506.2.75.2.3.0.8)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtIntfStaDetected (1.3.6.1.4.1.25506.2.75.2.3.0.9)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtIPChange (1.3.6.1.4.1.25506.2.75.2.3.0.10)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APFlashWriteFailure (1.3.6.1.4.1.25506.2.75.2.3.0.11)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APSysReboot (1.3.6.1.4.1.25506.2.75.2.3.0.12)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtAvailChlTooLow (1.3.6.1.4.1.25506.2.75.2.3.0.13)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APImgDwldSuccess (1.3.6.1.4.1.25506.2.75.2.3.0.14)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APInterfDetectedTrap (1.3.6.1.4.1.25506.2.75.2.3.0.15)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APInterfClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.16)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11StaInterfDetectedTrap (1.3.6.1.4.1.25506.2.75.2.3.0.17)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11StaInterfClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.18)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi

Trap Name	MIB Module	MIB File
hh3cDot11OtherDevIntDetectedTrap (1.3.6.1.4.1.25506.2.75.2.3.0.19)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11OtherDevIntClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.20)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APModuleTroubleTrap (1.3.6.1.4.1.25506.2.75.2.3.0.21)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APModuleTroubleClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.22)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APRadioDownTrap (1.3.6.1.4.1.25506.2.75.2.3.0.23)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APRadioDownRecovTrap (1.3.6.1.4.1.25506.2.75.2.3.0.24)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APStaFullTrap (1.3.6.1.4.1.25506.2.75.2.3.0.25)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APStaFullRecoverTrap (1.3.6.1.4.1.25506.2.75.2.3.0.26)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11DFSFreeCntBelowThrRecov (1.3.6.1.4.1.25506.2.75.2.3.0.27)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APTrapUserCntExceedThre (1.3.6.1.4.1.25506.2.75.2.3.0.32)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtDetectedIntfAP (1.3.6.1.4.1.25506.2.75.2.3.0.33)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtDetectedIntfSTA (1.3.6.1.4.1.25506.2.75.2.3.0.34)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11APMtDetectedIntfOtherDev (1.3.6.1.4.1.25506.2.75.2.3.0.35)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mbi
hh3cDot11StationMICErrorTrap (1.3.6.1.4.1.25506.2.75.3.2.0.1)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationAuthenErrorTrap (1.3.6.1.4.1.25506.2.75.3.2.0.2)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationAuthorFailTrap (1.3.6.1.4.1.25506.2.75.3.2.0.3)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationAssocFailTrap (1.3.6.1.4.1.25506.2.75.3.2.0.4)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationDeAssocTrap (1.3.6.1.4.1.25506.2.75.3.2.0.5)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationAuthorSuccTrap (1.3.6.1.4.1.25506.2.75.3.2.0.6)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11StationRoamingTrap (1.3.6.1.4.1.25506.2.75.3.2.0.7)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib

Trap Name	MIB Module	MIB File
hh3cDot11StationDisconnectTrap (1.3.6.1.4.1.25506.2.75.3.2.0.8)	HH3C-DOT11-STATION-MIB	hh3c-dot11-station.mib
hh3cDot11CfgCipherChange (1.3.6.1.4.1.25506.2.75.4.9.0.1)	HH3C-DOT11-CFG-MIB	hh3c-dot11-cfg.mib
hh3cDot11CfgPSKChange (1.3.6.1.4.1.25506.2.75.4.9.0.2)	HH3C-DOT11-CFG-MIB	hh3c-dot11-cfg.mib
hh3cDot11SSIDWepIDConflictTrap (1.3.6.1.4.1.25506.2.75.4.9.0.3)	HH3C-DOT11-CFG-MIB	hh3c-dot11-cfg.mib
hh3cDot11WIDSDetectRogueTrap (1.3.6.1.4.1.25506.2.75.5.3.1.1)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSAdHocTrap (1.3.6.1.4.1.25506.2.75.5.3.1.2)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSUnauthorSSIDTrap (1.3.6.1.4.1.25506.2.75.5.3.1.3)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSDisappearRogueTrap (1.3.6.1.4.1.25506.2.75.5.3.1.4)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSDetectAttack (1.3.6.1.4.1.25506.2.75.5.3.1.5)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSDetectWBridge (1.3.6.1.4.1.25506.2.75.5.3.1.6)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSFloodTrap (1.3.6.1.4.1.25506.2.75.5.3.1.7)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSSpoofTrap (1.3.6.1.4.1.25506.2.75.5.3.1.8)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11WIDSWeakIVTrap (1.3.6.1.4.1.25506.2.75.5.3.1.9)	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib
hh3cDot11RRMIntrfLimit (1.3.6.1.4.1.25506.2.75.8.3.1.0.1)	HH3C-DOT11-RRMIB	hh3c-dot11-rrm.mib
hh3cDot11RRMPERLimit (1.3.6.1.4.1.25506.2.75.8.3.1.0.2)	HH3C-DOT11-RRMIB	hh3c-dot11-rrm.mib
hh3cDot11RRMPowerChange (1.3.6.1.4.1.25506.2.75.8.3.2.0.1)	HH3C-DOT11-RRMIB	hh3c-dot11-rrm.mib
hh3cE1T1VITrapTimeSlot	HH3C-E1T1VI-MIB	hh3c-e1t1vi.mib
hh3cwapiUserwithInvalidCertificate	HH3C-WAPI-MIB	hh3c-wapi.mib
hh3cwapiStationReplayAttack	HH3C-WAPI-MIB	hh3c-wapi.mib
hh3cwapiTamperAttack	HH3C-WAPI-MIB	hh3c-wapi.mib
hh3cwapiLowSafeLevelAttack	HH3C-WAPI-MIB	hh3c-wapi.mib
hh3cwapiAddressRedirectionAttack	HH3C-WAPI-MIB	hh3c-wapi.mib
hh3cIpAddrChangeNotify	HH3C-NET-MAN-MIB	hh3c-net-man.mib
hh3cStackPortLinkStatusChange	HH3C-STACK-MIB	hh3c-stack.mib

Trap Name	MIB Module	MIB File
hh3cStackTopologyChange	HH3C-STACK-MIB	hh3c-stack.mib
hh3cWirelessCardInserted	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3cWirelessCardPulledOut	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3cUIMPinInvalid	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3cUIMPinChanged	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3cAccessMediaChanged	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3c3GRssiStrongSignalTrap (1.3.6.1.4.1.25506.2.98.3.0.6)	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3c3GRssiMediumSignalTrap (1.3.6.1.4.1.25506.2.98.3.0.7)	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3c3GRssiWeakSignalTrap (1.3.6.1.4.1.25506.2.98.3.0.8)	HH3C-3GMODEM-MIB	hh3c-3gmodem.mib
hh3cRebootSendTrap	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib
hh3cSysColdStartTrap	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib
hh3cSysWarmStartTrap	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib
hh3cpririsingAlarm	HH3C-RMON-EXT-MIB	hh3c-rmon-ext.mib
hh3cprifallingAlarm	HH3C-RMON-EXT-MIB	hh3c-rmon-ext.mib
hh3cpowerfailure	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cPowerNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cMasterPowerNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cSlavePowerNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cPowerRemoved	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cfanfailure	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cFanNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardRemoved	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardInserted	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardFailure	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cSubcardRemove	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cSubcardInsert	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardTemperatureLower	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardTemperatureFromLowerToNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardTemperatureHigher	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBoardTemperatureFormHigherToNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cRequestLoading	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib

Trap Name	MIB Module	MIB File
hh3cLoadFailure	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cLoadFinished	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBackBoardModeSetFailure	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBackBoardModeSetOK	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cPowerInserted	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cBootImageUpdated	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib
hh3cSlaveSwitchOver	HH3C-LswMix-MIB	hh3c-splat-mix.mib
hh3cDot11APCpuUsageHigh	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib
hh3cDot11APCpuUsageHighRecover	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib
hh3cDot11APMemUsageHigh	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib
hh3cDot11APMemUsageHighRecover	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib
hh3cLpbkdtTrapLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.1)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib
hh3cLpbkdtTrapRecovered(1.3.6.1.4.1.25506.2.95.1.0.2)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib
hh3cPortMstiStateForwarding(1.3.6.1.4.1.25506.8.35.14.0.1)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cPortMstiStateDiscarding(1.3.6.1.4.1.25506.8.35.14.0.2)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cBridgeLostRootPrimary(1.3.6.1.4.1.25506.8.35.14.0.3)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cPortMstiRootGuarded(1.3.6.1.4.1.25506.8.35.14.0.4)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cPortMstiBpduGuarded(1.3.6.1.4.1.25506.8.35.14.0.5)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cPortMstiLoopGuarded(1.3.6.1.4.1.25506.8.35.14.0.6)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib
hh3cAggPortInactiveNotification(1.3.6.1.4.1.25506.8.25.2.2)	HH3C-LAG-MIB	hh3c-lag.mib
hh3cAggPortInactiveNotification2(1.3.6.1.4.1.25506.8.25.2.3)	HH3C-LAG-MIB	hh3c-lag.mib
hh3cAggPortActiveNotification(1.3.6.1.4.1.25506.8.25.2.4)	HH3C-LAG-MIB	hh3c-lag.mib
hh3cDDosAttackStart	HH3C-AFC-MIB	hh3c-afc.mib
hh3cDDosAttackEnd	HH3C-AFC-MIB	hh3c-afc.mib
hh3cPosaServerStatusChange	HH3C-POSA-MIB	hh3c-posa.mib
hh3cPosaAppStateChange	HH3C-POSA-MIB	hh3c-posa.mib
hh3cPortalServerLost	HH3C-PORTAL-MIB	hh3c-portal.mib

Trap Name	MIB Module	MIB File
hh3cPortalServerGet	HH3C-PORTAL-MIB	hh3c-portal.mib
hh3csuppllicantproxycheck	HH3C-8021PAE-MIB	hh3c-8021x-ext.mib
hh3cposAppNotReadyTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppConnectFailTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppStateChangeTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppNotConfigedTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppBuffOverFlowTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppDebugOpenTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposAppDebugAllOpenTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposInterBuffOverFlowTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposInterStateChangeTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposInterDebugOpenTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposInterDebugAllOpenTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposFCMTimeoutTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposFCMConnectFailTrap	HH3C-POS-MIB	hh3c-pos.mib
hh3cposClearPacketCounter	HH3C-POS-MIB	hh3c-pos.mib
hh3cposClearFcmCounter	HH3C-POS-MIB	hh3c-pos.mib
hh3cSSHUserAuthFailure	HH3C-SSH-MIB	hh3c-ssh.mib
hh3cSSHVersionNegotiationFailure	HH3C-SSH-MIB	hh3c-ssh.mib
hh3cSSHUserLogin	HH3C-SSH-MIB	hh3c-ssh.mib
hh3cSSHUserLogoff	HH3C-SSH-MIB	hh3c-ssh.mib
hh3cMACInformationChangedTrap	HH3C-MAC-INFORMATION-MIB	hh3c-mac-information.mib
hh3cMACInformationChangedTrapExt	HH3C-MAC-INFORMATION-MIB	hh3c-mac-information.mib
hh3cDHCPServerAddrExhaust	HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib
hh3cDHCPServerAddrExhaustRecover	HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib
hh3cDHCPServerAvgIpUsageOverflow	HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib
hh3cDHCPServerMaxIpUsageOverflow	HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib
hh3cDHCPServerAllocateOverflow	HH3C-DHCP-SERVER-MIB	hh3c-dhcp-server.mib
hh3cPPPoESAbnormOffsAlarm	HH3C-PPPOE-SERVER-MIB	hh3c-pppoe-server.mib
hh3cPPPoESAbnormOffPerAlarm	HH3C-PPPOE-SERVER-MIB	hh3c-pppoe-server.mib
hh3cPPPoESNormOffPerAlarm	HH3C-PPPOE-SERVER-MIB	hh3c-pppoe-server.mib
hh3cARPRatelimitOverspeedTrap	HH3C-ARP-RATELIMIT-MIB	hh3c-arp-ratelimit.mib

Trap Name	MIB Module	MIB File
hh3chgmpMemberfailure	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpMemberRecover	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpMemberStatusChange	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpNetTopChange	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpStackMemberfailure	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpStackMemberRecover	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3chgmpStackMemberStatusChange	HH3C-HGMP-MIB	hh3c-hgmp.mib
hh3cChanblsdnCall	HH3C-ISDN-MIB	hh3c-isdn.mib
hh3cQ931IsdnCallSetup	HH3C-ISDN-MIB	hh3c-isdn.mib
hh3cQ931IsdnCallClear	HH3C-ISDN-MIB	hh3c-isdn.mib
hh3cLapdIsdnStatusChange	HH3C-ISDN-MIB	hh3c-isdn.mib
hh3cNqaProbeTimeOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaJitterRTTOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaProbeFailure	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaJitterPacketLoss	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaJitterSDOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaJitterDSOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaICPIFOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cNqaMOSOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib
hh3cTeTunnelPsSwitchWtoP (1.3.6.1.4.1.25506.2.115.3.0.1)	HH3C-TE-TUNNEL-MIB	hh3c-te-tunnel.mib
hh3cTeTunnelPsSwitchPtoW (1.3.6.1.4.1.25506.2.115.3.0.2)	HH3C-TE-TUNNEL-MIB	hh3c-te-tunnel.mib

Public Traps

1. coldStart

OID of this trap is:

1.3.6.1.6.3.1.1.5.1

Module of MIB:

SNMPv2-MIB

MIB file:

rfc1450-snmpv2.mib

Description:

A coldStart trap signifies that the SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration may have been altered.

Object Name	Object Type	Object Value Scope
N/A	N/A	N/A

Trigger Action:

Reinitializing SNMPv2 entity and its configuration may have been altered

Recommended Action:

No action is required.

2. warmStart

OID of this trap is:

1.3.6.1.6.3.1.1.5.2

Module of MIB:

SNMPv2-MIB

MIB file:

rfc1450-snmpv2.mib

Description:

A warmStart trap signifies that the SNMPv2 entity, acting in an agent role, is reinitializing itself such that its configuration is unaltered.

Object Name	Object Type	Object Value Scope
N/A	N/A	N/A

Trigger Action:

Reinitializing SNMPv2 entity and its configuration is unaltered.

Recommended Action:

No action is required.

3. linkDown

OID of this trap is:

1.3.6.1.6.3.1.1.5.3

Module of MIB:

IF-MIB

MIB file:

rfc2233-if.mib

Description:

A linkDown trap signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifAdminStatus (1.3.6.1.2.1.2.2.1.7)	INTEGER	up(1), down(2), testing(3)
ifOperStatus (1.3.6.1.2.1.2.2.1.8)	INTEGER	up(1), down(2), testing(3), unknown(4), dormant(5), notPresent(6), lowerLayerDown(7)

Trigger Action:

Change the status of protocol on an interface.

Recommended Action:

Shutdown or undo shutdown.

4. linkUp

OID of this trap is:

1.3.6.1.6.3.1.1.5.4

Module of MIB:

IF-MIB

MIB file:

rfc2233-if.mib

Description:

A linkDown trap signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links left the down state and transitioned into some other state (but not into the notPresent state). This other state is indicated by the included value of ifOperStatus.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifAdminStatus (1.3.6.1.2.1.2.2.1.7)	INTEGER	up(1), down(2), testing(3)
ifOperStatus (1.3.6.1.2.1.2.2.1.8)	INTEGER	up(1), down(2), testing(3), unknown(4), dormant(5), notPresent(6), lowerLayerDown(7)

Trigger Action:

Change the status of protocol on an interface.

Recommended Action:

Shutdown or undo shutdown.

5. authenticationFailure

OID of this trap is:

1.3.6.1.6.3.1.1.5.5

Module of MIB:

SNMPv2-MIB

MIB file:

rfc1450-snmpv2.mib

Description:

An authenticationFailure trap signifies that the SNMPv2 entity, acting in an agent role, has received a protocol message that is not properly authenticated. While all implementations of the SNMPv2 must be capable of generating this trap, the snmpEnableAuthenTraps object indicates whether this trap will be generated.

Object Name	Object Type	Object Value Scope
N/A	N/A	N/A

Trigger Action:

Received a protocol message that is not properly authenticated

Recommended Action:

No action is required.

6. isdnMibCallInformation

OID of this trap is:

1.3.6.1.2.1.10.20.2.0.1

Module of MIB:

ISDN-MIB

MIB file:

rfc2127-isdn.mib

Description:

This trap indicates information of calls.

Object Name	Object Type	Object Value Scope
ifIndex	Integer32	
isdnBearerOperStatus	INTEGER	idle(1), connecting(2), connected(3), active(4)
isdnBearerPeerAddress	DisplayString	OCTET STRING (0..255)
isdnBearerPeerSubAddress	DisplayString	OCTET STRING (0..255)
isdnBearerCallSetupTime	TimeTicks	
isdnBearerInfoType	INTEGER	unknown(1), speech(2), unrestrictedDigital(3), unrestrictedDigital56(4), restrictedDigital(5), audio31(6), audio7(7), video(8), packetSwitched(9)
isdnBearerCallOrigin	INTEGER	unknown(1), originate(2), answer(3), callback(4)

Trigger Action:

On incoming calls for each call which is rejected for policy reasons (e.g. unknown neighbour or access violation)

On outgoing calls whenever a call attempt is determined to have ultimately failed, In the event that call retry is active, then this will be after all retry attempts have failed.

Whenever a call connects, In this case, the object isdnBearerCallConnectTime should be included in the trap.

Recommended Action:

No action is required.

7. dialCtlPeerCallSetup

OID of this trap is:

1.3.6.1.2.1.10.21.2.0.2

Module of MIB:

DIAL-CONTROL-MIB

MIB file:

rfc2128-dial-control.mib

Description:

This trap/inform is sent to the manager whenever a call setup message is received or sent. ifOperStatus will return the operational status of the virtual interface associated with the peer to whom this call was made to.

Object Name	Object Type	Object Value Scope
callActivePeerId (1.3.6.1.2.1.10.21.1.3.1.1.5)	INTEGER	0..2147483647
callActivePeerIfIndex (1.3.6.1.2.1.10.21.1.3.1.1.6)	INTEGER	Not support
callActiveLogicalIfIndex (1.3.6.1.2.1.10.21.1.3.1.1.7)	InterfaceIndexOrZero	
ifOperStatus (1.3.6.1.2.1.2.2.1.8)	INTEGER	up(1), down(2), testing(3), unknown(4), dormant(5), notPresent(6), lowerLayerDown(7)
callActivePeerAddress (1.3.6.1.2.1.10.21.1.3.1.1.3)	DisplayString	
callActivePeerSubAddress (1.3.6.1.2.1.10.21.1.3.1.1.4)	DisplayString	Not support
callActiveInfoType (1.3.6.1.2.1.10.21.1.3.1.1.12)	INTEGER	speech(2), fax(10)
callActiveCallOrigin (1.3.6.1.2.1.10.21.1.3.1.1.10)	INTEGER	originate(1), answer(2)

Trigger Action:

A new call setup message is received or sent.

Recommended Action:

No action is required.

8. frDLCIStatusChange

OID of this trap is:

1.3.6.1.2.1.10.32.0.1

Module of MIB:

FRAME-RELAY-DTE-MIB

MIB file:

rfc2115-fr-dte.mib

Description:

This trap indicates that the indicated Virtual Circuit has changed state.

Object Name	Object Type	Object Value Scope
FrCircuitState	INTEGER	invalid(1), active(2), inactive(3)

Trigger Action:

Virtual Circuit has either been created or invalidated, or has toggled between the active and inactive states.

Recommended Action:

No action is required.

9. ipv6IfStateChange

OID of this trap is:

1.3.6.1.2.1.55.2.0.1

Module of MIB:

IPV6-MIB

MIB file:

rfc2465-ipv6.mib

Description:

An ipv6IfStateChange notification signifies that there has been a change in the state of an ipv6 interface. This notification should be generated when the interface's operational status transitions to or from the up (1) state.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
ipv6IfDescr (1.3.6.1.2.1.55.1.5.1.2)	DisplayString	OCTET STRING (0..255)
ipv6IfOperStatus (1.3.6.1.2.1.55.1.5.1.10)	INTEGER	up(1), down(2)

Trigger Action:

The reasons why the IPv6 Up alarm is generated are as follows:

- The interface is configured to be UP on the command line.
- Hardware failure in the interface is recovered.
- Failure of interface on the peer is recovered.
- Protocols have detected conditions that allow the interface to be UP.

The reasons why the IPv6 Down alarm is generated are as follows:

- The interface is configured to be DOWN on the command line. For example, the command of shutdown is executed on the interface.
- Hardware of the interface failed. For example, a network line is disconnected.
- Interface on the peer failed.
- Protocols cause the port to be DOWN. For example, there is loopback or broadcast storm on the interface.

Recommended Action:

There is no suggestion to recovery IPv6 Up alarm.

According to the reasons of IPv6 Down alarm generation, the suggestions to recovery are as follows:

- If the interface is configured to be DOWN on the command line, it can be recovered by configuring the command of undo shutdown on the interface;
- If the hardware of the interface has a failure, replace the hardware;
- If the interface on the peer has a failure, troubleshoot on that interface;
- If it is protocols that cause the interface to be DOWN, troubleshoot in the network. For example, remove loopback.

10.mplsXCUp**OID of this trap is:**

1.3.6.1.2.1.10.166.2.0.1

Module of MIB:

MPLS-LSR-STD-MIB

MIB file:

rfc3813-mpls-lsr-std.mib

Description:

This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the up state from some other state.

Object Name	Object Type	Object Value Scope
mplsXCOperStatus (1.3.6.1.2.1.10.166.2.1.10.1.10)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)
mplsXCOperStatus (1.3.6.1.2.1.10.166.2.1.10.1.10)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

An mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the up state from some other state.

Recommended Action:

No action is required.

11.mplsXCDown

OID of this trap is:

1.3.6.1.2.1.10.166.2.0.2

Module of MIB:

MPLS-LSR-STD-MIB

MIB file:

rfc3813-mpls-lsr-std.mib

Description:

This notification is generated when an mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the down state from some other state.

Object Name	Object Type	Object Value Scope
mplsXCOperStatus (1.3.6.1.2.1.10.166.2.1.10.1.10)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)
mplsXCOperStatus (1.3.6.1.2.1.10.166.2.1.10.1.10)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

An mplsXCOperStatus object for one of the configured cross-connect entries is about to enter the down state from some other state.

Recommended Action:

Please check whether there is a link fault, or a configuration or network topology change.

12.mplsTunnelUp

OID of this trap is:

1.3.6.1.2.1.10.166.3.0.1

Module of MIB:

MPLS-TE-STD-MIB

MIB file:

rfc3812-mpls-te-std.mib

Description:

This notification is generated when a mplsTunnelOperStatus object for one of the configured tunnels is about to leave the down state and transition into some other state (but not into the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus.

Object Name	Object Type	Object Value Scope
mplsTunnelAdminStatus	INTEGER	1: up(1)

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.10.166.3.2.2.1.34)		2: down(2) 3: testing(3)
mplsTunnelOperStatus (1.3.6.1.2.1.10.166.3.2.2.1.35)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

An mplsTunnelOperStatus object for one of the configured tunnels is about to enter the up state from some other state.

Recommended Action:

No action is required.

13.mplsTunnelDown

OID of this trap is:

1.3.6.1.2.1.10.166.3.0.2

Module of MIB:

MPLS-TE-STD-MIB

MIB file:

rfc3812-mpls-te-std.mib

Description:

This notification is generated when a mplsTunnelOperStatus object for one of the configured tunnels is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of mplsTunnelOperStatus.

Object Name	Object Type	Object Value Scope
mplsTunnelAdminStatus (1.3.6.1.2.1.10.166.3.2.2.1.34)	INTEGER	1: up(1) 2: down(2) 3: testing(3)
mplsTunnelOperStatus (1.3.6.1.2.1.10.166.3.2.2.1.35)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5)

Object Name	Object Type	Object Value Scope
		6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

An mplsTunnelOperStatus object for one of the configured tunnels is about to enter the down state from some other state.

Recommended Action:

No action is required.

14. mplsTunnelRerouted

OID of this trap is:

1.3.6.1.2.1.10.166.3.0.3

Module of MIB:

MPLS-TE-STD-MIB

MIB file:

rfc3812-mpls-te-std.mib

Description:

This notification is generated when a tunnel is rerouted. If the mplsTunnelARHopTable is used, then this tunnel instance's entry in the mplsTunnelARHopTable MAY contain the new path for this tunnel some time after this trap is issued by the agent.

Object Name	Object Type	Object Value Scope
mplsTunnelAdminStatus (1.3.6.1.2.1.10.166.3.2.2.1.34)	INTEGER	1: up(1) 2: down(2) 3: testing(3)
mplsTunnelOperStatus (1.3.6.1.2.1.10.166.3.2.2.1.35)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

This notification is generated when a tunnel is rerouted.

Recommended Action:

No action is required.

15.mplsTunnelReoptimized

OID of this trap is:

1.3.6.1.2.1.10.166.3.0.4

Module of MIB:

MPLS-TE-STD-MIB

MIB file:

rfc3812-mpls-te-std.mib

Description:

This notification is generated when a tunnel is reoptimized. If the mplsTunnelARHopTable is used, then this tunnel instance's entry in the mplsTunnelARHopTable MAY contain the new path for this tunnel some time after this trap is issued by the agent.

Object Name	Object Type	Object Value Scope
mplsTunnelAdminStatus (1.3.6.1.2.1.10.166.3.2.2.1.34)	INTEGER	1: up(1) 2: down(2) 3: testing(3)
mplsTunnelOperStatus (1.3.6.1.2.1.10.166.3.2.2.1.35)	INTEGER	1: up(1) 2: down(2) 3: testing(3) 4: unknown(4) 5: dormant(5) 6: notPresent(6) 7: lowerLayerDown(7)

Trigger Action:

This notification is generated when a tunnel is reoptimized.

Recommended Action:

No action is required.

16.mplsLdpSessionUp

OID of this trap is:

1.3.6.1.2.1.10.166.4.0.3

Module of MIB:

MPLS-LDP-STD-MIB

MIB file:

rfc3815-mpls-ldp-std.mib

Description:

If this notification is sent when the value of 'mplsLdpSessionState' enters the 'operational(5)' state.

Object Name	Object Type	Object Value Scope
mplsLdpSessionState (1.3.6.1.2.1.10.166.4.1.3.3.1.2)	INTEGER	1: nonexistent(1) 2: initialized(2) 3: openrec(3) 4: opensent(4) 5: operational(5))
mplsLdpSessionDiscontinuityTime (1.3.6.1.2.1.10.166.4.1.3.3.1.8)	Timeticks	
mplsLdpSessionStatsUnknownMesTypeErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.1)	Counter32	
mplsLdpSessionStatsUnknownTlvErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.2)	Counter32	

Trigger Action:

This notification is generated when the value of 'mplsLdpSessionState' enters the 'operational(5)' state.

Recommended Action:

No action is required.

17.mplsLdpSessionDown

OID of this trap is:

1.3.6.1.2.1.10.166.4.0.4

Module of MIB:

MPLS-LDP-STD-MIB

MIB file:

rfc3815-mpls-ldp-std.mib

Description:

If this notification is sent when the value of 'mplsLdpSessionState' leaves the 'operational(5)' state.

Object Name	Object Type	Object Value Scope
mplsLdpSessionState	INTEGER	1: nonexistent(1)

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.10.166.4.1.3.3.1.2))		2: initialized(2) 3: openrec(3) 4: opensent(4) 5: operational(5))
mplsLdpSessionDiscontinuityTime (1.3.6.1.2.1.10.166.4.1.3.3.1.8)	Timeticks	
mplsLdpSessionStatsUnknownMesTypeErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.1)	Counter32	
mplsLdpSessionStatsUnknownTlvErrors (1.3.6.1.2.1.10.166.4.1.3.4.1.2)	Counter32	

Trigger Action:

This notification is generated when the value of 'mplsLdpSessionState' leaves the 'operational(5)' state.

Recommended Action:

No action is required.

18.ospfVirtIfStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.1

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1)	AreaID	IpAddress
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	RouterID	IpAddress

Trigger Action:

The interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).

Recommended Action:

No recovery is required for normal state change of OSPF interface.

For abnormal state change, If the interfaces enabled in transit area are configured to be DOWN on the command line, you can restore it by configuring the command of undo shutdown on the interface. If the hardware of the interface failed, please replace it. If the interfaces of virtual neighbor failed, you should troubleshoot on neighbor router. If the virtual neighbor is not configured vlink peer successfully ,you should configure it correctly. If there is no abr route to virtual neighbor, you should check configuration of transit area.

19.ospfNbrStateChange**OID of this trap is:**

1.3.6.1.2.1.14.16.2.2

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when the neighbor state regresses(e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g.,2-Way or Full). When an neighbor transitions from or to Full on non-broadcast multi-access and broadcast networks, the trap should be generated by the designated router. A designated router transitioning to Down will be noted by ospfIfStateChange.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfNbrIpAddr (1.3.6.1.2.1.14.10.1.1)	IpAddress	
ospfNbrAddressLessIndex (1.3.6.1.2.1.14.10.1.2)	InterfaceIndex	Integer32
ospfNbrRtrId (1.3.6.1.2.1.14.10.1.3)	RouterID	IpAddress
ospfNbrState (1.3.6.1.2.1.14.10.1.6)	INTEGER	down(1), attempt(2), init(3), twoWay(4), exchangeStart(5), exchange(6), loading(7), full (8)

Trigger Action:

The neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or

Down) or progresses to a terminal state (e.g., 2-Way or Full). When an neighbor transitions from or to Full on non-broadcast multi-access and broadcast networks, the trap should be generated by the designated router.

Recommended Action:

If the OSPF neighbor relationship is established normally, no alarm recovery needs to be performed;

If the state of OSPF neighbor transitions from higher to lower, you should check links for abnormal state. If there is no abnormality, check if the peer neighbor is sending Hello packet normally.

20. ospfVirtNbrStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.3

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfIfStateChange trap signifies that there has been a change in the state of an OSPF vir-tual neighbor. This trap should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfVirtNbrArea (1.3.6.1.2.1.14.11.1.1)	AreaID	IpAddress
ospfVirtNbrRtrId (1.3.6.1.2.1.14.11.1.2)	RouterID	IpAddress
ospfVirtNbrState (1.3.6.1.2.1.14.11.1.5)	INTEGER	down(1),attempt(2),init(3),twoWay(4), exchangeStart(5), exchange(6),loading(7), full (8)

Trigger Action:

The neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., Full).

Recommended Action:

If the OSPF neighbor relationship is established normally, no alarm recovery needs to be performed;

If the state of OSPF neighbor transitions from higher to lower, you should check links for abnormal state. If there is no abnormality, you should check whether the configuration of “vlink peer” of neighbor is right . If there is no abnormality, check if the peer neighbor is sending packets normally.

21. ospflfConfigError

OID of this trap is:

1.3.6.1.2.1.14.16.2.4

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospflfConfigError trap signifies that a packet has been received on a non-virtual in-interface from a router whose configuration parameters conflict with this router's configuration parameters. Note that the event optionMismatch should cause a trap only if it prevents an adjacency from forming.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospflfIpAddress (1.3.6.1.2.1.14.7.1.1)	IpAddress	
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	Integer32	
ospfPacketSrc (1.3.6.1.2.1.14.16.1.4)	IpAddress	
ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2)	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10)
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)

Trigger Action:

A packet has been received on a non-virtual interface from a router whose configuration parameters conflict with this router's configuration parameters. Note that the event optionMismatch should cause a trap only if it prevents an adjacency from forming.

Recommended Action:

You should check whether the configurations are correct. Note that configurations on the two ends need to be consistent.

22. ospfVirtIfConfigError**OID of this trap is:**

1.3.6.1.2.1.14.16.2.5

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfConfigError trap signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters. Note that the event optionMismatch should cause a trap only if it prevents an adjacency from forming.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1)	AreaID	IpAddress
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	RouterID	IpAddress
ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2)	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10)
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4),

Object Name	Object Type	Object Value Scope
		IsAck (5)

Trigger Action:

A packet has been received on a virtual interface from a router whose configuration parameters conflict with this router's configuration parameters. Note that the event optionMismatch should cause a trap only if it prevents an adjacency from forming.

Recommended Action:

You should check whether the configurations are correct. Note that configurations on the two ends need to be consistent.

23. ospflfAuthFailure

OID of this trap is:

1.3.6.1.2.1.14.16.2.6

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospflfAuthFailure trap signifies that a packet has been received on a non-virtual in-interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospflfIpAddress (1.3.6.1.2.1.14.7.1.1)	IpAddress	
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	Integer32	
ospfPacketSrc (1.3.6.1.2.1.14.16.1.4)	IpAddress	
ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2)	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6),

Object Name	Object Type	Object Value Scope
		netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10)
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)

Trigger Action:

A packet has been received on a non-virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.

Recommended Action:

Check the authentication type and password configured on the two ends, and make sure they are consistent .

24.ospfVirtIfAuthFailure**OID of this trap is:**

1.3.6.1.2.1.14.16.2.7

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfVirtIfAuthFailure trap signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1)	AreaID	IpAddress
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	RouterID	IpAddress
ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2)	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6),

Object Name	Object Type	Object Value Scope
		netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10)
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)

Trigger Action:

A packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type.

Recommended Action:

Check the authentication type and password configured on the two ends, and make sure they are consistent.

25. ospflfRxBadPacket**OID of this trap is:**

1.3.6.1.2.1.14.16.2.8

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospflfRxBadPacket trap signifies that an OSPF packet has been received on a non-virtual interface that cannot be parsed.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospflfIpAddress (1.3.6.1.2.1.14.7.1.1)	IpAddress	IpAddress
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	Integer32	
ospfPacketSrc (1.3.6.1.2.1.14.16.1.4)	IpAddress	IpAddress
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)

Trigger Action:

An OSPF packet has been received on a non-virtual interface that cannot be

parsed.

Recommended Action:

Check whether the configurations of corresponding neighbors on the interface are correct, or whether there is any attack packet.

26. ospfVirtIfRxBadPacket**OID of this trap is:**

1.3.6.1.2.1.14.16.2.9

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfRxBadPacket trap signifies that an OSPF packet has been received on a virtual interface that cannot be parsed.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1)	AreaID	IpAddress
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	RouterID	IpAddress
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)

Trigger Action:

An OSPF packet has been received on a virtual interface that cannot be parsed.

Recommended Action:

Check whether the configurations of corresponding neighbors on the interface are correct, or whether there is any attack packet.

27. ospfTxRetransmit**OID of this trap is:**

1.3.6.1.2.1.14.16.2.10

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a non-virtual interface. All packets that may be re-transmitted are associated with an LSDB entry. The LS type, LS ID, and Router ID are used to identify the LSDB entry.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfIfIpAddress (1.3.6.1.2.1.14.7.1.1)	IpAddress	
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	Integer32	
ospfNbrRtrId (1.3.6.1.2.1.14.10.1.3)	RouterID	IpAddress
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)
ospfLsdbType (1.3.6.1.2.1.14.4.1.2)	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7)
ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3)	IpAddress	
ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4)	RouterID	IpAddress

Trigger Action:

An OSPF packet has been retransmitted on a non-virtual interface.

Recommended Action:

The loss of packet because of the size and transmitting quality of network, remove congestion of network to improve transmitting quality of network.

28.ospfVirtIfTxRetransmit**OID of this trap is:**

1.3.6.1.2.1.14.16.2.11

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfTxRetransmit trap signifies that an OSPF packet has been retransmitted on a virtual interface. All packets that may be retransmitted are associated with an LSDB entry. The LS type, LS ID, and Router ID are used to identify the LSDB entry.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	AreaID	IpAddress
ospfVirtIfAreaId (1.3.6.1.2.1.14.9.1.1)	AreaID	IpAddress
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	RouterID	IpAddress
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5)
ospfLsdbType (1.3.6.1.2.1.14.4.1.2)	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7)
ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3)	IpAddress	
ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4)	RouterID	IpAddress

Trigger Action:

An OSPF packet has been retransmitted on a virtual interface.

Recommended Action:

The loss of packet because of the size and transmitting quality of network, remove congestion of network to improve transmitting quality of network.

29.ospfOriginateLsa

OID of this trap is:

1.3.6.1.2.1.14.16.2.12

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfOriginateLsa trap signifies that a new LSA has been originated by this router.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	IpAddress	
ospfLsdbAreald (1.3.6.1.2.1.14.4.1.1)	IpAddress	
ospfLsdbType (1.3.6.1.2.1.14.4.1.2)	INTEGER	routerLink(1), networkLink(2), summaryLink(3), asSummaryLink(4), asExternalLink(5), multicastLink(6), nssaExternalLink(7)
ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3)	IpAddress	
ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4)	IpAddress	

Trigger Action:

This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change.

Recommended Action:

- 1) Check for wrong plug and pull out actions before generation of the alarm, if no, go to 2)
- 2) Check the network for any new router accessing, if no, go to 3)
- 3) Check the network for any deleted router, if no, go to 4)
- 4) Check routers for any interface down, If no, go to 5)
- 5) Check the imported external route for any change

30.ospfMaxAgeLsa

OID of this trap is:

1.3.6.1.2.1.14.16.2.13

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfMaxAgeLsa trap signifies that one of the LSA in the router's link-state database has aged to MaxAge.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	IpAddress	
ospfLsdbAreald (1.3.6.1.2.1.14.4.1.1)	IpAddress	
ospfLsdbType	INTEGER	routerLink(1), networkLink(2),

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.14.4.1.2)		summaryLink(3), asSummaryLink(4), asExternalLink(5), multicastLink(6), nssaExternalLink(7)
ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3)	IpAddress	
ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4)	IpAddress	

Trigger Action:

One of the LSA in the router's link-state database has aged to MaxAge.

Recommended Action:

- 1) Check for wrong configurations or wrong plug and pull out actions before generation of the alarm, if no, go to 2)
- 2) Check the router that generated the lsa for any interface state change, if no, go to the next
- 3) Check the router that generated the lsa for any identity change. For example, if the alarm occurs on category 3 lsa, see whether the router that generated the lsa is still ABR or not; if the alarm occurs on category 2 lsa, see whether the router that generated the lsa is still DR or not, etc. If no, go to the next
- 4) Check the neighbor state for any change, if no, go to the next
- 5) Check routers for any interface down in the network

31.ospfLsdbOverflow

OID of this trap is:

1.3.6.1.2.1.14.16.2.14

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfLsdbOverflow trap signifies that the number of LSAs in the router's link-state database has exceeded ospfExtLsdbLimit.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	IpAddress	
ospfExtLsdbLimit (1.3.6.1.2.1.14.1.11)	Integer32	The vlaue range is -1 and from 1 to 1000000.

Trigger Action:

The number of LSAs in the router's link-state database has exceeded ospfExtLsdbLimit.

Recommended Action:

Decrease the number of imported external routes.

32. ospfLsdbApproachingOverflow

OID of this trap is:

1.3.6.1.2.1.14.16.2.15

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfLsdbApproachingOverflow trap signifies that the number of LSAs in the router's linkstate database has exceeded ninety percent of ospfExtLsdbLimit.

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	IpAddress	
ospfExtLsdbLimit (1.3.6.1.2.1.14.1.11)	Integer32	-1 1..1000000

Trigger Action:

The number of LSAs in the router's linkstate database has exceeded ninety percent of ospfExtLsdbLimit.

Recommended Action:

Decrease the number of imported external routes.

33. ospfIfStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.16

Module of MIB:

OSPF-MIB

MIB file:

rfc1850-ospf.mib

Description:

An ospfIfStateChange trap signifies that there has been a change in the state of a non-virtual OSPF interface. This trap should be generated when the interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup).

Object Name	Object Type	Object Value Scope
ospfRouterId (1.3.6.1.2.1.14.1.1)	RouterID	IpAddress
ospfIfIpAddress (1.3.6.1.2.1.14.7.1.1)	IpAddress	
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	Integer32	
ospfIfState (1.3.6.1.2.1.14.7.1.12)	INTEGER	down (1), loopback (2), waiting (3), pointToPoint (4), designatedRouter (5), backupDesignatedRouter (6), otherDesignatedRouter (7)

Trigger Action:

The interface state regresses (e.g., goes from Dr to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, Dr, or Backup).

Recommended Action:

No recovery is required for normal state change of OSPF interface.

As to normal change of Vlink state, it does not need to be recovered.

If the alarm is generated because the state of interface link changed, the reason of the state change should be found out. If the reason is that the interface is configured to be DOWN on the command line, you can restore it by configuring undo shutdown on the interface. If the hardware of the interface failed, please replace it. If the interface on peer end failed, you should troubleshoot on that interface.

34.bgpEstablished

OID of this trap is:

1.3.6.1.2.1.15.7.1

Module of MIB:

BGP4-MIB

MIB file:

rfc1657-bgp4.mib

Description:

The BGP Established event is generated when the BGP FSM enters the ESTABLISHED state.

Object Name	Object Type	Object Value Scope
bgpPeerLastError	DisplayString	OCTET STRING (2)

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.15.3.1.14)		
bgpPeerState (1.3.6.1.2.1.15.3.1.2)	INTEGER	idle(1),connect(2),active(3),opensent(4), openconfirm(5),established(6)

Trigger Action:

BGP FSM enters the ESTABLISHED status.

Recommended Action:

This alarm is used to prompt the successful establishment of BGP neighbor relationships, so it does not need to be recovered.

35.bgpBackwardTransition

OID of this trap is:

1.3.6.1.2.1.15.7.2

Module of MIB:

BGP4-MIB

MIB file:

rfc1657-bgp4.mib

Description:

The BgpBackwardTransition Event is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.

Object Name	Object Type	Object Value Scope
bgpPeerLastError (1.3.6.1.2.1.15.3.1.14)	DisplayString	OCTET STRING (2)
bgpPeerState (1.3.6.1.2.1.15.3.1.2)	INTEGER	idle(1),connect(2),active(3),opensent(4), openconfirm(5),established(6)

Trigger Action:

BGP FSM moves from a higher numbered state to a lower numbered state.

Recommended Action:

This alarm notifies the user of the BGP neighbor relationship changes. If it is caused by the link state, you need to check the link.

36.risingAlarm

OID of this trap is:

1.3.6.1.2.1.16.0.1

Module of MIB:

RMON-MIB

MIB file:

rfc2819-rmon.mib

Description:

The SNMP trap that is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps.

Object Name	Object Type	ObjectValueScope
alarmIndex (1.3.6.1.2.1.16.3.1.1.1)	Integer32	1..65535
alarmVariable (1.3.6.1.2.1.16.3.1.1.3)	OBJECT IDENTIFIER	
alarmSampleType (1.3.6.1.2.1.16.3.1.1.4)	INTEGER	absoluteValue(1), deltaValue(2)
alarmValue (1.3.6.1.2.1.16.3.1.1.5)	Integer32	
alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7)	Integer32	

Trigger Action:

An alarm entry crosses its rising threshold

Recommended Action:

No action is required.

37.fallingAlarm

OID of this trap is:

1.3.6.1.2.1.16.0.2

Module of MIB:

RMON-MIB

MIB file:

rfc2819-rmon.mib

Description:

The SNMP trap that is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.

Object Name	Object Type	ObjectValueScope
alarmIndex (1.3.6.1.2.1.16.3.1.1.1)	Integer32	
alarmVariable (1.3.6.1.2.1.16.3.1.1.3)	OBJECT IDENTIFIER	
alarmSampleType (1.3.6.1.2.1.16.3.1.1.4)	INTEGER	absoluteValue(1), deltaValue(2)
alarmValue (1.3.6.1.2.1.16.3.1.1.5)	Integer32	

alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8)	Integer32	
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Trigger Action:

An alarm entry crosses its falling threshold

Recommended Action:

No action is required.

38.entConfigChange

OID of this trap is:

1.3.6.1.2.1.47.2.0.1

Module of MIB:

ENTITY-MIB

MIB file:

rfc2737-entity.mib

Description:

An entConfigChange notification is generated when the value of entLastChangeTime changes. It can be utilized by an NMS to trigger logical/physical entity table maintenance polls.

An agent should not generate more than one entConfigChange 'notification-event' in a given time interval (five seconds is the suggested default). A 'notification-event' is the transmission of a single trap or inform PDU to a list of notification destinations.

If additional configuration changes occur within the throttling period, then notification-events for these changes should be suppressed by the agent until the current throttling period expires. At the end of a throttling period, one notification-event should be generated if any configuration changes occurred since the start of the throttling period. In such a case, another throttling period is started right away.

An NMS should periodically check the value of entLastChangeTime to detect any missed entConfigChange notification-events, e.g., due to throttling or transmission loss.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

Change the value of entLastChangeTime

Recommended Action:

No action is required.

39. vrrpTrapNewMaster

OID of this trap is:

1.3.6.1.2.1.68.0.1

Module of MIB:

VRRP-MIB

MIB file:

rfc2787-vrrp.mib

Description:

This trap indicates that the agent has transitioned to 'Master' state.

Object Name	Object Type	Object Value Scope
vrrpOperMasterIpAddr (1.3.6.1.2.1.68.1.3.1.7)	IpAddress	

Trigger Action:

The agent transitioned to Master.

Recommended Action:

No action is required.

40. vrrpTrapAuthFailure

OID of this trap is:

1.3.6.1.2.1.68.0.2

Module of MIB:

VRRP-MIB

MIB file:

rfc2787-vrrp.mib

Description:

This trap signifies that a packet has been received from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type. Implementation of this trap is optional.

Object Name	Object Type	Object Value Scope
vrrpTrapPacketSrc (1.3.6.1.2.1.68.1.5)	IpAddress	
vrrpTrapAuthErrorType (1.3.6.1.2.1.68.1.6)	INTEGER	invalidAuthType(1) authTypeMismatch(2) authFailure(3)

Trigger Action:

VRRP received a packet whose authentication key or authentication type conflicts with this router's authentication key or authentication type.

Recommended Action:

No action is required.

41.pingProbeFailed

OID of this trap is:

1.3.6.1.2.1.80.0.1

Module of MIB:

DISMAN-PING-MIB

MIB file:

rfc2925-disman-ping.mib

Description:

This trap is generated when a probe failure is detected when the corresponding pingCtlTrapGeneration object is set to probeFailure(0) subject to the value of pingCtlTrapProbeFailureFilter. The object pingCtlTrapProbeFailureFilter can be used to specify the number of successive probe failures that are required before this notification can be generated.

Object Name	Object Type	Object Value Scope
Object Name	Object Type	ObjectValueScope
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingResultsOperStatus (1.3.6.1.2.1.80.1.3.1.1)	INTEGER	enabled(1), disabled(2)
pingResultsIpTargetAddressType (1.3.6.1.2.1.80.1.3.1.2)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingResultsIpTargetAddress (1.3.6.1.2.1.80.1.3.1.3)	InetAddress	OCTET STRING (SIZE (0..255))
pingResultsMinRtt	Unsigned32	

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.80.1.3.1.4)		
pingResultsMaxRtt (1.3.6.1.2.1.80.1.3.1.5)	Unsigned32	
pingResultsAverageRtt (1.3.6.1.2.1.80.1.3.1.6)	Unsigned32	
pingResultsProbeResponses (1.3.6.1.2.1.80.1.3.1.7)	Unsigned32	
pingResultsSentProbes (1.3.6.1.2.1.80.1.3.1.8)	Unsigned32	
pingResultsRttSumOfSquares (1.3.6.1.2.1.80.1.3.1.9)	Unsigned32	
pingResultsLastGoodProbe (1.3.6.1.2.1.80.1.3.1.10)	DateAndTime	OCTET STRING (8 11)

Trigger Action:

A probe failure is detected.

Recommended Action:

No action is required.

42. pingTestFailed

OID of this trap is:

1.3.6.1.2.1.80.0.2

Module of MIB:

DISMAN-PING-MIB

MIB file:

rfc2925-disman-ping.mib

Description:

This trap is generated when a ping test is determined to have failed when the corresponding pingCtlTrapGeneration object is set to testFailure(1). In this instance pingCtlTrapTestFailureFilter should specify the number of probes in a test required to have failed in order to consider the test as failed.

Object Name	Object Type	Object Value Scope
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))

Object Name	Object Type	Object Value Scope
pingResultsOperStatus (1.3.6.1.2.1.80.1.3.1.1)	INTEGER	enabled(1), disabled(2)
pingResultsIpTargetAddressType (1.3.6.1.2.1.80.1.3.1.2)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingResultsIpTargetAddress (1.3.6.1.2.1.80.1.3.1.3)	InetAddress	OCTET STRING (SIZE (0..255))
pingResultsMinRtt (1.3.6.1.2.1.80.1.3.1.4)	Unsigned32	
pingResultsMaxRtt (1.3.6.1.2.1.80.1.3.1.5)	Unsigned32	
pingResultsAverageRtt (1.3.6.1.2.1.80.1.3.1.6)	Unsigned32	
pingResultsProbeResponses (1.3.6.1.2.1.80.1.3.1.7)	Unsigned32	
pingResultsSentProbes (1.3.6.1.2.1.80.1.3.1.8)	Unsigned32	
pingResultsRttSumOfSquares (1.3.6.1.2.1.80.1.3.1.9)	Unsigned32	
pingResultsLastGoodProbe (1.3.6.1.2.1.80.1.3.1.10)	DateAndTime	OCTET STRING (8 11)

Trigger Action:

The corresponding pingCtlTrapGeneration object is set to testFailure(1).

Recommended Action:

No action is required.

43. pingTestCompleted**OID of this trap is:**

1.3.6.1.2.1.80.0.3

Module of MIB:

DISMAN-PING-MIB

MIB file:

rfc2925-disman-ping.mib

Description:

This trap is generated at the completion of a ping test when the corresponding pingCtlTrapGeneration object is set to testCompletion(4).

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingResultsOperStatus (1.3.6.1.2.1.80.1.3.1.1)	INTEGER	enabled(1), disabled(2)
pingResultsIpTargetAddressType (1.3.6.1.2.1.80.1.3.1.2)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingResultsIpTargetAddress (1.3.6.1.2.1.80.1.3.1.3)	InetAddress	OCTET STRING (SIZE (0..255))
pingResultsMinRtt (1.3.6.1.2.1.80.1.3.1.4)	Unsigned32	
pingResultsMaxRtt (1.3.6.1.2.1.80.1.3.1.5)	Unsigned32	
pingResultsAverageRtt (1.3.6.1.2.1.80.1.3.1.6)	Unsigned32	
pingResultsProbeResponses (1.3.6.1.2.1.80.1.3.1.7)	Unsigned32	
pingResultsSentProbes (1.3.6.1.2.1.80.1.3.1.8)	Unsigned32	
pingResultsRttSumOfSquares (1.3.6.1.2.1.80.1.3.1.9)	Unsigned32	
pingResultsLastGoodProbe (1.3.6.1.2.1.80.1.3.1.10)	DateAndTime	OCTET STRING (8 11)

Trigger Action:

The corresponding pingCtlTrapGeneration object is set to testCompletion .

Recommended Action:

No action is required.

44.pethPsePortOnOffNotification

OID of this trap is:

1.3.6.1.2.1.105.0.1

Module of MIB:

POWER-ETHERNET-MIB

MIB file:

rfc3621-power-ethernet.mib

Description:

This Notification indicates if Pse Port is delivering or not power to the PD. This Notification SHOULD be sent on every status change except in the searching mode. At least 500 msec must elapse between notifications being emitted by the same object instance.

Object Name	Object Type	ObjectValueScope
pethPsePortDetectionStatus (1.3.6.1.2.1.105.1.1.1.6)	INTEGER	1: disabled(1) 2: searching(2) 3: deliveringPower(3) 4: fault(4) 5: test(5) 6: otherFault(6)

Trigger Action:

Pse Port is delivering or not power to the PD

Recommended Action:

No action is required .

45.pethMainPowerUsageOnNotification

OID of this trap is:

1.3.6.1.2.1.105.0.2

Module of MIB:

POWER-ETHERNET-MIB

MIB file:

rfc3621-power-ethernet.mib

Description:

This Notification indicates PSE Threshold usage indication is on, the usage power is above the threshold. At least 500 MSEL must elapse between notifications being emitted by the same object instance.

Object Name	Object Type	ObjectValueScope
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pethMainPseConsumptionPower (1.3.6.1.2.1.105.1.3.1.1.4)	Gauge32	Measured usage power expressed in Watts
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Trigger Action:

The usage power is above the threshold.

Recommended Action:

No action is required

46.pethMainPowerUsageOffNotification

OID of this trap is:

1.3.6.1.2.1.105.0.3

Module of MIB:

POWER-ETHERNET-MIB

MIB file:

rfc3621-power-ethernet.mib

Description:

This Notification indicates PSE Threshold usage indication off, the usage power is below the threshold. At least 500 msec must elapse between notifications being emitted by the same object instance.

Object Name	Object Type	ObjectValueScope
pethMainPseConsumptionPower (1.3.6.1.2.1.105.1.3.1.1.4)	Gauge32	Measured usage power expressed in Watts

Trigger Action:

The usage power is below the threshold.

Recommended Action:

No action is required.

47.isisDatabaseOverload

OID of this trap is:

1.3.6.1.2.1.138.0.1

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

This notification is generated when the system enters or leaves the Overload state. The number of times this has been generated and cleared is kept track of by hh3clsisSysStatLSPDbaseOloads.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisSysLevelState (1.3.6.1.2.1.138.1.2.1.1.4)	IsisLevelState	INTEGER {off (1), on (2), waiting (3), overloaded(4)}

Trigger Action:

The ISIS LSP DB is overload. The overload state is entered or left.

Recommended Action:

Increase the memory resource or decrease the size of ISIS network.

48.isisManualAddressDrops

OID of this trap is:

1.3.6.1.2.1.138.0.2

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

This notification is generated when one of the manual areaAddresses assigned to this system is ignored when computing routes. The object isisNotificationAreaAddress describes the area that has been dropped. The number of times this event has been generated is counted by isisSysStatManAddrDropFromAreas.

The agent must throttle the generation of consecutive isisManualAddressDrops notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationAreaAddress (1.3.6.1.2.1.138.1.10.1.15)	IsisOSINSAddress	OCTET STRING (0..20)

Trigger Action:

The number of manual area Addresses is larger than default Max area Addresses.

Recommended Action:

Decrease the number of invalid area addresses.

Leave unused area addresses.

49.isisCorruptedLSPDetected

OID of this trap is:

1.3.6.1.2.1.138.0.3

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

This notification is generated when we find that an LSP that was stored in memory has become corrupted. The number of times this has been generated is counted by isisSysCorrLSPs.

We forward an LSP ID. We may have independent knowledge of the ID, but in some implementations there is a chance that the ID itself will be corrupted.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)

Trigger Action:

LSP is corrupted.

Recommended Action:

This alarm is used to prompt the corruption of LSP , so it does not need to be recovered.

50.isisAttemptToExceedMaxSequence

OID of this trap is:

1.3.6.1.2.1.138.0.4

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

When the sequence number on an LSP we generate wraps the 32-bit sequence counter, we purge and wait to re-announce this information. This notification describes that event. Since these should not be generated rapidly, we generate an event each time this happens.

While the first 6 bytes of the LSPID are ours, the other two contain useful information.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)

Trigger Action:

LSP sequence number exceeds the max value.

Recommended Action:

This alarm is used to prompt the excess of LSP number, so it does not need to be recovered.

51.isisIDLenMismatch

OID of this trap is:

1.3.6.1.2.1.138.0.5

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a PDU with a different value for the System ID Length. This notification includes an index to identify the circuit where we saw the PDU and the header of the PDU, which may help a network manager identify the source of the confusion.

The agent must throttle the generation of consecutive isisIDLenMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisPduFieldLen (1.3.6.1.2.1.138.1.10.1.5)	IsisUnsigned8TC	Unsigned32 (0..255)
isisNotificationCircuitIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647

Object Name	Object Type	Object Value Scope
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The length of sent and received System ID are different.

Recommended Action:

Match the two System ID length.

52. isisMaxAreaAddressesMismatch

OID of this trap is:

1.3.6.1.2.1.138.0.6

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a PDU with a different value for the Maximum Area Addresses. This notification includes the header of the packet, which may help a network manager identify the source of the confusion.

The agent must throttle the generation of consecutive isisMaxAreaAddressesMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisPduMaxAreaAddress (1.3.6.1.2.1.138.1.10.1.6)	IsisUnsigned8TC	Unsigned32 (0..255)
isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

Maximum Area Addresses mismatch between sender and receiver.

Recommended Action:

Match the two Maximum Area Addresses.

53.isisOwnLSPPurge

OID of this trap is:

1.3.6.1.2.1.138.0.7

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a PDU with our systemID and zero age. This notification includes the circuit Index and router ID from the LSP, if available, which may help a network manager identify the source of the confusion.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircuitIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)

Trigger Action:

Receive a PDU with local system ID and zero age.

Recommended Action:

Delete own LSP.

54.isisSequenceNumberSkip

OID of this trap is:

1.3.6.1.2.1.138.0.8

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

When we receive an LSP with our System ID and different contents, we may need to reissue the LSP with a higher sequence number.

We send this notification if we need to increase the sequence number by more than one. If two Intermediate Systems are configured with the same System ID, this notification will fire.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)

Trigger Action:

Sequence number of received LSP is larger than own LSP.

Recommended Action:

This alarm is used to prompt the skip of LSP number, so it does not need to be recovered.

55.isisAuthenticationTypeFailure

OID of this trap is:

1.3.6.1.2.1.138.0.9

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a PDU with the wrong authentication type field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion.

The agent must throttle the generation of consecutive isisAuthenticationTypeFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduFragment	IsisPDUHeader	OCTET STRING (0..64)

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.138.1.10.1.4)		

Trigger Action:

The authenticate information type mismatches.

Recommended Action:

Confirm the authenticate information type whether can be matched.

56.isisAuthenticationFailure

OID of this trap is:

1.3.6.1.2.1.138.0.10

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a PDU with an incorrect authentication information field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAuthenticationFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIdIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The authenticate information mismatches.

The authenticate type mismatches

Recommended Action:

Confirm the authenticate password whether can be matched.

Confirm the authenticate type whether can be matched

57.isisVersionSkew

OID of this trap is:

1.3.6.1.2.1.138.0.11

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a Hello PDU from an IS running a different version of the protocol. This notification includes the header of the packet, which may help a network manager identify the source of the confusion.

The agent must throttle the generation of consecutive isisVersionSkew notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduProtocolVersion (1.3.6.1.2.1.138.1.10.1.7)	IsisUnsigned8TC	Unsigned32 (0..255)
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The ISIS running version are different.

Recommended Action:

Confirm the reason of the difference.

58.isisAreaMismatch

OID of this trap is:

1.3.6.1.2.1.138.0.12

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a Hello PDU from an IS that does not share any area address. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAreaMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationCircIfIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The reachable area addresses mismatch.

Recommended Action:

Confirm the reason of the difference.

59. isisRejectedAdjacency

OID of this trap is:

1.3.6.1.2.1.138.0.13

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we receive a Hello PDU from an IS but do not establish an adjacency for some reason.

The agent must throttle the generation of consecutive isisRejectedAdjacency notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIfIndex	Unsigned32	1..2147483647

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.138.1.10.1.2)		
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The area addresses is wrong.

System tpye is wrong.

Receive own LSP.

Authenticate fails.

Recommended Action:

Check the level of both sides .

Check whether the area address is same, when the level is level 1.

60.isisLSPTooLargeToPropagate

OID of this trap is:

1.3.6.1.2.1.138.0.14

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when we attempt to propagate an LSP that is larger than the dataLinkBlockSize for the circuit.

The agent must throttle the generation of consecutive isisLSPTooLargeToPropagate notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircuitIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspSize (1.3.6.1.2.1.138.1.10.1.8)	Unsigned32	0..2147483647
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)

Trigger Action:

The size of LSP is larger than dataLinkBlockSize for the circuit.

Recommended Action:

Please check the source LSPOriginateBufferSize, who originated the LSP to send, is greater than the current interface MTU size.

61.isisOrigLSPBuffSizeMismatch**OID of this trap is:**

1.3.6.1.2.1.138.0.15

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when a Level 1 LSP or Level 2 LSP is received that is larger than the local value for isisSysLevelOrigLSPBuffSize, or when an LSP is received that contains the supported Buffer Size option and the value in the PDU option field does not match the local value for isisSysLevelOrigLSPBuffSize. We pass up the size from the option field and the size of the LSP when one of them exceeds our configuration.

The agent must throttle the generation of consecutive isisOrigLSPBuffSizeMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircuitIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)
isisPduOriginatingBufferSize (1.3.6.1.2.1.138.1.10.1.9)	IsisUnsigned16TC	Unsigned32 (0..65535)
isisPduBufferSize	IsisUnsigned16TC	Unsigned32 (0..65535)

Trigger Action:

The size of LSP is larger than local buffer size.

Recommended Action:

Decrease LSP originating size of sender.

Increase LSP receiving size of local.

62.isisProtocolsSupportedMismatch

OID of this trap is:

1.3.6.1.2.1.138.0.16

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when a non-pseudonode segment 0 LSP is received that has no matching protocols supported. This may be because the system does not generate the field, or because there are no common elements. The list of protocols supported should be included in the notification: it may be empty if the TLV is not supported, or if the TLV is empty.

The agent must throttle the generation of consecutive isisProtocolsSupportedMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircLIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduProtocolsSupported (1.3.6.1.2.1.138.1.10.1.11)	DisplayString	OCTET STRING (0..255)
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)

Trigger Action:

The supported protocols mismatch.

Recommended Action:

Check both protocols type , confirm they have the same protocols.

63.isisAdjacencyChange

OID of this trap is:

1.3.6.1.2.1.138.0.17

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

A notification sent when an adjacency changes state, entering or leaving state up. The first 6 bytes of the isisPduLspId are the SystemID of the adjacent IS. The isisAdjState is the new state of the adjacency.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisNotificationCircIdIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)
isisAdjState (1.3.6.1.2.1.138.1.10.1.12)	INTEGER	down(1), initializing(2), up(3), failed(4)

Trigger Action:

Creat adjacency.

Delete adjacency.

Adjacency overtime.

Adjacency state change.

Recommended Action:

Check the reason of change, confirm whether the changer is normal.

64.isisLSPErrorDetected

OID of this trap is:

1.3.6.1.2.1.138.0.18

Module of MIB:

ISIS-MIB

MIB file:

rfc4444-isis.mib

Description:

This notification is generated when we receive an LSP with a parse error. The isisCircuitIndex holds an index of the circuit on which the PDU arrived. The isisPduFragment holds the start of the LSP, and the isisErrorOffset points to the problem.

If the problem is a malformed TLV, isisErrorOffset points to the start of the TLV, and isisErrorTLVType holds the value of the type.

If the problem is with the LSP header, isisErrorOffset points to the suspicious byte.

The number of such LSPs is accumulated in isisSysStatLSPErrors.

Object Name	Object Type	Object Value Scope
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	IsisLevel	INTEGER {level1(1), level2(2), level1and2(3)}
isisPduLspId (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)
isisNotificationCircuitIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	IsisPDUHeader	OCTET STRING (0..64)
isisErrorOffset (1.3.6.1.2.1.138.1.10.1.13)	Unsigned32	
isisErrorTLVType (1.3.6.1.2.1.138.1.10.1.14)	Unsigned32	0..255

Trigger Action:

While received a LSP with malformed.

Recommended Action:

Check whether there is any attack packet.

65.pimNeighborLoss

OID of this trap is:

1.3.6.1.2.1.157.0.1

Module of MIB:

PIM-STD-MIB

MIB file:

rfc5060-pim-std.mib

Description:

A pimNeighborLoss notification signifies the loss of an adjacency with a neighbor. This notification should be generated when the neighbor timer

expires, and the router has no other neighbors on the same interface with the same IP version and a lower IP address than itself.

Object Name	Object Type	Object Value Scope
pimNeighborUpTime (1.3.6.1.2.1.157.1.2.1.6)	TimeTicks	

Trigger Action:

This notification is generated whenever the counter pimNeighborLossCount is incremented, subject to the rate limit specified by pimNeighborLossNotificationPeriod.

Recommended Action:

Please check whether the lost PIM neighbor is work well.

66.pimBsrElectedBSRLostElection

OID of this trap is:

1.3.6.1.2.1.172.0.1

Module of MIB:

PIM-BSR-MIB

MIB file:

rfc5240-pim-bsr.mib

Description:

A pimBsrElectedBSRLostElection notification should be generated when current E-BSR lost election to a new Candidate-BSR. Only an E-BSR should generate this notification.

Object Name	Object Type	Object Value Scope
pimBsrElectedBSRAddressType (1.3.6.1.2.1.172.1.4.1.2)	InetAddressType	INTEGER{ unknown(0), ipv4(1), ipv6(2) }
pimBsrElectedBSRAddress (1.3.6.1.2.1.172.1.4.1.3)	InetAddress	OCTET STRING(4 16)
pimBsrElectedBSRPriority (1.3.6.1.2.1.172.1.4.1.4)	Unsigned32	0..255

Trigger Action:

This notification is generated when pimBsrCandidateBSRElectedBSR becomes FALSE.

Recommended Action:

Please check whether the configuration of ElectedBSR or CandidateBSR is changed.

67. pimBsrCandidateBSRWinElection

OID of this trap is:

1.3.6.1.2.1.172.0.2

Module of MIB:

PIM-BSR-MIB

MIB file:

rfc5240-pim-bsr.mib

Description:

A pimBsrCandidateBSRWinElection notification should be generated when a C-BSR wins BSR Election. Only an E-BSR should generate this notification.

Object Name	Object Type	Object Value Scope
pimBsrCandidateBSRElectedBSR	TruthValue	INTEGER { true(1), false(2) }

Trigger Action:

This notification is generated when pimBsrCandidateBSRElectedBSR becomes TRUE.

Recommended Action:

Please check whether the configuration of ElectedBSR or CandidateBSR is changed.

68. dot11Disassociate

OID of this trap is:

1.2.840.10036.1.6.0.1

Module of MIB:

IEEE802dot11-MIB

MIB file:

ieee802dot11.mib

Description:

The disassociate notification shall be sent when the STA sends a Disassociation frame. The value of the notification shall include the MAC address of the MAC to which the Disassociation frame was sent and the reason for the disassociation.

ifIndex - Each IEEE 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
dot11DisassociateReason (1.2.840.10036.1.1.1.15)	INTEGER	
dot11DisassociateStation (1.2.840.10036.1.1.1.16)	MacAddress	

Trigger Action:

The disassociate notification shall be sent when the STA sends a Disassociation frame.

Recommended Action:

No action is required.

69.dot11Deauthenticate

OID of this trap is:

1.2.840.10036.1.6.0.2

Module of MIB:

IEEE802dot11-MIB

MIB file:

ieee802dot11.mib

Description:

The deauthenticate notification shall be sent when the STA sends a Deauthentication frame. The value of the notification shall include the MAC address of the MAC to which the Deauthentication frame was sent and the reason for the deauthentication.

ifIndex - Each IEEE 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
dot11DeauthenticateReason (1.2.840.10036.1.1.1.17)	INTEGER	
dot11DeauthenticateStation (1.2.840.10036.1.1.1.18)	MacAddress	

Trigger Action:

The deauthenticate notification shall be sent when the STA sends a Deauthentication frame.

Recommended Action:

No action is required.

70.dot11AuthenticateFail

OID of this trap is:

1.2.840.10036.1.6.0.3

Module of MIB:

IEEE802dot11-MIB

MIB file:

ieee802dot11.mib

Description:

The authenticate failure notification shall be sent when the STA sends an Authentication frame with a status code other than 'successful'. The value of the notification shall include the MAC address of the MAC to which the Authentication frame was sent and the reason for the authentication failure.

ifIndex - Each IEEE 802.11 interface is represented by an ifEntry.

Interface tables in this MIB module are indexed by ifIndex.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
dot11DeauthenticateReason (1.2.840.10036.1.1.1.17)	INTEGER	
dot11DeauthenticateStation (1.2.840.10036.1.1.1.18)	MacAddress	

Trigger Action:

The authenticate failure notification shall be sent when the STA sends an Authentication frame with a status code other than 'successful'.

Recommended Action:

Check whether configuration of the client is correct.

71.IldpRemTablesChange

OID of this trap is:

1.0.8802.1.1.2.0.0.1

Module of MIB:

LLDP-MIB

MIB file:

lldp.mib

Description:

A IldpRemTablesChange notification is sent when the value of IldpStatsRemTableLastChangeTime changes. It can be utilized by an NMS to trigger LLDP remote systems table maintenance polls.

Note that transmission of IldpRemTablesChange notifications are throttled by the agent, as specified by the 'IldpNotificationInterval' object."

Object Name	Object Type	ObjectValueScope
IldpStatsRemTablesInserts (1.0.8802.1.1.2.1.2.2)	ZeroBasedCounter32	
IldpStatsRemTablesDeletes (1.0.8802.1.1.2.1.2.3)	ZeroBasedCounter32	
IldpStatsRemTablesDrops (1.0.8802.1.1.2.1.2.4)	ZeroBasedCounter32	
IldpStatsRemTablesAgeouts (1.0.8802.1.1.2.1.2.5)	ZeroBasedCounter32	

Trigger Action:

The remote system information is inserted, deleted, dropped or aged out.

Recommended Action:

The network management should confirm whether the net topology has been changed expectably.

72.dot1agCfmFaultAlarm

OID of this trap is:

1.3.111.2.802.1.1.8.0.1

Module of MIB:

IEEE8021-CFM-MIB

MIB file:

ieee8021-cfm.mib

Description:

A MEP has a persistent defect condition. A notification (fault alarm) is sent to the management entity with the OID of the MEP that has detected the fault.

Whenever a MEP has a persistent defect, it may or may not generate a Fault Alarm to warn the system administrator of the problem, as controlled by the MEP Fault Notification Generator State Machine and associated Managed objects. Only the highest-priority defect, as shown in Table 20-1, is reported in

the Fault Alarm.

If a defect with a higher priority is raised after a Fault Alarm has been issued, another Fault Alarm is issued.

The management entity receiving the notification can identify the system from the network source address of the notification, and can identify the MEP reporting the defect by the indices in the OID of the dot1agCfmMepHighestPrDefect variable in the notification:

dot1agCfmMdIndex - Also the index of the MEP's Maintenance Domain table entry (dot1agCfmMdTable).

dot1agCfmMaIndex - Also an index (with the MD table index) of the MEP's Maintenance Association network table entry (dot1agCfmMaNetTable), and (with the MD table index and component ID) of the MEP's MA component table entry (dot1agCfmMaCompTable).

dot1agCfmMepIdentifier - MEP Identifier and final index into the MEP table (dot1agCfmMepTable).

Object Name	Object Type	ObjectValueScope
dot1agCfmMdIndex (1.3.111.2.802.1.1.8.1.5.2.1.1)	Unsigned32	
dot1agCfmMaIndex (1.3.111.2.802.1.1.8.1.6.1.1.1)	Unsigned32	
dot1agCfmMepIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.1)	Unsigned32	1..8191
dot1agCfmMepHighestPrDefect (1.3.111.2.802.1.1.8.1.7.1.1.13)	INTEGER	none (0), defRemoteCCM (3), defErrorCCM (4), defXconCCM (5)

Trigger Action:

A MEP has a persistent defect condition.

Recommended Action:

The network management should fix the defect according to defect type.

73.dot3OamThresholdEvent

OID of this trap is:

1.3.6.1.2.1.158.0.1

Module of MIB:

DOT3-OAM-MIB

MIB file:

rfc4878-dot3-oam.mib

Description:

A dot3OamThresholdEvent notification is sent when a local or remote threshold crossing event is detected. A local threshold crossing event is detected by the local entity, while a remote threshold crossing event is detected by the reception of an Ethernet OAM Event Notification OAMPDU that indicates a threshold event.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
dot3OamEventLogTimestamp (1.3.6.1.2.1.158.1.6.1.2)	TimeStamp	
dot3OamEventLogOui (1.3.6.1.2.1.158.1.6.1.3)	EightOTwoOui	
dot3OamEventLogType (1.3.6.1.2.1.158.1.6.1.4)	Unsigned32	erroredSymbolEvent(1), erroredFramePeriodEvent(2), erroredFrameEvent(3), erroredFrameSecondsEvent(4)
dot3OamEventLogLocation (1.3.6.1.2.1.158.1.6.1.5)	INTEGER	local(1), remote(2)
dot3OamEventLogWindowHi (1.3.6.1.2.1.158.1.6.1.6)	Unsigned32	
dot3OamEventLogWindowLo (1.3.6.1.2.1.158.1.6.1.7)	Unsigned32	
dot3OamEventLogThresholdHi (1.3.6.1.2.1.158.1.6.1.8)	Unsigned32	
dot3OamEventLogThresholdLo (1.3.6.1.2.1.158.1.6.1.9)	Unsigned32	
dot3OamEventLogValue (1.3.6.1.2.1.158.1.6.1.10)	CounterBasedGauge64	
dot3OamEventLogRunningTotal (1.3.6.1.2.1.158.1.6.1.11)	CounterBasedGauge64	
dot3OamEventLogEventTotal (1.3.6.1.2.1.158.1.6.1.12)	Unsigned32	

Trigger Action:

A dot3OamThresholdEvent notification is sent when a local or remote threshold crossing event is detected.

Recommended Action:

Check the link.

74.dot3OamNonThresholdEvent

OID of this trap is:

1.3.6.1.2.1.158.0.2

Module of MIB:

DOT3-OAM-MIB

MIB file:

rfc4878-dot3-oam.mib

Description:

A dot3OamNonThresholdEvent notification is sent when a local or remote non-threshold crossing event is detected. A local event is detected by the local entity, while a remote event is detected by the reception of an Ethernet OAM Event. Notification OAMPDU that indicates a non-threshold crossing event.

Object Name	Object Type	ObjectValueScope
dot3OamEventLogTimestamp (1.3.6.1.2.1.158.1.6.1.2)	TimeStamp	
dot3OamEventLogOui (1.3.6.1.2.1.158.1.6.1.3)	EightOTwoOui	
dot3OamEventLogType (1.3.6.1.2.1.158.1.6.1.4)	Unsigned32	linkFault(256), dyingGaspEvent(257), criticalLinkEvent(258)
dot3OamEventLogLocation (1.3.6.1.2.1.158.1.6.1.5)	INTEGER	local(1), remote(2)
dot3OamEventLogEventTotal (1.3.6.1.2.1.158.1.6.1.12)	Unsigned32	

Trigger Action:

A dot3OamNonThresholdEvent notification is sent when a local or remote non-threshold crossing event is detected.

Recommended Action:

Don't use this link until it returns to a normal condition.

75.pimBsrElectedBSRLostElection

OID of this trap is:

1.3.6.1.2.1.157.0.1

Module of MIB:

PIM-STD-MIB

MIB file:

rfc5060-pim-std.mib

Description:

A pimNeighborLoss notification signifies the loss of an adjacency with a neighbor. This notification should be generated when the neighbor timer expires, and the router has no other neighbors on the same interface with the same IP version and a lower IP address than itself.

Object Name	Object Type	Object Value Scope
pimNeighborUpTime (1.3.6.1.2.1.157.1.2.1.6)	TimeTicks	

Trigger Action:

This notification is generated whenever the counter pimNeighborLossCount is incremented, subject to the rate limit specified by pimNeighborLossNotificationPeriod.

Recommended Action:

Please check whether the lost PIM neighbor is work well.

76.pimBsrCandidateBSRWinElection

OID of this trap is:

1.3.6.1.2.1.172.0.2

Module of MIB:

PIM-BSR-MIB

MIB file:

rfc5240-pim-bsr.mib

Description:

A pimBsrCandidateBSRWinElection notification should be generated when a C-BSR wins BSR Election. Only an E-BSR should generate this notification.

Object Name	Object Type	Object Value Scope
pimBsrCandidateBSRElectedBSR	TruthValue	INTEGER { true(1), false(2) }

Trigger Action:

This notification is generated when pimBsrCandidateBSRElectedBSR

becomes TRUE.

Recommended Action:

Please check whether the configuration of ElectedBSR or CandidateBSR is changed.

77. pimNeighborLoss

OID of this trap is:

1.3.6.1.2.1.157.0.1

Module of MIB:

PIM-STD-MIB

MIB file:

rfc5060-pim-std.mib

Description:

A pimNeighborLoss notification signifies the loss of an adjacency with a neighbor. This notification should be generated when the neighbor timer expires, and the router has no other neighbors on the same interface with the same IP version and a lower IP address than itself.

Object Name	Object Type	Object Value Scope
pimNeighborUpTime (1.3.6.1.2.1.157.1.2.1.6)	TimeTicks	

Trigger Action:

This notification is generated whenever the counter pimNeighborLossCount is incremented, subject to the rate limit specified by pimNeighborLossNotificationPeriod.

Recommended Action:

Please check whether the lost PIM neighbor is work well.

78. capwapBaseChannelUp

OID of this trap is:

1.3.6.1.2.1.196.0.1

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This notification is sent by the AC when a CAPWAP channel is established.
The notification is separated for data or control channel.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))
capwapBaseNtfChannelType (1.3.6.1.2.1.196.1.5.3)	CapwapBaseChannelTypeTC	data(1), control(2)
capwapBaseNtfAuthenMethod (1.3.6.1.2.1.196.1.5.4)	CapwapBaseAuthenMethodTC	other(1), clear(2), x509(3), psk(4)

Trigger Action:

This notification is sent by AC when CAPWAP tunnel becomes up.

Recommended Action:

No action is required.

79. capwapBaseChannelDown

OID of this trap is:

1.3.6.1.2.1.196.0.2

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This notification is sent by the AC when a CAPWAP channel is down.
The notification is separated for data or control channel.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))

Object Name	Object Type	ObjectValueScope
capwapBaseNtfChannelType (1.3.6.1.2.1.196.1.5.3)	CapwapBaseChannelTypeTC	data(1), control(2)
capwapBaseNtfChannelDownReason (1.3.6.1.2.1.196.1.5.5)	INTEGER	timeout(1), rekeyFailure(2), acRebootWtp(3), dtlsError(4), maxRetransmit(5)

Trigger Action:

This notification is sent by AC when CAPWAP tunnel becomes down.

Recommended Action:

No action is required.

80. capwapBaseJoinFailure

OID of this trap is:

1.3.6.1.2.1.196.0.4

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This notification is generated when a WTP fails to join.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))
capwapBaseNtfJoinFailureReason (1.3.6.1.2.1.196.1.5.10)	INTEGER	unspecified(1), resDepletion(2), unknownSource(3), incorrectData(4), sessionIdInUse(5), unsupportedHw(6), unsupportedBinding(7)

Trigger Action:

This notification is generated when a WTP fails to join.

Recommended Action:

Check capwapBaseNtfJoinFailureReason to find the reason.

81. capwapBaseImageUpgradeFailure

OID of this trap is:

1.3.6.1.2.1.196.0.5

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This notification is generated when a WTP fails to update the firmware image.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))
capwapBaseNtfImageFailureReason (1.3.6.1.2.1.196.1.5.11)	INTEGER	invalidChecksum(1), invalidLength(2), other(3), inStorage(4)

Trigger Action:

This notification is generated when a WTP fails to update the firmware image.

Recommended Action:

Check capwapBaseNtfImageFailureReason to find the reason.

82. capwapBaseImageUpgradeFailure

OID of this trap is:

1.3.6.1.2.1.196.0.6

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This notification is generated when a WTP receives message elements in the configuration management messages that it is unable to apply locally.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))
capwapBaseNtfConfigMsgErrorType (1.3.6.1.2.1.196.1.5.12)	INTEGER	unknownElement(1), unsupportedElement(2), unknownValue(3), unsupportedValue(4)
capwapBaseNtfMsgErrorElements (1.3.6.1.2.1.196.1.5.13)	SnmpAdminString	OCTET STRING(0..255)

Trigger Action:

This notification is generated when a WTP receives message elements in the configuration management messages that it is unable to apply locally.

Recommended Action:

Check capwapBaseNtfConfigMsgErrorType and
capwapBaseNtfMsgErrorElements to get detailed information.

83. capwapBaseRadioOperableStatus

OID of this trap is:

1.3.6.1.2.1.196.0.7

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

The notification is generated when a radio's operational state has changed.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))

Object Name	Object Type	ObjectValueScope
capwapBaseNtfRadioId (1.3.6.1.2.1.196.1.5.2)	CapwapBaseRadioIdTC	Unsigned32 (1..31)
capwapBaseNtfRadioOperStatusFlag (1.3.6.1.2.1.196.1.5.8)	INTEGER	operable(0), inoperable(1)
capwapBaseNtfRadioStatusCause (1.3.6.1.2.1.196.1.5.9)	INTEGER	normal(0), hwError(1), swError(2), adminSet(3)

Trigger Action:

The notification is generated when a radio's operational state has changed.

Recommended Action:

Check capwapBaseNtfRadioOperStatusFlag and capwapBaseNtfRadioStatusCause to get detailed information. If the state changed to operable(0), no action is required. If the state changed to inoperable(1), and capwapBaseNtfRadioStatusCause is normal(0) or adminSet(3), no action is required. Else, check whether there is something wrong with hardware or software.

84. capwapBaseRadioOperableStatus

OID of this trap is:

1.3.6.1.2.1.196.0.8

Module of MIB:

CAPWAP-BASE-MIB

MIB file:

rfc5833-capwap-base.mib

Description:

This is notification of an authentication failure event and provides the reason for it.

Object Name	Object Type	ObjectValueScope
capwapBaseNtfWtpId (1.3.6.1.2.1.196.1.5.1)	CapwapBaseWtpIdTC	OCTET STRING (SIZE(6 8))
capwapBaseNtfChannelType	CapwapBaseChannelTypeTC	data(1),

Object Name	Object Type	ObjectValueScope
(1.3.6.1.2.1.196.1.5.3)		control(2)
capwapBaseNtfAuthenMethod (1.3.6.1.2.1.196.1.5.4)	CapwapBaseAuthenMethodTC	other(1), clear(2), x509(3), psk(4)
capwapBaseNtfAuthenFailureReason (1.3.6.1.2.1.196.1.5.7)	INTEGER	keyMismatch(1), invalidCert(2), reassemblyFailure(3), decapFailure(4), encapFailure(5), timeout(6), unknown(8)

Trigger Action:

This is notification of an authentication failure event and provides the reason for it.

Recommended Action:

Check capwapBaseNtfAuthenFailureReason to get the reason and take corresponding action.

85.pwDown

OID of this trap is:

1.3.6.1.2.1.10.246.0.1

Module of MIB:

PW-STD-MIB

MIB file:

rfc5601-pw-std.mib

Description:

This notification is generated when protect workgroup switch from work tunnel to protect tunnel.

Object Name	Object Type	ObjectValueScope
pwOperStatus (1.3.6.1.2.1.10.246.1.2.1.37)	PwOperStatusTC	up(1), down(2), testing(3),

Object Name	Object Type	ObjectValueScope
		dormant(4), notPresent(5)

86.pwUp

OID of this trap is:

1.3.6.1.2.1.10.246.0.2

Module of MIB:

PW-STD-MIB

MIB file:

rfc5601-pw-std.mib

Description:

This notification is generated when protect workgroup switch from work tunnel to protect tunnel.

Object Name	Object Type	ObjectValueScope
pwOperStatus (1.3.6.1.2.1.10.246.1.2.1.37)	PwOperStatusTC	up(1), down(2), testing(3), dormant(4), notPresent(5)

87.pwDeleted

OID of this trap is:

1.3.6.1.2.1.10.246.0.3

Module of MIB:

PW-STD-MIB

MIB file:

rfc5601-pw-std.mib

Description:

This notification is generated when protect workgroup switch from work tunnel to protect tunnel.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
pwType (1.3.6.1.2.1.10.246.1.2.1.2)	IANAPwTypeTC	other(0), frameRelayDlciMartiniMode(1), atmAal5SduVcc(2), atmTransparent(3), ethernetTagged(4), ethernet(5), hdlc(6), ppp(7), cem(8), atmCellNto1Vcc(9), atmCellNto1Vpc(10), ipLayer2Transport(11), atmCell1to1Vcc(12), atmCell1to1Vpc(13), atmAal5PduVcc(14), frameRelayPortMode(15), cep(16), e1Satop(17), t1Satop(18), e3Satop(19), t3Satop(20), basicCesPsn(21), basicTdmIp(22), tdmCasCesPsn(23), tdmCasTdmIp(24), frDlci(25), wildcard(32767)
pwID (1.3.6.1.2.1.10.246.1.2.1.11)	PwIDType	1..2147483647
pwPeerAddrType (1.3.6.1.2.1.10.246.1.2.1.7)	InetAddressType	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)

Object Name	Object Type	ObjectValueScope
pwPeerAddr (1.3.6.1.2.1.10.246.1.2.1.8)	InetAddress	OCTET STRING(0..255)

Private Traps

1. hh3cLogIn

OID of this trap is:

1.3.6.1.4.1.25506.2.2.1.1.3.0.1

Module of MIB:

HH3C-UI-MAN-MIB

MIB file:

hh3c-ui-man.mib

Description:

This notification is generated when a user logs in.

Object Name	Object Type	ObjectValueScope
hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1)	DisplayString	
hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2)	DisplayString	

Trigger Action:

A user logs in.

Recommended Action:

No action is required.

2. hh3cLogOut

OID of this trap is:

1.3.6.1.4.1.25506.2.2.1.1.3.0.2

Module of MIB:

HH3C-UI-MAN-MIB

MIB file:

hh3c-ui-man.mib

Description:

This notification is generated when a user logs out.

Object Name	Object Type	ObjectValueScope
hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1)	DisplayString	

Object Name	Object Type	ObjectValueScope
hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2)	DisplayString	

Trigger Action:

A user logs out.

Recommended Action:

No action is required.

3. hh3cLoginAuthenFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.2.1.1.3.0.3

Module of MIB:

HH3C-UI-MAN-MIB

MIB file:

hh3c-ui-man.mib

Description:

This notification is generated when a user fails to log in because of authentication.

Object Name	Object Type	ObjectValueScope
hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1)	DisplayString	
hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2)	DisplayString	
hh3cTerminalUserAuthFailureReason (1.3.6.1.4.1.25506.2.2.1.1.2.3)	INTEGER	exceedRetries(1), authTimeout(2), otherReason(3)

Trigger Action:

A user fails to log in because of authentication.

Recommended Action:

Check user's authorization.

4. hh3cSysClockChangedNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.3.2.1

Module of MIB:

HH3C-SYS-MAN-MIB

MIB file:

hh3c-sys-man.mib

Description:

A clock changed notification is generated when the current local date and time for the system has been manually changed. The value of hh3cSysLocalClock reflects new date and time.

Object Name	Object Type	ObjectValueScope
hh3cSysLocalClock (1.3.6.1.4.1.25506.2.3.1.1.1)	DateAndTime	

Trigger Action:

The current local date and time for the system has been manually changed.

Recommended Action:

All of the reload schedules need to be configured again, because all of them were cancelled.

5. hh3cSysReloadNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.3.2.2

Module of MIB:

HH3C-SYS-MAN-MIB

MIB file:

hh3c-sys-man.mib

Description:

An hh3cSysReloadNotification will be sent before the corresponding entity is rebooted. It will also be sent if the entity fails to reboot because the clock has changed.

Object Name	Object Type	ObjectValueScope
hh3cSysReloadCfgFile (1.3.6.1.4.1.25506.2.3.1.3.3.1.3)	Integer32	0..2147483647
hh3cSysReloadImage (1.3.6.1.4.1.25506.2.3.1.3.3.1.4)	Integer32	0..2147483647
hh3cSysReloadReason (1.3.6.1.4.1.25506.2.3.1.3.3.1.5)	DisplayString	(SIZE (0..255))

hh3cSysReloadScheduleTime (1.3.6.1.4.1.25506.2.3.1.3.3.1.6)	DateAndTime	(SIZE(8))
hh3cSysReloadAction (1.3.6.1.4.1.25506.2.3.1.3.2)	INTEGER	reloadUnavailable(1), reloadOnSchedule(2), reloadAtOnce(3), reloadCancel(4)

Trigger Action:

It will be sent before the corresponding entity is rebooted, or the entity fails to reboot because the clock has changed.

Recommended Action:

Check the status of reload schedule and the current time.

6. hh3cSysStartupNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.3.2.3

Module of MIB:

HH3C-SYS-MAN-MIB

MIB file:

hh3c-sys-man.mib

Description:

A hh3cSysStartupNotification trap will be sent when the system starts up with 'main' image file failed, a trap will be sent to indicate which type the current image file (i.e. backup or secure) is.

Object Name	Object Type	ObjectValueScope
hh3cSysImageType (1.3.6.1.4.1.25506.2.3.1.4.2.1.5)	INTEGER	main(1), backup(2), none(3), secure(4), main-backup(5), main-secure(6), backup-secure(7), main-backup-secure(8)

Trigger Action:

It will be sent when the system starts up with 'main' image file failed.

Recommended Action:

Make sure the boot image file is correct.

7. hh3cCfgManEventlog

OID of this trap is:

1.3.6.1.4.1.25506.2.4.2.1

Module of MIB:

HH3C-CONFIG-MAN-MIB

MIB file:

hh3c-config-man.mib

Description:

The object calculates the checksum on the current config per 10 minutes and even if it is different from the saved config but if a trap has been sent with the same checksum then don't send again until the checksum is different.

Object Name	Object Type	ObjectValueScope
hh3cCfgLogSrcCmd (1.3.6.1.4.1.25506.2.4.1.1.7.1.3)	INTEGER	cmdLine(1), snmp(2), other(3)
hh3cCfgLogSrcData (1.3.6.1.4.1.25506.2.4.1.1.7.1.4)	INTEGER	erase(1), runningData(2), commandSource(3), startupData(4), local(5), netFtp(6), hotPlugging(7)
hh3cCfgLogDesData (1.3.6.1.4.1.25506.2.4.1.1.7.1.5)	INTEGER	unkown(1), runningData(2), commandSource(3), startupData(4), local(5), etkFtp(6), hotPlugging(7)

Trigger Action:

Every 10 minutes, the checksum of the current configuration will be compared with that of 10 minutes before, if the result is different, the trap will be sent.

Recommended Action:

Check the current configuration, save the current configuration if it is necessary.

8. hh3cCfgOperateCompletion

OID of this trap is:

1.3.6.1.4.1.25506.2.4.2.2

Module of MIB:

HH3C-CONFIG-MAN-MIB

MIB file:

hh3c-config-man.mib

Description:

When create hh3cCfgOperateTable successfully, a notification may be generated.

Object Name	Object Type	ObjectValueScope
hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	ConfigOperatio nType	INTEGER { running2Startup(1), startup2Running(2), running2Net(3), net2Running(4), net2Startup(5), startup2Net(6) }
hh3cCfgOperateTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.5)	TimeTicks	

hh3cCfgOperateState (1.3.6.1.4.1.25506.2.4.1.2.5.1.4)	INTEGER	opInProgress(1), opSuccess(2), opInvalidOperation(3), opInvalidProtocol(4), opInvalidSourceName(5), opInvalidDestName(6), opInvalidServerAddress(7), opDeviceBusy(8), opDeviceOpenError(9), opDeviceError(10), opDeviceNotProgrammable(11), opDeviceFull(12), opFileOpenError(13), opFileTransferError(14), opFileChecksumError(15), opNoMemory(16), opAuthFail(17), opTimeOut(18), opUnknownFailure(19)
hh3cCfgOperateEndTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.6)	TimeTicks	

Trigger Action:

When creating hh3cCfgOperateTable successfully, the trap may be generated.

Recommended Action:

Please wait until the operation done.

9. hh3cCfgInvalidConfigFile

OID of this trap is:

1.3.6.1.4.1.25506.2.4.2.3

Module of MIB:

HH3C-CONFIG-MAN-MIB

MIB file:

hh3c-config-man.mib

Description:

When the configuration file is invalid, this notification will be generated.

Object Name	Object Type	ObjectValueScope
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hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	ConfigOperationType	net2Running(4), net2Startup(5),
hh3cCfgOperateFileName (1.3.6.1.4.1.25506.2.4.1.2.4.1.4)	DisplayString	OCTET STRING (1..128)

Trigger Action:

When the file is invalid, the notification will be generated.

Recommended Action:

Make sure the configuration file is correct.

10.hh3cFlhOperNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.5.1.3.1

Module of MIB:

HH3C-FLASH-MAN-MIB

MIB file:

hh3c-flash-man.mib

Description:

A hh3cFlhOperNotification is sent at the completion of a flash copy operation if hh3cFlhOperEndNotification is true.

Object Name	Object Type	ObjectValueScope
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hh3cFlhOperStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1.9)	Hh3cFlashOperationStatus	opInProgress(1), opSuccess(2), opInvalid(3), opInvalidProtocol(4), opInvalidSourceName(5), opInvalidDestName(6), opInvalidServerAddress(7), opDeviceBusy(8), opDeviceOpenError(9), opDeviceError(10), opDeviceNotProgrammable(11), opDeviceFull(12), opFileOpenError(13), opFileTransferError(14), opFileChecksumError(15), opNoMemory(16), opAuthFail(17), opTimeout(18), opUnknownFailure(19), opDeleteFileOpenError(20), opDeleteInvalidDevice(21), opDeleteInvalidFunction(22),opDeleteOperationError(23),opDeleteInvalidFileName(24), opDeleteDeviceBusy(25), opDeleteParaError(26), opDeleteInvalidPath(27)
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Trigger Action:

The completion of a flash copy operation if hh3cFlhOperEndNotification is true

Recommended Action:

No action is required.

11.hh3cEntityExtTemperatureThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.1

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The hh3cEntityExtTemperatureThresholdNotification indicates the temperature exceeded the threshold. In this condition, user should check the status and the environment of the entity, sometimes it happens because of the failure of air-condition.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	INTEGER	
hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

When the temperature exceeded the threshold, the notification will be generated.

Recommended Action:

Dispatch to site take temperature reading to ensure that they are in range If they are not investigate enviornmental alarms fan and filter dertermine the reason and rectify the problem.

12. hh3cEntityExtVoltageLowThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.2

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The hh3cEntityExtVoltageLowThresholdNotification indicates the voltage is lower than the threshold. If the voltage is lower too much than the entity needs, the entity will halt.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14)	INTEGER	
hh3cEntityExtVoltageLowThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.15)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	

Trigger Action:

When the voltage is lower than the threshold, the notification will be generated.

Recommended Action:

Dispatch to the site to take voltage ensure in the right range. The threshold value can obtain by "hh3cEntityExtVoltageLowThreshold" and "hh3cEntityExtVoltageHighThreshold". Replace the power module if they are not in the range.

13. hh3cEntityExtVoltageHighThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.3

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The hh3cEntityExtVoltageHighThresholdNotification indicates the voltage is higher than the threshold. If the voltage is higher too much than the entity needs, the entity may be damaged by the high voltage.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	

hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14)	INTEGER	
hh3cEntityExtVoltageHighThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.16)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	

Trigger Action:

When the voltage is higher than the threshold, the notification will be generated.

Recommended Action:

CK entity for proper voltage levels with an ethernet test set. If defective RMA Module.

14. hh3cEntityExtCpuUsageThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.4

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The CPU usage of the module is higher than the value of hh3cEntityExtCpuUsageThreshold. Only support Module Level1.

We send the notification every 5 seconds until the CPU usage of the module goes down below the upper limit.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6)	INTEGER	Integer32
hh3cEntityExtCpuUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7)	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	INTEGER	Integer32

hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	INTEGER	Integer32
hh3cEntityExtCpuUsageRecoverThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.31)	INTEGER	0..100

Trigger Action:

An entity's CPU usage goes over the upper limit

Recommended Action:

No action is required.

15. hh3cEntityExtMemUsageThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.5

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The memory usage of the module is higher than the value of hh3cEntityExtMemUsageThreshold. Only support Module Leve1.

We send the notification every 5 seconds until the memory usage of the module goes down below the upper limit.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8)	INTEGER	Integer32
hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9)	INTEGER	Integer32
hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10)	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	INTEGER	Integer32
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	INTEGER	Integer32

Trigger Action:

An entity's memory usage goes over the upper limit

Recommended Action:

No action is required

16.hh3cEntityExtOperEnabled**OID of this trap is:**

1.3.6.1.4.1.25506.2.6.2.0.6

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the entity is operable at present.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

When the entity turns to operable, the notification will be generated.

Recommended Action:

No action is required.

17.hh3cEntityExtOperDisabled**OID of this trap is:**

1.3.6.1.4.1.25506.2.6.2.0.7

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the entity is not operable at present.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

When the entity turns to not operable, the notification will be generated.

Recommended Action:

No action is required.

18.hh3cEntityExtCriticalTemperatureThresholdNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.8

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The hh3cEntityExtCriticalTemperatureThresholdNotification indicates the temperature exceeds the critical temperature. In this condition, user should check the status and the environment of the entity, sometimes it happens because of the failure of air-condition.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	INTEGER	
hh3cEntityExtCriticalTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.17)	INTEGER	

Object Name	Object Type	Object Value Scope
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight .3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

When the temperature exceeds the critical temperature, the notification will be generated.

Recommended Action:

Dispatch to site take temperature reading to ensure that they are in range If they are not investigate enviornmental alarms fan and filter dertermine the reason and rectify the problem. Please obtain the critical threshold by command "display environment".

19.hh3cEntityExtSFPAlarmOn**OID of this trap is:**

1.3.6.1.4.1.25506.2.6.2.0.9

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when the SFP module is installed, fails or runs abnormally for some particular reason.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtErrorStatus	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5),

Object Name	Object Type	ObjectValueScope
		warning(6), indeterminate(7)}

Trigger Action:

The SFP module is installed, fails or runs abnormally for some particular reason.

Recommended Action:

Ck light levels on the sfp if they are within the right range(ie 1000Base-SX is -9.5dBm and 0dBm), replace the SFP if they are not within the range adjust light levels. By command line "_display transceiver diagnosis interface" to obtain the min. and max. light levels.

20.hh3cEntityExtSFPAlarmOff

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.10

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when the SFP module is removed or restores to normal status.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtErrorStatus	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

The SFP module is removed or restores to normal status.

Recommended Action:

No action is required.

21. hh3cEntityExtSFPPphony

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.11

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

The SFP module is not sold by H3C.

Recommended Action:

Replace SFP with H3C SFP.

22. hh3cEntityInsert

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.12

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when a removable entity inserting to device.

Object Name	Object Type	ObjectValueScope
entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.1.2)	SnmpAdminString	

Trigger Action:

When a removable entity inserts to device.

Recommended Action:

No action is required.

23. hh3cEntityRemove

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.13

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when a removable entity removing from device.

Object Name	Object Type	ObjectValueScope
entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.1.2)	SnmpAdminString	

Trigger Action:

When a removable entity removes from device.

Recommended Action:

No action is required.

24. hh3cEntityExtForcedPowerOff

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.14

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the entity is forced to power off.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

User power off the entity, or system occurs some fault.

Recommended Action:

No action is required.

25.hh3cEntityExtForcedPowerOn**OID of this trap is:**

1.3.6.1.4.1.25506.2.6.2.0.15

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the entity is forced to power on.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

User forces to power on the entity.

Recommended Action:

No action is required.

26. hh3cEntityExtFaultAlarmOn

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.16

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates a fault occurs on the specified entity.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

A fault occurs on the specified entity.

Recommended Action:

Check the entity and repair it.

27. hh3cEntityExtFaultAlarmOff

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.17

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates a fault disappears on the specified entity.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

A fault disappears on the specified entity.

Recommended Action:

No action is required.

28. hh3cEntityExtResourceLack

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.18

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates that a kind of resource is not enough on the specified entity.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

One kind of resource is not enough on the specified entity, the notification will be generated.

Recommended Action:

Check the specified resource on the entity.

29. hh3cEntityExtResourceEnough

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.19

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates that the entity recovers from the status of no enough resource.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

The entity recovers from the status of no enough resource, the notification will be generated.

Recommended Action:

No action is required.

30. hh3cEntityExtTemperatureLower

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.20

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the temperature of a specified entity is under the lower threshold. In this condition, user should check the status and the environment of the entity sometimes it goes wrong for some reason.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.12)	INTEGER	
hh3cEntityExtLowerTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.21)	Integer32	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}

Trigger Action:

A sensor's temperature goes into the range under the hh3cEntityExtLowerTemperatureThreshold.

Recommended Action:

Dispatch to the site to take temperature readings ensure environmental are set correctly. Obtain the threshold by command "display environment".

31. hh3cEntityExtTemperatureTooUp

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.21

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the temperature of a specified entity exceeded the shutdown threshold. In this condition, user should check the status and the environment of the entity sometimes it goes wrong for some reason.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	INTEGER	
hh3cEntityExtShutdownTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.22)	Integer32	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}

Trigger Action:

A sensor's temperature goes into the range above the hh3cEntityExtShutdownTemperatureThreshold.

Recommended Action:

Dispatch to site take temperature reading to ensure that they are in range If they are not investigate enviornmental alarms fan and filter dertermine the reason and rectify the problem. Obtain the threshold by command "display environment".

32. hh3cEntityExtTemperatureNormal

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.22

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the temperature of a specified entity recover from abnormal

status.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	INTEGER	
hh3cEntityExtLowerTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.21)	Integer32	
hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}

Trigger Action:

A sensor's temperature goes into the range between the hh3cEntityExtLowerTemperatureThreshold and hh3cEntityExtTemperatureThreshold.

Recommended Action:

No action is required.

33. hh3cEntityExternalAlarmOccur

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.23

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when the monitored device connected to the specified entity fails.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

The monitored device connected to the specified entity fails.

Recommended Action:

Check the monitored device connected to the specified entity.

34. hh3cEntityExternalAlarmRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.24

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap is generated when the failed device connected to the specified entity retruns to normal.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1)	INTEGER	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

The failed device connected to the specified entity returns to normal..

Recommended Action:

No action is required.

35. hh3cEntityExtCpuUsageThresholdRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.25

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the CPU usage descends the threshold.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6)	INTEGER	0..100
hh3cEntityExtCpuUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7)	INTEGER	0..100
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}
hh3cEntityExtCpuUsageRecoverThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.31)	INTEGER	0..100

Trigger Action:

The CPU usage descends the threshold.

Recommended Action:

No action is required.

36. hh3cEntityExtMemUsageThresholdRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.26

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The trap indicates the memory usage descends the threshold.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8)	INTEGER	0..100

hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9)	INTEGER	0..100
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

The memory usage descends the threshold.

Recommended Action:

No action is required.

37.hh3cEntityExtFanDirectionNotPreferred

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.31

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

This trap indicates the specified fan's direction does not accord with preferred. The two parameters indicate the fan or the parent entity of the fans.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	Integer32	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

System fan airflow direction is different of user's expectedness.

Recommended Action:

Rebuild the fan or change the fan airflow direction by command "fan prefer-direction {power-to-port | port-to-power}".

38. hh3cEntityExtFanDirectionNotAccord

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.32

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

This trap indicates the direction of fans does not accord with each other. The two parameters indicate the parent entity of the fans.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	Integer32	
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

It is not support to set the fan airflow direction.

Recommended Action:

No action is required.

39. hh3cEntityExtSFPInvalid

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.33

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The transceiver module is not compatible with the interface card. The authorized manufacturer therefore shall NOT guarantee the normal function of the transceiver. The transceiver module will be invalidated in days. Please replace it with a compatible one as soon as possible. The trap is generated periodically after a phony transceiver module has been found.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	OCTETS	Octets
hh3cEntityExtSFPInvalidInDays (1.3.6.1.4.1.25506.2.6.2.1.3)	INTEGER	Integer32 The number will decrease one after one day, and will be end zero. The number will not be negative.

Trigger Action:

The transceiver module is not compatible with the interface card. HP therefore shall NOT guarantee the normal function of the transceiver. The transceiver module will be invalidated in xx days.

Recommended Action:

Please replace it with a compatible one as soon as possible.

40.hh3cEntityExtSFPInvalidNow

OID of this trap is:

1.3.6.1.4.1.25506.2.6.2.0.34

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

This transceiver module is not compatible with the interface card. The authorized manufacturer therefore shall NOT guarantee the normal function of the transceiver. The trap is generated after a phony transceiver module has been found.

Object Name	Object Type	ObjectValueScope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	OCTETS	Octets

Trigger Action:

This transceiver module is not compatible with the interface card.

Recommended Action:

Please replace it with a compatible one as soon as possible.

41. hh3cIPSecTunnelStart

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.1

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec Phase-2 Tunnel is created.

Object Name	Object Type	Object Value Scope
hh3cIPSecTunLocalAddr (1.3.6.1.4.1.25506.2.7.1.1.1.5)	IpAddress	
hh3cIPSecTunRemoteAddr (1.3.6.1.4.1.25506.2.7.1.1.1.6)	IpAddress	
hh3cIPSecTunLifeTime (1.3.6.1.4.1.25506.2.7.1.1.1.11)	Integer32	1..2147483647
hh3cIPSecTunLifeSize (1.3.6.1.4.1.25506.2.7.1.1.1.10)	Gauge32	0..4294967295

Trigger Action:

This notification is generated when an IPSec Phase-2 Tunnel is created.

Recommended Action:

No action is required.

42. hh3cIPSecTunnelStop

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.2

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec Phase-2 Tunnel is deleted.

Object Name	Object Type	ObjectValueScope
hh3clIPSecTunLocalAddr (1.3.6.1.4.1.25506.2.7.1.1.1.5)	IpAddress	
hh3clIPSecTunRemoteAddr (1.3.6.1.4.1.25506.2.7.1.1.1.6)	IpAddress	
hh3clIPSecTunActiveTime (1.3.6.1.4.1.25506.2.7.1.1.1.13)	Integer32	0..2147483647

Trigger Action:

This notification is generated when an IPSec Phase-2 Tunnel is deleted.

Recommended Action:

No action is required.

43.hh3clIPSecPolicyAdd

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.8

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec policy is added.

Object Name	Object Type	ObjectValueScope
hh3clIPSecPolicyName (1.3.6.1.4.1.25506.2.7.1.6.1)	DisplayString	OCTET STRING (0..255)
hh3clIPSecPolicySeqNum (1.3.6.1.4.1.25506.2.7.1.6.2)	Integer32	
hh3clIPSecPolicySize (1.3.6.1.4.1.25506.2.7.1.6.3)	Integer32	

Trigger Action:

This notification is generated when an IPSec policy is added.

Recommended Action:

No action is required.

44. hh3cIPSecPolicyDel

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.9

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec policy is deleted.

Object Name	Object Type	ObjectValueScope
hh3cIPSecPolicyName (1.3.6.1.4.1.25506.2.7.1.6.1)	DisplayString	OCTET STRING (0..255)
hh3cIPSecPolicySeqNum (1.3.6.1.4.1.25506.2.7.1.6.2)	Integer32	
hh3cIPSecPolicySize (1.3.6.1.4.1.25506.2.7.1.6.3)	Integer32	

Trigger Action:

This notification is generated when an IPSec policy is deleted.

Recommended Action:

No action is required.

45. hh3cIPSecPolicyAttach

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.10

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec policy is attached with one interface.

Object Name	Object Type	ObjectValueScope
hh3clIPSecPolicyName (1.3.6.1.4.1.25506.2.7.1.6.1)	DisplayString	OCTET STRING (0..255)
hh3clIPSecPolicySize (1.3.6.1.4.1.25506.2.7.1.6.3)	Integer32	-2147483648..2147483647
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647

Trigger Action:

This notification is generated when an IPSec policy is attached with one interface.

Recommended Action:

No action is required.

46. hh3clIPSecPolicyDetach

OID of this trap is:

1.3.6.1.4.1.25506.2.7.1.8.1.11

Module of MIB:

HH3C-IPSEC-MONITOR-MIB

MIB file:

hh3c-ipsec-monitor.mib

Description:

This notification is generated when an IPSec policy is detached with one interface.

Object Name	Object Type	ObjectValueScope
hh3clIPSecPolicyName (1.3.6.1.4.1.25506.2.7.1.6.1)	DisplayString	OCTET STRING (0..255)
hh3clIPSecPolicySize (1.3.6.1.4.1.25506.2.7.1.6.3)	Integer32	-2147483648..2147483647
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647

Trigger Action:

This notification is generated when an IPSec policy is detached with one interface.

Recommended Action:

No action is required.

47. hh3cRadiusAuthServerUpTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.13.3.0.1

Module of MIB:

HH3C-RADIUS-MIB

MIB file:

hh3c-radius.mib

Description:

This trap is generated when the device finds that the state of RADIUS authentication server becomes reachable from unreachable.

Object Name	Object Type	ObjectValueScope
radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2)	IpAddress	
radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3)	Integer32	0..65535

Trigger Action:

When the device gets the connection with the RADIUS accounting server again.

Recommended Action:

No action is required.

48. hh3cRadiusAccServerUpTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.13.3.0.2

Module of MIB:

HH3C-RADIUS-MIB

MIB file:

hh3c-radius.mib

Description:

This trap is generated when the device finds that the state of RADIUS accounting server becomes reachable from unreachable.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2)	IpAddress	
radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3)	Integer32	0..65535

Trigger Action:

When the device gets the connection with the RADIUS accounting server again.

Recommended Action:

No action is required.

49.hh3cRadiusAuthErrTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.13.3.0.3

Module of MIB:

HH3C-RADIUS-MIB

MIB file:

hh3c-radius.mib

Description:

This trap is generated when the device finds that the percent of unsuccessful authentication exceeds a threshold, and the threshold is the value of node hh3cRadiusAuthErrThredshold.

Object Name	Object Type	ObjectValueScope
radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2)	IpAddress	
radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3)	Integer32	0..65535

Trigger Action:

The percent of the unsuccessful authentication exceeds the thredshold.

Recommended Action:

Check the configuration on the NAS and the RADIUS server. For example, whether the keys shared between the NAS and the RADIUS server are the same.

50.hh3cRadiusAuthServerDownTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.13.3.1

Module of MIB:

HH3C-RADIUS-MIB

MIB file:

hh3c-radius.mib

Description:

This trap is generated when the Authentication Radius server doesn't respond client's requests for specified times.

Object Name	Object Type	ObjectValueScope
radiusAuthServerAddress (1.3.6.1.2.1.67.1.2.1.1.3.1.2)	IpAddress	
radiusAuthClientServerPortNumber (1.3.6.1.2.1.67.1.2.1.1.3.1.3)	Integer32	0..65535

Trigger Action:

The Authentication Radius server doesn't respond client's requests for specified times.

Recommended Action:

Check the status of the radius sever and the validity of the user.

51.hh3cRadiusAccServerDownTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.13.3.2

Module of MIB:

HH3C-RADIUS-MIB

MIB file:

hh3c-radius.mib

Description:

This trap is generated when the Accounting Radius server doesn't respond client's requests for specified times.

Object Name	Object Type	ObjectValueScope
radiusAccServerAddress	IpAddress	

Object Name	Object Type	ObjectValueScope
(1.3.6.1.2.1.67.2.2.1.1.3.1.2)		
radiusAccClientServerPortNumber (1.3.6.1.2.1.67.2.2.1.1.3.1.3)	Integer32	0..65535

Trigger Action:

The Accounting Radius server doesn't respond client's requests for specified times.

Recommended Action:

Check the status of the radius sever and the validity of the user.

52. hh3cPBRNextHopFailedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.113.1.2.2.0.1

Module of MIB:

HH3C-PBR-MIB

MIB file:

hh3c-pbr.mib

Description:

This trap is generated when a nexthop which is used by a specific policy based routing node turns into unreachable state from reachable state.

Object Name	Object Type	ObjectValueScope
hh3cPBRNextHopAddrType (1.3.6.1.4.1.25506.2.113.1.2.1.1)	InetAddressType	
hh3cPBRNextHopAddr (1.3.6.1.4.1.25506.2.113.1.2.1.2)	InetAddress	

Trigger Action:

When the nexthop of policy based routing apply clause became unreachable according to routing information, trap is generated and is sent to the remote monitoring device.

Recommended Action:

User should verify forwarding information base of device which sent the trap. It's very possible that the cause is malfunction of routing management or neighbour discovery system.

53. hh3cpsePDChangeNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.1

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates if PD has been inserted or pulled out.

Object Name	Object Type	ObjectValueScope
pethPsePortDetectionStatus (1.3.6.1.2.1.105.1.1.1.6)	INTEGER	1: disabled(1) 2: searching(2) 3: deliveringPower(3) 4: fault(4) 5: test(5) 6: otherFault(6)

Trigger Action:

PD has been inserted or pulled out.

Recommended Action:

No action is required.

54. hh3cPOEDisconnectNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.2

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module does not disconnect.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleDisconnect (1.3.6.1.4.1.25506.2.14.8.7.2.1.2)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module does not disconnect.

Recommended Action:

Dispatch to site assure that RJ45 cable is connected correctly to the PD (Powered device) of the alarm port, or assure that the alarm port is not shutdown. Please repair the RF45 cable or powerup the alarm port by command "undo shutdown" if need.

55.hh3cPOEInputErrorNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.3

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module input error.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleInputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.3)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module input error.

Recommended Action:

Dispatch to site take input voltage of the poe power reading to ensure that they are within the right range(i.e. 111 volt to 131 volt). Can obtain the right input voltage range by command "display poe-power". Request site facilities person to investigate PDU power feed if input voltage not within the right

range.

56. hh3cPOEOutputErrorNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.4

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module output error.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleOutputError (1.3.6.1.4.1.25506.2.14.8.7.2.1.4)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module output error.

Recommended Action:

Dispatch to site take DC output voltage of the poe power to ensure that they are within the right range(i.e. 45 volt to 57 volt), and take DC output current to ensure they are not zero. Can the right DC output voltage range of the poe power by command "display poe-power", and to assure the DC output voltage is within the right range by command "display poe-power dc-output state" and "display poe-power dc-output value". Request contact the device supplier to replace the poe power if DC output state isn't normal(not within the right DC output voltage or output current is zero).

57. hh3cPOEOverVoltageNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.5

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module overruns the voltage limit.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleOverVoltage (1.3.6.1.4.1.25506.2.14.8.7.2.1.5)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module overruns the voltage limit.

Recommended Action:

Dispatch to site take input voltage of poe power reading to ensure that they are within the right range(i.e. 111 volt to 131 volt). Can obtain the right input voltage range by command "display poe-power". Request site facilities person to investigate PDU power feed if input voltage not within the right range.

58.hh3cPOEOverTempNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.6

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module overruns the temperature limit.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleOverTemp (1.3.6.1.4.1.25506.2.14.8.7.2.1.6)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module overruns the temperature limit.

Recommended Action:

Dispatch to site take temperature reading to ensure that they are in range If they are not investigate environmental alarms fan and filter determine the reason and rectify the problem.

59.hh3cPOEFanErrorNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.7

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module fan error.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleFanError (1.3.6.1.4.1.25506.2.14.8.7.2.1.7)	INTEGER	normal (1), alarm (2).

Trigger Action:

The fan of POE power module fault, the notification will be generated.

Recommended Action:

Check the fan of POE power module. RMA if faulty.

60.hh3cPOEModuleShutdownNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.8

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module is closed.

Object Name	Object Type	ObjectValueScope
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hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleOverVoltage (1.3.6.1.4.1.25506.2.14.8.7.2.1.5)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module is closed.

Recommended Action:

No action is required.

61. hh3cPOECurRestrictedNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.9

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the POE power module current is restricted.

Object Name	Object Type	ObjectValueScope
hh3cPOEAlarmModuleInfoIndex (1.3.6.1.4.1.25506.2.14.8.7.2.1.1)	Integer32	
hh3cPOEModuleCurRestricted (1.3.6.1.4.1.25506.2.14.8.7.2.1.9)	INTEGER	normal (1), alarm (2).

Trigger Action:

POE power module current is restricted.

Recommended Action:

Check on the current configuration to assure that the poe max power. Please increase the poe max power by command "poe max-power" to the max power. Can obtain the POE power's max power by command "display poe-power".

62. hh3cPOEACSwitchNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.10

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input switch alarm of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOEACSwitchStateIndex (1.3.6.1.4.1.25506.2.14.8.5.2.1.1)	Integer32	
hh3cPOEACSwitchState (1.3.6.1.4.1.25506.2.14.8.5.2.1.2)	INTEGER	on (1), off (2), highVoltInput (3), lowVoltInput (4).

Trigger Action:

AC input switch alarm of this POE power.

Recommended Action:

POE power's switch is turn on or turn off. Dispatch to site take the reason of the power's turnon(turnoff). Please turn on the power's switch if need.

63.hh3cPOEACInCurANotification**OID of this trap is:**

1.3.6.1.4.1.25506.2.14.6.11

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input current A alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
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hh3cPOEInCurAState (1.3.6.1.4.1.25506.2.14.8.6.2)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).
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Trigger Action:

AC input current A alarm state of this POE power.

Recommended Action:

Dispatch to site take input current of phase A reading to ensure that they are within the right range. Obtain the input current state by command "display poe-power ac-input state" to assure the current within the right range and no lack phase. Request site facilities person to investigate PDU power feed if not within the right range or lack phase.

64. hh3cPOEACInCurBNotification**OID of this trap is:**

1.3.6.1.4.1.25506.2.14.6.12

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input current B alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOEInCurBState (1.3.6.1.4.1.25506.2.14.8.6.3)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).

Trigger Action:

AC input current B alarm state of this POE power.

Recommended Action:

Dispatch to site take input current of phase B reading to ensure that they are within the right range. Obtain the input current state by command "display poe-power ac-input state" to assure the current within the right range and no lack phase. Request site facilities person to investigate PDU power feed if not within the right range or lack phase.

65.hh3cPOEACInCurCNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.13

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input current C alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOEInCurCState (1.3.6.1.4.1.25506.2.14.8.6.4)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).

Trigger Action:

AC input current C alarm state of this POE power.

Recommended Action:

Dispatch to site take input current of phase C reading to ensure that they are within the right range. Obtain the input current state by command "display poe-power ac-input state" to assure the current within the right range and no lack phase. Request site facilities person to investigate PDU power feed if not within the right range or lack phase.

66.hh3cPOEACSwitchVolABNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.14

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input voltage AB alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOESwitchStateVolExIndex (1.3.6.1.4.1.25506.2.14.8.6.5.1.1)	INTEGER	The range of this node is from 1 to hh3cPOEInCurStateModuleNum.
hh3cPOESwitchStateInVolAB (1.3.6.1.4.1.25506.2.14.8.6.5.1.2)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).

Trigger Action:

AC input voltage AB alarm state of this POE power.

Recommended Action:

Dispatch to site take voltage between phase A and phase B reading to ensure that they are within the right range(i.e. 111 volt to 131 volt). Can obtain the right input voltage range by command "display poe-power", and to assure the input voltage is within the right range by command "display poe-power ac-input state". Request site facilities person to investigate PDU power feed if input voltage not within the right range

67.hh3cPOEACSwitchVolBCNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.15

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input voltage BC alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOESwitchStateVolExIndex (1.3.6.1.4.1.25506.2.14.8.6.5.1.1)	Integer32	
hh3cPOESwitchStateInVolBC (1.3.6.1.4.1.25506.2.14.8.6.5.1.3)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).

Trigger Action:

AC input voltage BC alarm state of this POE power.

Recommended Action:

Dispatch to site take voltage between phase B and phase C reading to ensure that they are within the right range(i.e. 111 volt to 131 volt). Can obtain the right input voltage range by command "display poe-power", and to assure the input voltage is within the right range by command "display poe-power ac-input state". Request site facilities person to investigate PDU power feed if input voltage not within the right range.

68.hh3cPOEACSwitchVolCANotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.16

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the AC input voltage CA alarm state of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOESwitchStateVolExIndex (1.3.6.1.4.1.25506.2.14.8.6.5.1.1)	Integer32	

hh3cPOESwitchStateInVolCA (1.3.6.1.4.1.25506.2.14.8.6.5.1.4)	INTEGER	normal (1), underLimit (2), aboveLimit (3), lackPhrase (4), fuseBroken (5), switchOff (6), otherError (7).
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Trigger Action:

AC input voltage CA alarm state of this POE power.

Recommended Action:

Dispatch to site take voltage between phase C and phase A reading to ensure that they are within the right range(i.e. 111 volt to 131 volt). Can obtain the right input voltage range by command "display poe-power", and to assure the input voltage is within the right range by command "display poe-power ac-input state". Request site facilities person to investigate PDU power feed if input voltage not within the right range.

69.hh3cPOEDCOutVolNotification

OID of this trap is:

1.3.6.1.4.1.25506.2.14.6.17

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the DC output alarm of this POE power.

Object Name	Object Type	ObjectValueScope
hh3cPOEDCOutStateIndex (1.3.6.1.4.1.25506.2.14.8.3.2.1.1)	Integer32	
hh3cPOEDCOutDCVolAlarm (1.3.6.1.4.1.25506.2.14.8.3.2.1.2)	INTEGER	normal (1), underLimit (2), aboveLimit (3), fuseBroken (4), switchOff (5), otherError (6).

Trigger Action:

DC output alarm of this POE power.

Recommended Action:

Dispatch to site take DC output voltage of the poe power to ensure that they are within the right range(i.e. 45 volt to 57 volt). Can obtain the right DC output voltage range of the poe power by command "display poe-power", and to assure the DC output voltage is within the right range by command "display poe-power dc-output state ". Request contact the device supplier to replace the poe power if DC output voltage not within the right range.

70.hh3cPOEShutdownNotification**OID of this trap is:**

1.3.6.1.4.1.25506.2.14.6.18

Module of MIB:

HH3C-POWER-ETH-EXT-MIB

MIB file:

hh3c-power-eth-ext.mib

Description:

This notification indicates the whole POE power has been shutdown.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

The whole POE power has been shutdown.

Recommended Action:

No action is required.

71.hh3cPosB1TCArm**OID of this trap is:**

1.3.6.1.4.1.25506.2.19.2.0.15

Module of MIB:

HH3C-PPP-OVER-SONET-MIB

MIB file:

hh3c-ppp-over-sonet.mib

Description:

This trap is generated whenever the B1 errors cross the threshold.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

The B1 errors cross the threshold.

Recommended Action:

If trap cleared, please check:

1. Optical fiber link is right. If no, please connect rightly.
2. If have signs of damage about the fiber, please replace.

72.hh3cPosB2TCAlarm**OID of this trap is:**

1.3.6.1.4.1.25506.2.19.2.0.16

Module of MIB:

HH3C-PPP-OVER-SONET-MIB

MIB file:

hh3c-ppp-over-sonet.mib

Description:

This trap is generated whenever the B2 errors cross the threshold.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

The B2 errors cross the threshold.

Recommended Action:

If trap cleared, please check:

1. Optical fiber link is right. If no, please connect rightly.
2. If have signs of damage about the fiber, please replace.

73.hh3cPosB3TCAlarm**OID of this trap is:**

1.3.6.1.4.1.25506.2.19.2.0.17

Module of MIB:

HH3C-PPP-OVER-SONET-MIB

MIB file:

hh3c-ppp-over-sonet.mib

Description:

This trap is generated whenever the B3 errors cross the threshold.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

The B3 errors cross the threshold.

Recommended Action:

If trap cleared, please check:

1. Optical fiber link is right. If no, please connect rightly.
2. If have signs of damage about the fiber, please replace.

74. hh3cAal5VccStateChange

OID of this trap is:

1.3.6.1.4.1.25506.2.21.1.0.1

Module of MIB:

HH3C-AAL5-MIB

MIB file:

hh3c-aal5.mib

Description:

This notification is sent when PVC state is changed.

Object Name	Object Type	Object Value Scope
hh3cAal5VccState (1.3.6.1.4.1.25506.2.21.1.1.1.7)	INTEGER	invalid(1) active(2) inactive(3)

Trigger Action:

PVC state is changed.

Recommended Action:

Check the local pvc or peer pvc configuration.

75. hh3cSecureAddressLearned

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.1

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent when a new station has been learned. The port on which the address was received is the first object, and the MAC address of the learned station is in the second object.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	

Trigger Action:

Port-security has learned a new security MAC.

Recommended Action:

No action is required.

76. hh3cSecureViolation

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.2

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent whenever a security violation has occurred. The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. ifAdminStatus indicates if the port has been disabled because of the violation. The implementation may not send

violation traps from the same port at intervals of less than 5 seconds.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
ifAdminStatus (1.3.6.1.2.1.2.2.1.7)	INTEGER	up(1) down(2) testing(3)

Trigger Action:

This trap is sent whenever a security violation has occurred.

Recommended Action:

Check for unauthorized or un authenticated access according the interface and MAC information.

77.hh3cSecureLoginFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.3

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent whenever a user network access authentication has failed.

The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. The dot1xAuthSessionUserName is the identity supplied during the user authentication.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
dot1xAuthSessionUserName (1.0.8802.1.1.1.2.4.1.9)	SnmpAdminString	OCTET STRING (0..255)

Trigger Action:

This trap is sent whenever a user network access authentication has failed.

Recommended Action:

No action is required.

78.hh3cSecureLogon

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.4

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent when a new session is started for an authorised port user.

The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object.

The dot1xAuthSessionUserName is the identity supplied during the user authentication. The dot1xAuthSessionAuthenticMethod indicates how the user was authorised. The hh3cSecurePortVlanMembershipList object identifies the VLAN membership assigned to the port on session activation.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
dot1xAuthSessionUserName (1.0.8802.1.1.1.2.4.1.9)	SnmpAdminString	OCTET STRING (0..255)
dot1xAuthSessionAuthenticMethod (1.0.8802.1.1.1.2.4.1.6)	INTEGER	remoteAuthServer(1) localAuthServer(2)
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

An authorized user has passed authentication and logged on.

Recommended Action:

No action is required.

79.hh3cSecureLogoff

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.5

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent when a user session is terminated.

The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. The dot1xAuthSessionUserName is the identity supplied during the user authentication. The dot1xAuthSessionTerminateCause indicates the reason why the session was terminated.

The hh3cSecurePortVlanMembershipList object identifies the VLAN membership assigned to the port on session termination.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
dot1xAuthSessionUserName (1.0.8802.1.1.1.1.2.4.1.9)	SnmpAdminString	OCTET STRING (0..255)
dot1xAuthSessionTerminateCause (1.0.8802.1.1.1.1.2.4.1.8)	INTEGER	supplicantLogoff(1) portFailure(2) supplicantRestart(3) reauthFailed(4) authControlForceUnauth(5) portReInit(6) portAdminDisabled(7) notTerminatedYet(999)
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

A user session was terminated whether normally or abnormally.

Recommended Action:

No action is required.

80.hh3cSecureRalmLoginFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.6

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent whenever a user network access authentication has failed. The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. The authentication mode indicates how the user was authorised. The hh3cSecureRalmAuthUsername is the identity supplied during the user authentication.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
hh3cSecureRalmAuthMode (1.3.6.1.4.1.25506.2.26.1.1.4.4)	INTEGER	papUsernameAsMacAddress(1) papUsernameFixed(2)
hh3cSecureRalmAuthUsername (1.3.6.1.4.1.25506.2.26.1.1.4.5)	DisplayString	OCTET STRING (1..80)

Trigger Action:

A mac address related authentication was failure.

Recommended Action:

No action is required.

81.hh3cSecureRalmLogon

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.7

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent when a new session is started for an authorised port user. The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. The authentication mode indicates how the user was authorised. The hh3cSecureRalmAuthUsername is the identity supplied during the user

authentication. The hh3cSecurePortVlanMembershipList object identifies the VLAN membership assigned to the port on session activation.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
hh3cSecureRalmAuthMode (1.3.6.1.4.1.25506.2.26.1.1.4.4)	INTEGER	papUsernameAsMacAddress(1) papUsernameFixed(2)
hh3cSecureRalmAuthUsername (1.3.6.1.4.1.25506.2.26.1.1.4.5)	DisplayString	OCTET STRING (1..80)
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

An authorized user has passed the authentication and started a new session.

Recommended Action:

No action is required.

82.hh3cSecureRalmLogoff

OID of this trap is:

1.3.6.1.4.1.25506.2.26.1.3.8

Module of MIB:

HH3C-PORT-SECURITY-MIB

MIB file:

hh3c-port-security.mib

Description:

This trap is sent when a new session is started for an authorised port user.

The port on which the violation occurred is the first object, and the MAC address of the offending station is in the second object. The authentication mode indicates how the user was authorised. The

hh3cSecureRalmAuthUsername is the identity supplied during the user authentication. The hh3cSecurePortVlanMembershipList object identifies the VLAN membership assigned to the port on session activation.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1.. 2147483647

Object Name	Object Type	ObjectValueScope
hh3cSecureAddrMAC (1.3.6.1.4.1.25506.2.26.1.2.2.1.1)	MacAddress	
hh3cSecureRalmAuthMode (1.3.6.1.4.1.25506.2.26.1.1.4.4)	INTEGER	papUsernameAsMacAddress(1) papUsernameFixed(2)
hh3cSecureRalmAuthUsername (1.3.6.1.4.1.25506.2.26.1.1.4.5)	DisplayString	OCTET STRING (1..80)
hh3cSecurePortVlanMembershipList (1.3.6.1.4.1.25506.2.26.1.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

An previously logged on user has terminated its sesion and logged off.

Recommended Action:

No action is required.

83.hh3cIKETunnelStart

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.1

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when an IPSec Phase-1 IKE Tunnel is created

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKETunLifeTime (1.3.6.1.4.1.25506.2.30.1.1.1.16)	Integer32	1..2147483647

Trigger Action:

This notification is generated when an IPSec Phase-1 IKE Tunnel is created.

Recommended Action:

No action is required.

84. hh3cIKETunnelStop

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.2

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when an IPSec Phase-1 IKE Tunnel is deleted.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKETunActiveTime (1.3.6.1.4.1.25506.2.30.1.1.1.17)	Integer32	1..2147483647

Trigger Action:

This notification is generated when an IPSec Phase-1 IKE Tunnel is deleted.

Recommended Action:

No action is required.

85. hh3cIKENoSaFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.3

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IKE tunnel has a non-existent SA error.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IKE tunnel has a non-existent SA error.

Recommended Action:

No action is required.

86.hh3cIKEEncryFailFailure**OID of this trap is:**

1.3.6.1.4.1.25506.2.30.1.6.1.4

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IKE tunnel has an encrypting failure.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IKE tunnel has an encrypting failure.

Recommended Action:

No action is required.

87.hh3cIKEDecryFailFailure**OID of this trap is:**

1.3.6.1.4.1.25506.2.30.1.6.1.5

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IKE tunnel has a decrypting failure.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IKE tunnel has a decrypting failure.

Recommended Action:

No action is required.

88.hh3cIKEInvalidProposalFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.6

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 invalid proposal occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IPSec phase-1 invalid proposal occurs.

Recommended Action:

No action is required.

89.hh3cIKEAuthFailFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.7

Module of MIB:

HH3C-IKE-MONITOR-MIB**MIB file:**

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 authentication failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IPSec phase-1 authentication failure occurs.

Recommended Action:

No action is required.

90.hh3cIKEInvalidCookieFailure**OID of this trap is:**

1.3.6.1.4.1.25506.2.30.1.6.1.8

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 invalid cookie failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IPSec phase-1 invalid cookie failure occurs.

Recommended Action:

No action is required.

91. hh3cIKEAttrNotSuppFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.9

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 unsupported attribute failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IPSec phase-1 unsupported attribute failure occurs.

Recommended Action:

No action is required.

92. hh3cIKEUnsportExchTypeFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.10

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPsec phase 1 unsupported exchange type failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	

Trigger Action:

This notification is generated when the IPSec phase-1 unsupported exchange type failure occurs.

Recommended Action:

No action is required.

93.hh3cIKEInvalidIdFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.11

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 invalid id failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKEIdInformation (1.3.6.1.4.1.25506.2.30.1.4.3)	DisplayString	OCTET STRING (0..255)

Trigger Action:

This notification is generated when the IPSec phase-1 invalid id failure occurs.

Recommended Action:

No action is required.

94. hh3cIKEInvalidProtocolFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.12

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the processing for an IKE Tunnel has a protocol related errors.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKEProtocolNum (1.3.6.1.4.1.25506.2.30.1.4.4)	Integer32	-2147483648..2147483647

Trigger Action:

This notification is generated when the processing for an IPSec Phase-1 IKE Tunnel has a protocol related errors.

Recommended Action:

No action is required.

95. hh3cIKECertTypeUnsuppFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.13

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 unsupported certificate type failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr	IpAddress	

Object Name	Object Type	ObjectValueScope
(1.3.6.1.4.1.25506.2.30.1.1.1.5)		
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	DisplayString	OCTET STRING (0..255)

Trigger Action:

This notification is generated when the IPsec phase-1 unsupported certificate type failure occurs.

Recommended Action:

No action is required.

96.hh3cIKEInvalidCertAuthFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.14

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPsec phase 1 invalid certificate authorization failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	DisplayString	OCTET STRING (0..255)

Trigger Action:

This notification is generated when the IPsec phase-1 invalid certificate authorization failure occurs.

Recommended Action:

No action is required.

97. hh3cIKEInvalidSignFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.15

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 invalid signature failure occurs.

Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	DisplayString	OCTET STRING (0..255)

Trigger Action:

This notification is generated when the IPSec phase-1 invalid signature failure occurs.

Recommended Action:

No action is required.

98. hh3cIKECertUnavailableFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.16

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when the IPSec phase-1 certificate unavailable failure occurs.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	IpAddress	
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	IpAddress	
hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	DisplayString	OCTET STRING (0..255)

Trigger Action:

This notification is generated when the IPSec phase-1 certificate unavailable failure occurs.

Recommended Action:

No action is required.

99.hh3cIKEProposalAdd

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.17

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when an IKE proposal is added.

Object Name	Object Type	ObjectValueScope
hh3cIKEProposalNumber (1.3.6.1.4.1.25506.2.30.1.4.1)	Integer32	-2147483648..2147483647
hh3cIKEProposalSize (1.3.6.1.4.1.25506.2.30.1.4.2)	Integer32	-2147483648..2147483647

Trigger Action:

This notification is generated when an IKE proposal is added.

Recommended Action:

No action is required.

100. hh3cIKEProposalDel

OID of this trap is:

1.3.6.1.4.1.25506.2.30.1.6.1.18

Module of MIB:

HH3C-IKE-MONITOR-MIB

MIB file:

hh3c-ike-monitor.mib

Description:

This notification is generated when an IKE proposal is deleted.

Object Name	Object Type	ObjectValueScope
hh3cIKEProposalNumber (1.3.6.1.4.1.25506.2.30.1.4.1)	Integer32	-2147483648..2147483647
hh3cIKEProposalSize (1.3.6.1.4.1.25506.2.30.1.4.2)	Integer32	-2147483648..2147483647

Trigger Action:

This notification is generated when an IKE proposal is deleted.

Recommended Action:

No action is required.

101. hh3cMacTabFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.1.4.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the MAC table is filled. The interval between two traps generated should be longer than hh3cMacTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cMacTabLen (1.3.6.1.4.1.25506.2.38.1.1.3.1)	Integer32	

Trigger Action:

MAC table is filled.

Recommended Action:

Check if the system is under the attack.

102. hh3cMacTabAlmostFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.1.4.2

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the MAC table is almost full. The interval between two traps generated should be longer than hh3cMacTabTrapInterval.

Object Name	Object Type	Object Value Scope
NA	NA	NA

Trigger Action:

MAC table is almost full.

Recommended Action:

Check if the system is under the attack.

103. hh3cArpTabFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.2.4.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the ARP table is filled. The interval between two traps generated should be longer than hh3cArpTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cMacTabLen (1.3.6.1.4.1.25506.2.38.1.1.3.1)	Integer32	

Trigger Action:

ARP table is filled.

Recommended Action:

If the system is not under the attack, max number of ARP configuration should be enlarge to accommodate the ARP.

104. hh3cArpPortDynamicEntryFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.2.4.2

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the ARP table is filled. The interval between two traps generated should be longer than hh3cArpTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cMacTabLen (1.3.6.1.4.1.25506.2.38.1.1.3.1)	Integer32	
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)

Trigger Action:

Send this trap when the dynamic ARP number of the port exceeds the limitation.

Recommended Action:

If the system is not under the attack, max number of ARP configuration should be enlarge to accommodate the ARP.

105. hh3cRtTabFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.3.5.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the routing table is filled. The interval between two traps generated should be longer than hh3cRtTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cRtTabLen	Integer32	

Object Name	Object Type	Object Value Scope
(1.3.6.1.4.1.25506.2.38.1.3.4.1)		

Trigger Action:

The routing table is filled.

Recommended Action:

Please reduce the number of routes in the network or use a higher-level equipment.

106. hh3cDetailRtTabFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.3.5.2

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the detail routing table is filled. The interval between two traps generated should be longer than hh3cRtTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cDetailRtProType (1.3.6.1.4.1.25506.2.38.1.3.1.1.1)	Integer32	INTEGER{ other(1) , local(2), rip(3), isis(4), ospf(5), bgp(6) }
hh3cRtTabLen (1.3.6.1.4.1.25506.2.38.1.3.4.1)	Integer32	

Trigger Action:

The routing detail table is filled.

Recommended Action:

Please delete unwanted static routes when the protocol type is 1. For other protocol types, please reduce the number of the protocol routes in the network or use a higher-level equipment.

107. hh3cDefaultRtDelTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.3.5.3

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the default routing is deleted. The interval between two traps generated should be longer than hh3cRtTabTrapInterval

Object Name	Object Type	Object Value Scope
hh3cDefaultRtNextHopType (1.3.6.1.4.1.25506.2.38.1.3.4.2)	InetAddressType	ipv4(1), ipv6(2)
hh3cDefaultRtNextHop (1.3.6.1.4.1.25506.2.38.1.3.4.3)	InetAddress	
hh3cDefaultRtOutIf (1.3.6.1.4.1.25506.2.38.1.3.4.4)	InterfaceIndex	
hh3cDetailRtProType (1.3.6.1.4.1.25506.2.38.1.3.1.1.1)	INTEGER	other(1) local(2) rip(3) isis(4) ospf(5) bgp(6)

Trigger Action:

This notification will be generated when the default route is deleted.

Recommended Action:

No action is required.

108. hh3cMulticastTabFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.38.1.4.4.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the multicast table is filled. The interval between two traps generated should be longer than hh3cMulticastTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cMulticastTabType (1.3.6.1.4.1.25506.2.38.1.4.3.1)	Integer32	INTEGER{ lay2(1), lay3(2)}
hh3cMulticastTabLen (1.3.6.1.4.1.25506.2.38.1.4.3.2)	Integer32	

Trigger Action:

The multicast table of layer 2 or layer 3 is filled.

Recommended Action:

Please reduce the number of multicast table in the network or use a higher-level equipment.

109. hh3cNdTabFullTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.38.1.5.4.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

Send this trap when the ND table is filled. The interval between two traps generated should be longer than hh3cNdTabTrapInterval.

Object Name	Object Type	Object Value Scope
hh3cNdTabLen (1.3.6.1.4.1.25506.2.38.1.5.3.1)	Integer32	

Trigger Action:

ND table is filled.

Recommended Action:

No action is required.

110. hh3cPeriodicalTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.38.1.6.3.0.1

Module of MIB:

HH3C-TRAP-MIB

MIB file:

hh3c-trap.mib

Description:

If no trap occurs during the interval specified by hh3cPeriodicalTrapInterval, an hh3cPeriodicalTrap will be generated. If the interval is set to 0, no hh3cPeriodicalTrap will be generated.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

No trap occurs during the interval specified by hh3cPeriodicalTrapInterval.

Recommended Action:

No action is required

111. hh3clfbandwidthUsageHigh

OID of this trap is:

1.3.6.1.4.1.25506.2.40.3.0.1

Module of MIB:

HH3C-IF-EXT-MIB

MIB file:

hh3c-if-ext.mib

Description:

The notification is generated when the rate of the bandwidth for the interface exceeds the upper limit

Object Name	Object Type	ObjectValueScope
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	
hh3clfbandwidthRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.3)	Integer32	0..100
hh3clfbandwidthUpperLimit (1.3.6.1.4.1.25506.2.40.3.1.1.1.1)	Integer32	0..100

Trigger Action:

The bandwidth of the interface exceeds the upper limit

Recommended Action:

No action is required.

112. hh3clfdiscardPktRateHigh

OID of this trap is:

1.3.6.1.4.1.25506.2.40.3.0.2

Module of MIB:

HH3C-IF-EXT-MIB

MIB file:

hh3c-if-ext.mib

Description:

The notification is generated when the rate of the discarded packets for the interface exceeds the upper limit

Object Name	Object Type	ObjectValueScope
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	
hh3cIfDiscardPktRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.4)	Integer32	0..100
hh3cIfDiscardPktRateUpperLimit (1.3.6.1.4.1.25506.2.40.3.1.1.1.2)	Integer32	0..100

Trigger Action:

The discarded packets for the interface exceeds the upper limit

Recommended Action:

Check the link status.

113. hh3cEponUniLinkUpTrap

OID of this trap is: 1.3.6.1.4.1.25506.2.42.5.2.0.1

Description:

A hh3cEponUniLinkUpTrap notification is sent when the UNI up event is detected and the transmitting switch is turned on.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	
hh3cEponUniIndex (1.3.6.1.4.1.25506.2.42.5.1.1.1.1)	INTEGER	
hh3cEponUniDescr (1.3.6.1.4.1.25506.2.42.5.1.1.1.2)	OCTET STRING	
hh3cEponUniAdminStatus (1.3.6.1.4.1.25506.2.42.5.1.1.1.3)	INTEGER	up(1),down(2),testing(3)

Trigger Action:

When the transmitting switch on the ONU is turned on,the trap information(not

trap) about UNI up event is sent to EPON module of the S7500E. After this , the information is modified to a trap by the EPON module and sent to IC(info-center).

Recommended Action:

Check whether the UNI port is normal.

114. hh3cEponUniLinkDownTrap

OID of this trap is: 1.3.6.1.4.1.25506.2.42.5.2.0.2

Description:

A hh3cEponUniLinkDownTrap notification is sent when the UNI down event is detected and the transmitting switch is turned on.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER	1: 0..255
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	
hh3cEponUniIndex (1.3.6.1.4.1.25506.2.42.5.1.1.1.1)	INTEGER	
hh3cEponUniDescr (1.3.6.1.4.1.25506.2.42.5.1.1.1.2)	OCTET STRING	
hh3cEponUniAdminStatus (1.3.6.1.4.1.25506.2.42.5.1.1.1.3)	INTEGER	up(1),down(2),testing(3)

Trigger Action:

When the transmitting switch on the ONU is turned on,the trap information(not trap) about UNI down event is sent to EPON module of the S7500E. After this , the information is modified to a trap by the EPON module and sent to IC(info-center).

Recommended Action:

Check whether the UNI port is normal.

115. hh3cEponOnuAutoBindTrap

OID of this trap is: 1.3.6.1.4.1.25506.2.42.1.8.0.34

Description:

A hh3cEponOnuAutoBindTrap notification is sent when a silent ONU is bound

automatically.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER	
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	1: 0..255
hh3cOnuBindMacAddress (1.3.6.1.4.1.25506.2.42.1.5.7.1.1)	OCTET STRING	
hh3cEponOperationResult (1.3.6.1.4.1.25506.2.42.1.7.12)	OCTET STRING	1: 0..255

Trigger Action:

Before, we bound the ONU MAC with a virtual ONU port manually. Nowadays, we plan to develop a function to realize auto-bind. Then a silent ONU is bound automatically., the hh3cEponOnuAutoBindTrap will be sent to notify the users.

Recommended Action:

Check whether the ONU MAC is bound correctly.

116. hh3cEponOnuPortStpStateTrap

OID of this trap is: 1.3.6.1.4.1.25506.2.42.1.8.0.35

Description:

A hh3cEponOnuPortStpStateTrap notification is sent when a port turns into another state in STP environment.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER	
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	1: 0..255
hh3cEponStpPortIndex (1.3.6.1.4.1.25506.2.42.1.5.28.1.1)	INTEGER	0..144
hh3cEponStpPortDescr (1.3.6.1.4.1.25506.2.42.1.5.28.1.2)	OCTET STRING	1: 0..255
hh3cEponStpPortState (1.3.6.1.4.1.25506.2.42.1.5.28.1.3)	INTEGER	disabled(1),discarding(2),learning(3),forwarding(4)

Trigger Action:

ONU STP's state machine is recalculated.

Recommended Action:

Please check whether there has link fault in the network after the network topology is stable.

117. hh3cDLDPUnidirectionalPort

OID of this trap is:

1.3.6.1.4.1.25506.2.43.2.1.1

Module of MIB:

HH3C-DLDP-MIB

MIB file:

hh3c-dldp.mib

Description:

It will send a SNMP trap when the state of a port has changed to unidirectional-link .

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	

Trigger Action:

One port has changed to unidirectional-link .

Recommended Action:

Shutdown the port and check the unidirectional-link.

118. hh3cRrppRingRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.45.3.1

Module of MIB:

HH3C-RRPP-MIB

MIB file:

hh3c-rrpp.mib

Description:

Trap message is generated by master-node on the ring when the ring recovers from fault..

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cRrppDomainID (1.3.6.1.4.1.25506.2.45.2.1.1.1)	Integer32	1..16
hh3cRrppRingID (1.3.6.1.4.1.25506.2.45.2.2.1.1)	Integer32	1..64

Trigger Action:

the ring recovers from fault.

Recommended Action:

No action is required

119. hh3cRrppRingFail

OID of this trap is:

1.3.6.1.4.1.25506.2.45.3.2

Module of MIB:

HH3C-RRPP-MIB

MIB file:

hh3c-rrpp.mib

Description:

Trap message is generated by master-node on the ring when the ring fails

Object Name	Object Type	ObjectValueScope
hh3cRrppDomainID (1.3.6.1.4.1.25506.2.45.2.1.1.1)	Integer32	1..16
hh3cRrppRingID (1.3.6.1.4.1.25506.2.45.2.2.1.1)	Integer32	1..64

Trigger Action:

The ring fails.

Recommended Action:

Check devices on this RRPP ring. The physical topology is not a ring anymore.

120. hh3cRrppMultiMaster

OID of this trap is:

1.3.6.1.4.1.25506.2.45.3.3

Module of MIB:

HH3C-RRPP-MIB

MIB file:

hh3c-rrpp.mib

Description:

Trap message is generated by master-node when it detects there are more than one master-node on the ring.

Object Name	Object Type	ObjectValueScope
hh3cRrppDomainID (1.3.6.1.4.1.25506.2.45.2.1.1.1)	Integer32	1..16
hh3cRrppRingID (1.3.6.1.4.1.25506.2.45.2.2.1.1)	Integer32	1..64

Trigger Action:

Master-node detects there are more than one master-node on the ring.

Recommended Action:

Check the configuration of each device on this RRPP ring.

121. hh3cRrppMajorFault

OID of this trap is:

1.3.6.1.4.1.25506.2.45.3.4

Module of MIB:

HH3C-RRPP-MIB

MIB file:

hh3c-rrpp.mib

Description:

Trap message is generated by edge-node or assistant-edge-node when it detects major fault.

Object Name	Object Type	ObjectValueScope
hh3cRrppDomainID (1.3.6.1.4.1.25506.2.45.2.1.1.1)	Integer32	1..16
hh3cRrppRingID (1.3.6.1.4.1.25506.2.45.2.2.1.1)	Integer32	1..64

Trigger Action:

edge-node or assistant-edge-node detects major fault.

Recommended Action:

shut down links between edge-node and assistant-edge-node on major-ring.

122. hh3cCBQoSIfPolicyChanged

OID of this trap is:

1.3.6.1.4.1.25506.2.65.2.1.7.0.1

Module of MIB:

HH3C-CBQOS2-MIB

MIB file:

hh3c-cbqos2.mib

Description:

This trap is generated when the policy applied on the interface is refreshed.

Object Name	Object Type	Object Value Scope
hh3cCBQoSIfApplyPolicyIfIndex (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.1)	Integer32	1..2147483647
hh3cCBQoSIfApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.2)	Integer	1..2

Trigger Action:

The policy applied on the interface is refreshed.

Recommended Action:

Check that whether the policy is refreshed successfully.

123. hh3cCBQoSIfPolicyChanged

OID of this trap is:

1.3.6.1.4.1.25506.2.65.2.1.7.0.2

Module of MIB:

HH3C-CBQOS2-MIB

MIB file:

hh3c-cbqos2.mib

Description:

This trap is generated when the policy applied on the VLAN is refreshed.

Object Name	Object Type	Object Value Scope
hh3cCBQoSIfApplyPolicyVlanid (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.1)	Integer32	1..4096

Object Name	Object Type	Object Value Scope
hh3cCBQoSvlanApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.2)	Integer	1..2

Trigger Action:

The policy applied on the VLAN is refreshed.

Recommended Action:

Check that whether the policy is refreshed successfully.

124. hh3cStormRising

OID of this trap is:

1.3.6.1.4.1.25506.2.66.3.1

Module of MIB:

HH3C-STORM-CONSTRAIN-MIB

MIB file:

hh3c-storm-constrain.mib

Description:

This trap message is generated when any type of the flux exceeds its upper limit on a port.

Object Name	Object Type	ObjectValueScope
ifIndex(1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
hh3cStormTrapType (1.3.6.1.4.1.25506.2.66.1.1)	INTEGER	broadcast(1), multicast(2), unicast(3)
hh3cStormTrapThreshold (1.3.6.1.4.1.25506.2.66.1.2)	Integer32	
hh3cStormCtrlPortStatus (1.3.6.1.4.1.25506.2.66.2.1.1.1)	INTEGER	controlled(1), normal(2)

Trigger Action:

When any type of the flux exceeds its upper limit on a port, the notification will be generated.

Recommended Action:

Check the flux of the interface.

125. hh3cStormFalling

OID of this trap is:

1.3.6.1.4.1.25506.2.66.3.2

Module of MIB:

HH3C-STORM-CONSTRAIN-MIB

MIB file:

hh3c-storm-constrain.mib

Description:

This trap message is generated when a flux which used to overflow its upper limit, falls below its lower limit on a port.

Object Name	Object Type	ObjectValueScope
ifIndex(1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
hh3cStormTrapType (1.3.6.1.4.1.25506.2.66.1.1)	INTEGER	broadcast(1), multicast(2), unicast(3)
hh3cStormTrapThreshold (1.3.6.1.4.1.25506.2.66.1.2)	Integer32	
hh3cStormCtrlPortStatus (1.3.6.1.4.1.25506.2.66.2.1.1.1)	INTEGER	controlled(1), normal(2)

Trigger Action:

This trap message is generated when a flux which used to overflow its upper limit, falls below its lower limit on a port.

Recommended Action:

No action is required.

126. hh3cIpAddressChangeNotify

OID of this trap is: 1.3.6.1.4.1.25506.2.67.2.2.0.1

Description:

This trap is generated when the device interface IP address change.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cIpAddrNotifyIfIndex (1.3.6.1.4.1.25506.2.67.2.1.1)	Integer	1..2147483647
hh3cIpAddrOldIpAddress (1.3.6.1.4.1.25506.2.67.2.1.2)	Octets	
hh3cIpAddrNewIpAddress (1.3.6.1.4.1.25506.2.67.2.1.3)	Octets	

Trigger Action:

The device interface IP address change.

Recommended Action:

No action is required

127. hh3cDot11ACMtTunnelSetupTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.1.3.0.1

Module of MIB:

HH3C-DOT11-ACMT-MIB

MIB file:

hh3c-dot11-acmt.mib

Description:

This notification is sent by AC when CAPWAP tunnel becomes up.

By this way, NMS will immediately know tunnel up event.

It is unnecessary to identify whether it is control or data tunnel.

Object Name	Object Type	Object Value Scope
hh3cDot11CurrTunnelAPIID (1.3.6.1.4.1.25506.2.75.1.2.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11ACMtTrapTunlUpInfo (1.3.6.1.4.1.25506.2.75.1.3.1.2)	INTEGER	1: up(1)
hh3cDot11ACMtTrapTnlAPName (1.3.6.1.4.1.25506.2.75.1.3.1.4)	OCTET STRING	
hh3cDot11ACMtTrapTnlAPIPAddr (1.3.6.1.4.1.25506.2.75.1.3.1.5)	IpAddress	
hh3cDot11ACMtTrapAPIIPv6Addr (1.3.6.1.4.1.25506.2.75.1.3.1.8)	OCTET STRING	

Trigger Action:

This notification is sent by AC when CAPWAP tunnel becomes up..

Recommended Action:

No action is required.

128. hh3cDot11ACMtTunnelDownTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.1.3.0.2

Module of MIB:

HH3C-DOT11-ACMT-MIB

MIB file:

hh3c-dot11-acmt.mib

Description:

This notification is sent by AC when CAPWAP tunnel becomes down.

By this way, NMS will immediately know tunnel down event.

It is unnecessary to identify whether it is control or data tunnel.

Object Name	Object Type	Object Value Scope
hh3cDot11CurrTunnelAPIID (1.3.6.1.4.1.25506.2.75.1.2.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11ACMtTrapTunlDwnInfo (1.3.6.1.4.1.25506.2.75.1.3.1.1)	INTEGER	1: tunnelTimeout(1) 2: keyUpdateFailure(2) 3: apReset(3) 4: apCrash(4) 5: apDeleted(5) 6: apCfgChange(6)
hh3cDot11ACMtTrapTnlAPName (1.3.6.1.4.1.25506.2.75.1.3.1.4)	OCTET STRING	
hh3cDot11ACMtTrapTnlAPIPAddr (1.3.6.1.4.1.25506.2.75.1.3.1.5)	IpAddress	
hh3cDot11ACMtTrapAPIIPv6Addr (1.3.6.1.4.1.25506.2.75.1.3.1.8)	OCTET STRING	

Trigger Action:

This notification is sent by AC when CAPWAP tunnel becomes down.

Recommended Action:

No action is required.

129. hh3cDot11ACMtBackupSwtTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.1.3.0.3

Module of MIB:

HH3C-DOT11-ACMT-MIB

MIB file:

hh3c-dot11-acmt.mib

Description:

This trap is sent by AC when AC switches from master to slave or from slave to master.

Object Name	Object Type	Object Value Scope
hh3cDot11ACMTTrapBackupSwitchInfo (1.3.6.1.4.1.25506.2.75.1.3.1.3)	INTEGER	1: masterToSlave(1) 2: slaveToMaster(2)

Trigger Action:

This trap is sent by AC when AC switches from master to slave or from slave to master.

Recommended Action:

Dispatch to site CK the cable or fiber connection between the master AC and slave AC is firmly. If link is firmly, reboot master AC to attempt to clear this alarm. If not cleared, please contact to device supplier to replace with the new device.

130. hh3cDot11ACLoadBalanceTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.1.3.0.4

Module of MIB:

HH3C-DOT11-ACMT-MIB

MIB file:

hh3c-dot11-acmt.mib

Description:

This trap is sent by AC when load-balance is enabled on AC.

Object Name	Object Type	Object Value Scope
hh3cDot11LoadBalanceType (1.3.6.1.4.1.25506.2.75.1.3.1.6)	INTEGER	1: traffic(1) 2: session (2)
hh3cDot11LoadBalanceThreshold (1.3.6.1.4.1.25506.2.75.1.3.1.7)	INTEGER	

Trigger Action:

This trap is sent by AC when load-balance is enabled on AC.

Recommended Action:

No action is required.

131. hh3cDot11APMtWorkModeChgTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.1

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will represent AP changes the work mode, and hh3cDot11APWorkMode suggests which work mode will be used by AP.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11APChgWorkMode (1.3.6.1.4.1.25506.2.75.2.3.1.6)	INTEGER	1: normal(1) 2: monitor(2)

Trigger Action:

Work mode of the AP is changed.

Recommended Action:

No action is required.

132. hh3cDot11APMtCfgErrorTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.2

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will represent errors caused by the configuration operation of AP.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APMtTrapCfgErrReason (1.3.6.1.4.1.25506.2.75.2.3.1.1)	Hh3cDot11NotifyReasonType	OCTET STRING

Trigger Action:

This notification is sent when AC failed to update the configuration of AP because of the reason indicated by hh3cDot11APMtTrapCfgErrReason.

Recommended Action:

Check why this notification is sent according to hh3cDot11APMtTrapCfgErrReason.

133. hh3cDot11APMtRadioFailTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.3

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will notify which the operational status of radio becomes down.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APMtTrapRadioFailReason (1.3.6.1.4.1.25506.2.75.2.3.1.2)	INTEGER	1: config(1), 2: hh3cerror(2), 3: swerror(3), 4: radar(4), 5: unknown(8)

Trigger Action:

This notification is sent when AC failed to update the configuration of radio because of the reason indicated by hh3cDot11APMtTrapRadioFailReason.

Recommended Action:

Check why this notification is sent according to hh3cDot11APMtTrapRadioFailReason.

134. hh3cDot11APMtRdoChanlChgTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.5

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will represent which radio changes the channel.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APChannelChgMode (1.3.6.1.4.1.25506.2.75.2.3.1.5)	Hh3cDot11RFModeType	1: manual(1) 2: auto(2)
hh3cDot11APMtTrapOldChannel (1.3.6.1.4.1.25506.2.75.2.3.1.3)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APMtTrapNewChannel (1.3.6.1.4.1.25506.2.75.2.3.1.4)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APMtChanlChgCount (1.3.6.1.4.1.25506.2.75.2.3.1.16)	Integer32	

Trigger Action:

This notification is sent when channel of the radio is changed.

Recommended Action:

No action is required.

135. hh3cDot11APMtTimeSynFail

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.6

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when AC and AP failed to synchronize their time.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)

Trigger Action:

The notification will be sent when AC and AP failed to synchronize their time.

Recommended Action:

Check whether tunnel between AC and AP goes down.

136. hh3cDot11APMtChlIntfDetected

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.7

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when some ambient device interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

The notification will be sent when some ambient device interferes (e.g. a foreign AP) with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

137. hh3cDot11APMtlntfAPDetected

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.8

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when some ambient AP interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APIntfDevMACAddress (1.3.6.1.4.1.25506.2.75.2.3.1.7)	MacAddress	

Trigger Action:

The notification will be sent when some ambient device interferes (e.g. a foreign AP) with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

138. hh3cDot11APMtlntfStaDetected

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.9

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when some ambient station interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APIntfDevMACAddress (1.3.6.1.4.1.25506.2.75.2.3.1.7)	MacAddress	

Trigger Action:

The notification will be sent when some ambient device interferes (e.g. a foreign station) with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

139. hh3cDot11APMtIPChange

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.10

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when IP address of the AP changes.

Object Name	Object Type	Object Value Scope
hh3cDot11APIPAddress (1.3.6.1.4.1.25506.2.75.2.1.1.1.2)	IpAddress	
hh3cDot11APMtTrapOldIPAddr (1.3.6.1.4.1.25506.2.75.2.3.1.8)	IpAddress	

Trigger Action:

The notification will be sent when IP address of the AP changes.

Recommended Action:

No action is required.

140. hh3cDot11APFlashWriteFailure**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.11

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when AP failed to write data into flash.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
h3cDot11APMTFormerApVersion (1.3.6.1.4.1.25506.2.75.2.3.1.17)	OCTET STRING	

Trigger Action:

The notification will be sent when AP failed to write data into flash.

Recommended Action:

Dispatch to site CK if there is not enough space in the flash of AP. If not enough space, please notify SMC to remove some unused files.

141. hh3cDot11APSysReboot**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.12

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when AP reboots.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)

Trigger Action:

The notification will be sent when AP reboots.

Recommended Action:

No action is required.

142. hh3cDot11APMtAvailChlTooLow**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.13

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when number of available channels is too low.

Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

The notification will be sent when number of available channels is too low.

Recommended Action:

Alarm occurs when interference sources such as interference APs, interference stations are detected on all the channels.

Dispatch to site to CK interference sources signal strength. The APs and stations which signal strength is above -60dbm are considered as interference sources.

Check whether there are too many APs or stations are deployed. Relocate the interference APs or switched off some APs if unused.

143. hh3cDot11APImgDwldSuccess**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.14

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when AP succeeds to download image from AC.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11CurrAPName (1.3.6.1.4.1.25506.2.75.2.1.2.1.8)	OCTET STRING	
hh3cDot11CurrAPIPAddress (1.3.6.1.4.1.25506.2.75.2.1.2.1.2)	IpAddress	
hh3cDot11CurrAPSoftwareVersion (1.3.6.1.4.1.25506.2.75.2.1.2.1.11)	OCTET STRING	

Trigger Action:

The notification will be sent when AP succeeds to download image from AC.

Recommended Action:

No action is required.

144. hh3cDot11APInterfDetectedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.15

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when some ambient AP interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11CurrInterfDetectedNum (1.3.6.1.4.1.25506.2.75.2.3.1.9)	Integer32	
hh3cDot11InterfMacList (1.3.6.1.4.1.25506.2.75.2.3.1.13)	OCTET STRING	

Trigger Action:

This notification will be sent when some ambient AP interferes with current channel.

Recommended Action:

Alarm occurs when an AP is detected on current channel and its signal strength exceed -60dbm.

Notify SMC to ensure avoid interference by change the channel of radio by command "channel".

145. hh3cDot11APInterfClearTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.16

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when interference caused by ambient APs on the current channel disappears.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

This notification will be sent when interference caused by ambient APs on the current channel disappears.

Recommended Action:

No action is required.

146. hh3cDot11StaInterfDetectedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.17

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when some ambient station interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11CurrInterfDetectedNum (1.3.6.1.4.1.25506.2.75.2.3.1.9)	Integer32	
hh3cDot11InterfMacList (1.3.6.1.4.1.25506.2.75.2.3.1.13)	OCTET STRING	

Trigger Action:

This notification will be sent when some ambient station interferes with current channel.

Recommended Action:

Alarm occurs when an station is detected on current channel and its signal strength exceed -60dbm.

Notify SMC to ensure avoid interference by change the channel of radio by command "channel".

147. hh3cDot11StaInterfClearTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.18

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when interference caused by ambient STAs on the current channel disappears.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

This notification will be sent when interference caused by ambient STAs on the current channel disappears.

Recommended Action:

No action is required.

148. hh3cDot11OtherDevIntDetectedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.19

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when interference caused by ambient devices on the current channel happens.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

This notification will be sent when interference caused by ambient devices on the current channel happens.

Recommended Action:

Check whether the channel of the radio should be changed.

149. hh3cDot11OtherDevIntClearTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.20

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when interference caused by ambient devices on the current channel disappears.

Object Name	Object Type	Object Value Scope
hh3cDot11Channel (1.3.6.1.4.1.25506.2.75.2.1.3.1.5)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

This notification will be sent when interference caused by ambient devices on the current channel disappears.

Recommended Action:

No action is required.

150. hh3cDot11APModuleTroubleTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.21

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when WLAN module failed.

Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

This notification will be sent when WLAN module failed. For example, radio of the AP is removed.

Recommended Action:

Dispatch to site CK the radio card is fix firmly. If fix firmly, reboot the AP to attempt to clear this trap. If not cleared, contact to device supplier to replace with the new device.

151. hh3cDot11APModuleTroubleClearTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.22

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when WLAN module recovered.

Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

This notification will be sent when WLAN module recovered.

Recommended Action:

No action is required.

152. hh3cDot11APRadioDownTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.23

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when WLAN links interrupted.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APRadioDownReason (1.3.6.1.4.1.25506.2.75.2.3.1.12)	INTEGER	1: physicalUnusable(1) 2: configDisable(2) 3: operatinUnusable(3) 4: apTunnelDown(4)

Trigger Action:

This notification will be sent when WLAN links interrupted because of the reason indicated by hh3cDot11APRadioDownReason.

Recommended Action:

Dispatch to site CK the radio card is fix firmly. If fix firmly, reboot the AP to attempt to clear this trap. If not cleared, contact to device supplier to replace with the new device.

153. hh3cDot11APRadioDownRecovTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.24

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when WLAN links recover.

Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

This notification will be sent when WLAN links recovered.

Recommended Action:

No action is required.

154. hh3cDot11APStaFullTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.25

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when STA number reach limit number.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11StaLimitNumber (1.3.6.1.4.1.25506.2.75.2.3.1.11)	Integer32	
hh3cDot11StaFullReason (1.3.6.1.4.1.25506.2.75.2.3.1.10)	INTEGER	1: ap(1) 2: bss(2) 3: radio(3) 4: radioConcur(4) 5: radiopolicy(5) 6: ac(6) 7: acConcur(7) 8: aid(8)

Trigger Action:

This notification will be sent when STA number reach limit number because of the reason indicated by hh3cDot11StaFullReason.

Recommended Action:

No action is required.

155. hh3cDot11APStaFullRecoverTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.26

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when STA number recover enough level.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING
hh3cDot11StaLimitNumber (1.3.6.1.4.1.25506.2.75.2.3.1.11)	Integer32	
hh3cDot11StaFullReason (1.3.6.1.4.1.25506.2.75.2.3.1.10)	INTEGER	1: ap(1) 2: bss(2) 3: radio(3) 4: radioConcur(4) 5: radiopolicy(5) 6: ac(6) 7: acConcur(7) 8: aid(8)

Trigger Action:

This notification will be sent when STA number recover enough level.

Recommended Action:

No action is required.

156. hh3cDot11DFSFreeCntBelowThrRecov

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.27

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when available channels number recover enough level.

Object Name	Object Type	Object Value Scope
hh3cDot11RadioID (1.3.6.1.4.1.25506.2.75.2.1.3.1.2)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

This notification will be sent when available channels number recover enough level.

Recommended Action:

No action is required.

157. hh3cDot11APTrapUserCntExceedThre

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.32

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when the online user counter exceeds the threshold.

Object Name	Object Type	Object Value Scope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11APTrapUserCnt (1.3.6.1.4.1.25506.2.75.2.3.1.14)	Integer32	
hh3cDot11APTrapUserThreshold (1.3.6.1.4.1.25506.2.75.2.3.1.15)	Integer32	

Trigger Action:

The notification will be sent when the online user counter exceeds the threshold.

Recommended Action:

No action is required.

158. hh3cDot11APMtDetectedIntfAP

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.33

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when some ambient AP interferes with current channel.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11APMtAPIID (1.3.6.1.4.1.25506.2.75.2.3.1.18)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11APMtRadioID (1.3.6.1.4.1.25506.2.75.2.3.1.19)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APMtChannel (1.3.6.1.4.1.25506.2.75.2.3.1.20)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APMtInterfMacAdd (1.3.6.1.4.1.25506.2.75.2.3.1.21)	MacAddress	

Trigger Action:

This notification will be sent when some ambient AP interferes with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

159. hh3cDot11APMtDetectedIntfSTA

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.34

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when some ambient STA interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11APMtAPIID (1.3.6.1.4.1.25506.2.75.2.3.1.18)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11APMtRadioID (1.3.6.1.4.1.25506.2.75.2.3.1.19)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APMtChannel (1.3.6.1.4.1.25506.2.75.2.3.1.20)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11APMtInterfMacAdd (1.3.6.1.4.1.25506.2.75.2.3.1.21)	MacAddress	

Trigger Action:

This notification will be sent when some ambient STA interferes with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

160. hh3cDot11APMtDetectedIntfOtherDev**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.2.3.0.35

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

This notification will be sent when other device interferes with current channel.

Object Name	Object Type	Object Value Scope
hh3cDot11APMtAPIID (1.3.6.1.4.1.25506.2.75.2.3.1.18)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11APMtRadioID (1.3.6.1.4.1.25506.2.75.2.3.1.19)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11APMtChannel (1.3.6.1.4.1.25506.2.75.2.3.1.20)	Hh3cDot11ChannelScopeType	Integer32

Trigger Action:

This notification will be sent when other device interferes with current channel.

Recommended Action:

Check whether the channel of the radio should be changed.

161. hh3cDot11StationMICErrorTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.3.2.0.1

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This notification is to indicate the occurrence of a MIC failure in a certain station.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11CurrAPID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationTrapBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.1)	MacAddress	
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	

Trigger Action:

This notification is to indicate the occurrence of a MIC failure in a certain station.

Recommended Action:

No action is required.

162. hh3cDot11StationAuthenErrorTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.2

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This notification is to indicate which station happened authentication failure.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11CurrAPID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationTrapBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.1)	MacAddress	
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11StationAuthenMode (1.3.6.1.4.1.25506.2.75.3.1.1.1.13)	Hh3cDot11AKMType	1: none(1) 2: psk(2) 3: dot1x(3) 4: wapi(4)
hh3cDot11StationAKMMMode (1.3.6.1.4.1.25506.2.75.3.1.1.1.14)	Hh3cDot11CipherType	1: none(1) 2: wep40(2) 3: tkip(4) 4: aesccmp(16) 5: wep104(32) 6: wpisms4(64) 7: wep128(128)

Trigger Action:

This notification is to indicate which station happened authentication failure in authentication phase.

Recommended Action:

Check whether authentication method or key is correct.

163. hh3cDot11StationAuthorFailTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.3

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This trap is sent if a station authorization fails.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11StationUserName (1.3.6.1.4.1.25506.2.75.3.1.1.1.3)	OCTET STRING	
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationAuthorFailCause (1.3.6.1.4.1.25506.2.75.3.2.1.5)	Hh3cDot11AuthorFailType	1: unknownfailure(1) 2: invaldie(2) 3: rsnieversionunsupported(3) 4: wpaieversionunsupported(4) 5: groupcipherinvalid(5) 6: pairwisecipherinvalid(6) 7: akminvalid(7)
hh3cDot11StationFailCauseDesc (1.3.6.1.4.1.25506.2.75.3.2.1.6)	OCTET STRING	
hh3cDot11CurrAPIID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11StationBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.11)	MacAddress	
hh3cDot11StationAuthenMode (1.3.6.1.4.1.25506.2.75.3.1.1.1.13)	Hh3cDot11AKMType	1: none(1) 2: psk(2) 3: dot1x(3) 4: wapi(4)

Trigger Action:

This trap is sent if a station authorization fails.

Recommended Action:

Check whether the configuration of client is correct.

164. hh3cDot11StationAssocFailTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.3.2.0.4

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This trap is sent if a station association fails.

Object Name	Object Type	Object Value Scope
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationAssocFailCause (1.3.6.1.4.1.25506.2.75.3.2.1.4)	Hh3cDot11AssocFailType	1: unknownfailure(1) 2: toomanyassoc(2) 3: invaldie(3) 4: unsupportedrate(4) 5: unsupportedpwrcap(5) 6: unsupportedcap(6)
hh3cDot11StationFailCauseDesc (1.3.6.1.4.1.25506.2.75.3.2.1.6)	OCTET STRING	

Trigger Action:

This trap is sent if a station association fails.

Recommended Action:

Check whether the configuration of client is correct.

165. hh3cDot11StationDeAssocTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.5

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This trap is sent if a station de-association occurred.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11StationUserName (1.3.6.1.4.1.25506.2.75.3.1.1.1.3)	OCTET STRING	
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11StationVlanId (1.3.6.1.4.1.25506.2.75.3.1.1.1.11)	Integer32	
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationSessionDuration (1.3.6.1.4.1.25506.2.75.3.2.1.7)	Unsigned32	
hh3cDot11StationAPName (1.3.6.1.4.1.25506.2.75.3.2.1.10)	OCTET STRING	
hh3cDot11StationBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.11)	MacAddress	

Trigger Action:

This trap is sent if a station de-association occurred.

Recommended Action:

No action is required.

166. hh3cDot11StationAuthorSuccTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.6

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This trap is sent when a station is authorized successfully.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11StationUserName (1.3.6.1.4.1.25506.2.75.3.1.1.1.3)	OCTET STRING	
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11StationVlanId (1.3.6.1.4.1.25506.2.75.3.1.1.1.11)	Integer32	
hh3cDot11StationSessionStartTime	DateAndTime	
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11CurrAPID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11StationAPName (1.3.6.1.4.1.25506.2.75.3.2.1.10)	OCTET STRING	
hh3cDot11StationBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.11)	MacAddress	

Trigger Action:

This trap is sent when a station is authorized successfully.

Recommended Action:

No action is required.

167. hh3cDot11StationRoamingTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.7

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This trap is sent when a station roamed successfully.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11CurrAPID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET SRING(0..127)
hh3cDot11StationUserName (1.3.6.1.4.1.25506.2.75.3.1.1.1.3)	OCTET STRING	
hh3cDot11StationTrapStaMAC (1.3.6.1.4.1.25506.2.75.3.2.1.2)	MacAddress	
hh3cDot11StationVlanId (1.3.6.1.4.1.25506.2.75.3.1.1.1.11)	Integer32	
hh3cDot11StationRoamingTime (1.3.6.1.4.1.25506.2.75.3.2.1.8)	Unsigned32	
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationACIPAddress (1.3.6.1.4.1.25506.2.75.3.2.1.9)	IpAddress	

Trigger Action:

This trap is sent when a station roamed successfully.

Recommended Action:

No action is required.

168. hh3cDot11StationDisconnectTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.3.2.0.8

Module of MIB:

HH3C-DOT11-STATION-MIB

MIB file:

hh3c-dot11-station.mib

Description:

This notification is sent when station disconnects with AP.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11StationAPName (1.3.6.1.4.1.25506.2.75.3.2.1.10)	OCTET STRING	
hh3cDot11StationBSSID (1.3.6.1.4.1.25506.2.75.3.2.1.11)	MacAddress	
hh3cDot11StationSSIDName (1.3.6.1.4.1.25506.2.75.3.1.1.1.12)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11StationSessionDuration (1.3.6.1.4.1.25506.2.75.3.2.1.7)	Unsigned32	
hh3cDot11StationVlanId (1.3.6.1.4.1.25506.2.75.3.1.1.1.11)	Integer32	
hh3cDot11CurrAPIID (1.3.6.1.4.1.25506.2.75.3.1.2.1.1)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11CurrRadioID (1.3.6.1.4.1.25506.2.75.3.1.2.1.2)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11StaDisconnectReason (1.3.6.1.4.1.25506.2.75.3.2.1.12)	OCTET STRING	

Trigger Action:

This notification is sent when station disconnects with AP.

Recommended Action:

No action is required.

169. hh3cDot11CfgCipherChange

OID of this trap is:

1.3.6.1.4.1.25506.2.75.4.9.0.1

Module of MIB:

HH3C-DOT11-CFG-MIB

MIB file:

hh3c-dot11-cfg.mib

Description:

This notification is sent when cipher type of corresponding service template is changed.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11SSIDName (1.3.6.1.4.1.25506.2.75.4.2.2.1.2)	Hh3cDot11SSIDStringType	OCTET STRING
hh3cDot11SecurityCiphers (1.3.6.1.4.1.25506.2.75.4.2.3.1.3)	INTEGER	1: wep40(2) 2: tkip(4) 3: aescmp(16) 4: wep104(32) 5: wpisms4(64) 6: wep128(128)

Trigger Action:

This notification is sent when cipher type of corresponding service template is changed.

Recommended Action:

No action is required.

170. hh3cDot11CfgPSKChange

OID of this trap is:

1.3.6.1.4.1.25506.2.75.4.9.0.2

Module of MIB:

HH3C-DOT11-CFG-MIB

MIB file:

hh3c-dot11-cfg.mib

Description:

This notification is sent when pre-shared key of corresponding service template is changed.

Object Name	Object Type	Object Value Scope
hh3cDot11SSIDName (1.3.6.1.4.1.25506.2.75.4.2.2.1.2)	Hh3cDot11SSIDStringType	OCTET STRING

Trigger Action:

This notification is sent when pre-shared key of corresponding service template is changed.

Recommended Action:

No action is required.

171. hh3cDot11SSIDWepIDConflictTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.4.9.0.3

Module of MIB:

HH3C-DOT11-CFG-MIB**MIB file:**

hh3c-dot11-cfg.mib

Description:

This notification will be sent when the same wep ID is configured on two service policies.

Object Name	Object Type	Object Value Scope
hh3cDot11PreConflictTemplateNum (1.3.6.1.4.1.25506.2.75.4.9.1.1)	Integer32	
hh3cDot11CurrConflictTemplateNum (1.3.6.1.4.1.25506.2.75.4.9.1.2)	Integer32	
hh3cDot11ConflictCipherIdx (1.3.6.1.4.1.25506.2.75.4.9.1.3)	Integer32	
hh3cDot11ConfigureAPIID (1.3.6.1.4.1.25506.2.75.4.9.1.4)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11ConfigureRadioID (1.3.6.1.4.1.25506.2.75.4.9.1.5)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

This notification will be sent when the same wep ID is configured on two service policies.

Recommended Action:

Select a different WEP ID.

172. hh3cDot11WIDSDetectRogueTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.5.3.1.1

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

The notification represents that a rogue AP or a station was detected by WIDS. The NMS would refer to MIB table under hh3cDot11WIDSDetectGroup group to get more detailed information.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11WIDSRogueMAC (1.3.6.1.4.1.25506.2.75.5.3.2.1)	MacAddress	
hh3cDot11WIDSRogueType (1.3.6.1.4.1.25506.2.75.5.3.2.2)	INTEGER	1: rogueAp(1) 2: rogueStation(2)
hh3cDot11WIDSMonitorMAC (1.3.6.1.4.1.25506.2.75.5.3.2.3)	MacAddress	
hh3cDot11MonitorAPIID (1.3.6.1.4.1.25506.2.75.5.3.2.6)	Hh3cDot11ObjectIDType	OCTET STRING(0..127)
hh3cDot11MonitorApRadioID (1.3.6.1.4.1.25506.2.75.5.3.2.7)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

The notification represents that a rogue AP or a station was detected by WIDS.

Recommended Action:

No action is required.

173. hh3cDot11WIDSAdHocTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.5.3.1.2

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

The notification represents a rogue Ad hoc station was detected.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSAdHocMAC (1.3.6.1.4.1.25506.2.75.5.3.2.4)	MacAddress	
hh3cDot11WIDSMonitorMAC (1.3.6.1.4.1.25506.2.75.5.3.2.3)	MacAddress	

Trigger Action:

The notification represents a rogue Ad hoc station was detected.

Recommended Action:

No action is required.

174. hh3cDot11WIDSUnauthorSSIDTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.5.3.1.3

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

The notification represents which unauthorized SSID are accessed in the network. The notification will be sent to NMS when an unauthorized SSID is detected on the network for the first time.

Object Name	Object Type	Object Value Scope
hh3cDot11UnauthorSSIDName (1.3.6.1.4.1.25506.2.75.5.3.2.5)	OCTET STRING	
hh3cDot11WIDSMonitorMAC (1.3.6.1.4.1.25506.2.75.5.3.2.3)	MacAddress	
hh3cDot11MonitorAPIID (1.3.6.1.4.1.25506.2.75.5.3.2.6)	Hh3cDot11ObjectIDType	OCTET STRING
hh3cDot11MonitorApRadioID (1.3.6.1.4.1.25506.2.75.5.3.2.7)	Hh3cDot11RadioScopeType	Integer32

Trigger Action:

The notification will be sent to NMS when an unauthorized SSID is detected on the network for the first time.

Recommended Action:

No action is required.

175. hh3cDot11WIDSDisappearRogueTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.5.3.1.4

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

The notification represents that a rogue device has aged out and moved to history table or the device type has been changed to friendly. The notification will be sent to NMS whenever a rogue disappears.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSRogueMAC (1.3.6.1.4.1.25506.2.75.5.3.2.1)	MacAddress	

Trigger Action:

The notification will be sent to NMS whenever a rogue disappears.

Recommended Action:

No action is required.

176. hh3cDot11WIDSDetectAttack**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.5.3.1.5

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

This notification occurs when some type of attack is detected.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSAtkHisType (1.3.6.1.4.1.25506.2.75.5.2.9.1.3)	Hh3cDot11WIDSAtkType	1: act(1) 2: asr(2) 3: aur(3) 4: daf(4) 5: dar(5) 6: ndf(6) 7: pbr(7) 8: rar(8) 9: saf(9) 10: sdf(10) 11: wiv(11) 12: unknown(12)
hh3cDot11WIDSAtkHisChl (1.3.6.1.4.1.25506.2.75.5.2.9.1.4)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11WIDSAtkHisDctTime (1.3.6.1.4.1.25506.2.75.5.2.9.1.6)	DateAndTime	
hh3cDot11WIDSAtkHisAPName (1.3.6.1.4.1.25506.2.75.5.2.9.1.7)	OCTET STRING	

Trigger Action:

This notification occurs when some type of attack is detected.

Recommended Action:

No action is required.

177. hh3cDot11WIDSDetectWBridge

OID of this trap is:

1.3.6.1.4.1.25506.2.75.5.3.1.6

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

This notification occurs whenever a detected device is classified as rogue wireless-bridge.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSRptAPName (1.3.6.1.4.1.25506.2.75.5.2.6.1.2)	OCTET STRING	
hh3cDot11WIDSRptAPRadioID (1.3.6.1.4.1.25506.2.75.5.2.6.1.3)	Hh3cDot11RadioScopeType	Integer32
hh3cDot11WIDSRptAPLstDctTime (1.3.6.1.4.1.25506.2.75.5.2.6.1.6)	DateAndTime	

Trigger Action:

This notification occurs whenever a detected device is classified as rogue wireless-bridge.

Recommended Action:

No action is required.

178. hh3cDot11WIDSFloodTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.75.5.3.1.7

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

This notification occurs when flood attack is detected.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSAtkMac (1.3.6.1.4.1.25506.2.75.5.3.2.8)	MacAddress	
hh3cDot11WIDSAtkFrameType (1.3.6.1.4.1.25506.2.75.5.3.2.9)	OCTET STRING	

Trigger Action:

This notification occurs whenever a detected device is classified as rogue wireless-bridge.

Recommended Action:

No action is required.

179. hh3cDot11WIDSSpoofTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.5.3.1.8

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

This notification occurs when spoof attack is detected.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSAtkMac (1.3.6.1.4.1.25506.2.75.5.3.2.8)	MacAddress	
hh3cDot11WIDSAtkFrameType (1.3.6.1.4.1.25506.2.75.5.3.2.9)	OCTET STRING	
hh3cDot11WIDSAtkChannel (1.3.6.1.4.1.25506.2.75.5.3.2.10)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11WIDSAtkTime (1.3.6.1.4.1.25506.2.75.5.3.2.11)	OCTET STRING	
hh3cDot11WIDSAtkDestMac (1.3.6.1.4.1.25506.2.75.5.3.2.12)	MacAddress	

Trigger Action:

This notification occurs when spoof attack is detected.

Recommended Action:

No action is required.

180. hh3cDot11WIDSWeakIVTrap**OID of this trap is:**

1.3.6.1.4.1.25506.2.75.5.3.1.9

Module of MIB:

HH3C-DOT11-WIDS-MIB

MIB file:

hh3c-dot11-wids.mib

Description:

This notification occurs when weak IV attack is detected.

Object Name	Object Type	Object Value Scope
hh3cDot11WIDSAtkMac (1.3.6.1.4.1.25506.2.75.5.3.2.8)	MacAddress	
hh3cDot11WIDSAtkChannel (1.3.6.1.4.1.25506.2.75.5.3.2.10)	Hh3cDot11ChannelScopeType	Integer32
hh3cDot11WIDSAtkTime (1.3.6.1.4.1.25506.2.75.5.3.2.11)	OCTET STRING	
hh3cDot11WIDSAtkDestMac (1.3.6.1.4.1.25506.2.75.5.3.2.12)	MacAddress	

Trigger Action:

This notification occurs when weak IV attack is detected.

Recommended Action:

No action is required.

181. hh3cDot11RRMIntrfLimit

OID of this trap is:

1.3.6.1.4.1.25506.2.75.8.3.1.0.1

Module of MIB:

HH3C-DOT11-RRM-MIB

MIB file:

hh3c-dot11-rrm.mib

Description:

This notification will be sent when interference on the radio exceeds the limit.

Object Name	Object Type	Object Value Scope
hh3cDot11RRMChIRptIntrf (1.3.6.1.4.1.25506.2.75.8.2.1.1.8)	Integer32	

Trigger Action:

This notification will be sent when interference on the radio exceeds the limit.

Recommended Action:

Notify SMC to CK and modify the interference limit by command "11a interference-threshold <threshold in percentage>" or "11bg interference-threshold <threshold in percentage>".

If alarm not cleared, change the radio channel by command "channel" to attempt cleared the alarm.

If not cleared the alarm, dispatch to site to CK interference sources signal strength(less -60dbm). Check whether there are too many APs or stations are deployed. Relocate the interference APs or switched off some APs if unused.

182. hh3cDot11RRMPERLimit

OID of this trap is:

1.3.6.1.4.1.25506.2.75.8.3.1.0.2

Module of MIB:

HH3C-DOT11-RRM-MIB

MIB file:

hh3c-dot11-rrm.mib

Description:

This notification will be sent when packet error rate on the radio exceeds the limit.

Object Name	Object Type	Object Value Scope
hh3cDot11RRMChIRptPER (1.3.6.1.4.1.25506.2.75.8.2.1.1.8)	Integer32	

Trigger Action:

This notification will be sent when packet error rate on the radio exceeds the limit.

Recommended Action:

Notify SMC to CK and modify the interference limit by command "11a interference-threshold <threshold in percentage>" or "11bg interference-threshold <threshold in percentage>".

If alarm not cleared, change the radio channel by command "channel" and adjust the radio power by command "max-power radio-power" to attempt to cleared the alarm.

If not cleared the alarm, dispatch to site to check whether there are too many noise sources on this channel. Relocate the interference APs or switched off some APs if unused.

183. hh3cDot11RRMPowerChange

OID of this trap is:

1.3.6.1.4.1.25506.2.75.8.3.2.0.1

Module of MIB:

HH3C-DOT11-RRM-MIB

MIB file:

hh3c-dot11-rrm.mib

Description:

This notification will be sent when power changed on the radio automatically.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDot11RRMRadioIndex (1.3.6.1.4.1.25506.2.75.8.2.1.1.1)	Hh3cDot11RadioElementIndex	Unsigned32
hh3cDot11NewPower	Integer32	
hh3cDot11OldPower	Integer32	

Trigger Action:

This notification will be sent when power changed on the radio automatically.

Recommended Action:

No action is required.

184. hh3cE1T1VITrapTimeSlot

OID of this trap is:

1.3.6.1.4.1.25506.2.76.2.0.1

Module of MIB:

HH3C-E1T1VI-MIB

MIB file:

hh3c-e1t1vi.mib

Description:

This trap is sent to the manager under the following condition: All the available time slots of one E1/T1 voice interface has been in use.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	As per MIB
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	

Trigger Action:

All the available time slots of one E1/T1 voice interface has been in use.

Recommended Action:

No action is required.

185. hh3cwapiUserwithInvalidCertificate

OID of this trap is:

1.3.6.1.4.1.25506.2.77.4.0.1

Module of MIB:

HH3C-WAPI-MIB

MIB file:

hh3c-wapi.mib

Description:

This trap is sent when a user intrudes upon network with invalid certificate.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cwapiTrapInfoMacAddr (1.3.6.1.4.1.25506.2.77.4.1.1)	MacAddress	
hh3cwapiTrapInfoAPIId (1.3.6.1.4.1.25506.2.77.4.1.2)	Integer32	
hh3cwapiTrapInfoRadioid (1.3.6.1.4.1.25506.2.77.4.1.3)	Integer32	
hh3cwapiTrapInfoBSSID (1.3.6.1.4.1.25506.2.77.4.1.4)	MacAddress	

Trigger Action:

This trap is sent when a user intrudes upon network with invalid certificate.

Recommended Action:

No action is required.

186. hh3cwapiStationReplayAttack

OID of this trap is:

1.3.6.1.4.1.25506.2.77.4.0.2

Module of MIB:

HH3C-WAPI-MIB

MIB file:

hh3c-wapi.mib

Description:

This trap is sent when an attacker records and replays network transactions.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cwapiTrapInfoMacAddr (1.3.6.1.4.1.25506.2.77.4.1.1)	MacAddress	
hh3cwapiTrapInfoAPIId (1.3.6.1.4.1.25506.2.77.4.1.2)	Integer32	
hh3cwapiTrapInfoRadioid (1.3.6.1.4.1.25506.2.77.4.1.3)	Integer32	

Object Name	Object Type	ObjectValueScope
hh3cwapiTrapInfoBSSId (1.3.6.1.4.1.25506.2.77.4.1.4)	MacAddress	

Trigger Action:

This trap is sent when an attacker records and replays network transactions.

Recommended Action:

No action is required.

187. hh3cwapiTamperAttack

OID of this trap is:

1.3.6.1.4.1.25506.2.77.4.0.3

Module of MIB:

HH3C-WAPI-MIB

MIB file:

hh3c-wapi.mib

Description:

This trap is sent when an attacker monitors network traffic and maliciously changes data in transit(for example, an attacker may modify the contents of a WAI message).

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cwapiTrapInfoMacAddr (1.3.6.1.4.1.25506.2.77.4.1.1)	MacAddress	
hh3cwapiTrapInfoAPIId (1.3.6.1.4.1.25506.2.77.4.1.2)	Integer32	
hh3cwapiTrapInfoRadioid (1.3.6.1.4.1.25506.2.77.4.1.3)	Integer32	
hh3cwapiTrapInfoBSSId (1.3.6.1.4.1.25506.2.77.4.1.4)	MacAddress	

Trigger Action:

This trap is sent when an attacker monitors network traffic and maliciously changes data in transit(for example, an attacker may modify the contents of a WAI message).

Recommended Action:

No action is required.

188. hh3cwapiLowSafeLevelAttack

OID of this trap is:

1.3.6.1.4.1.25506.2.77.4.0.4

Module of MIB:

HH3C-WAPI-MIB

MIB file:

hh3c-wapi.mib

Description:

This trap is sent when a station associates AP(Access Point), creates packet of Unicast Key Negotiation Response with wrong WIE(WAPI Information Element) of ASUE(Authentication Supplicant Entity).

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cwapiTrapInfoMacAddr (1.3.6.1.4.1.25506.2.77.4.1.1)	MacAddress	
hh3cwapiTrapInfoAPIId (1.3.6.1.4.1.25506.2.77.4.1.2)	Integer32	
hh3cwapiTrapInfoRadioid (1.3.6.1.4.1.25506.2.77.4.1.3)	Integer32	
hh3cwapiTrapInfoBSSId (1.3.6.1.4.1.25506.2.77.4.1.4)	MacAddress	

Trigger Action:

This trap is sent when a station associates AP(Access Point), creates packet of Unicast Key Negotiation Response with wrong WIE(WAPI Information Element) of ASUE(Authentication Supplicant Entity).

Recommended Action:

No action is required.

189. hh3cwapiAddressRedirectionAttack

OID of this trap is:

1.3.6.1.4.1.25506.2.77.4.0.5

Module of MIB:

HH3C-WAPI-MIB

MIB file:

hh3c-wapi.mib

Description:

This trap is sent when an attacker maliciously changes destination MAC address of WPI(WLAN Privacy Infrastructure) frame.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	1..2147483647
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cwapiTrapInfoMacAddr (1.3.6.1.4.1.25506.2.77.4.1.1)	MacAddress	
hh3cwapiTrapInfoAPIId (1.3.6.1.4.1.25506.2.77.4.1.2)	Integer32	
hh3cwapiTrapInfoRadioid (1.3.6.1.4.1.25506.2.77.4.1.3)	Integer32	
hh3cwapiTrapInfoBSSID (1.3.6.1.4.1.25506.2.77.4.1.4)	MacAddress	

Trigger Action:

This trap is sent when an attacker maliciously changes destination MAC address of WPI(WLAN Privacy Infrastructure) frame.

Recommended Action:

No action is required.

190. hh3cLpbkdtTrapLoopbacked

OID of this trap is:

1.3.6.1.4.1.25506.2.95.1.0.1

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

This notification is generated when the interface is looped.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	0..255

Trigger Action:

The trap occurs whenever the interface is looped.

Recommended Action:

Check for loops on the network.

191. hh3cLpbkdtTrapRecovered

OID of this trap is:

1.3.6.1.4.1.25506.2.95.1.0.2

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

This notification is generated when the loops of the interface are eliminated.

Object Name	Object Type	ObjectValueScope
ifIndex (1.3.6.1.2.1.2.2.1.1)	Integer32	
ifDescr (1.3.6.1.2.1.2.2.1.2)	DisplayString	0..255

Trigger Action:

The trap occurs whenever the loops on the interface are eliminated.

Recommended Action:

No action is required.

192. hh3cPortMstiStateForwarding

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.1

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a port turns into forwarding state from other state.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..64
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

STP's state machine is recalculated.

Recommended Action:

Please check whether there has link fault in the network after the network topology is stable.

193. hh3cPortMstiStateDiscarding

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.2

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a port turns into discarding state from forwarding state.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..64
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

STP's state machine is recalculated.

Recommended Action:

Please check whether there has link fault in the network after the network topology is stable.

194. hh3cBridgeLostRootPrimary

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.3

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when the bridge is no longer the root bridge of the instance. Another switch with higher priority has already been the root bridge of the instance.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..64

Trigger Action:

The bridge is no longer the root bridge of the instance

Recommended Action:

Check the bridge priority configuration and possible attacks from other devices.

195. hh3cPortMstiRootGuarded

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.4

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a root-guard port receives a superior message on the relevant instance.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..64
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

A root-guard port receives a superior message on the relevant instance

Recommended Action:

Check the bridge priority configuration and possible attacks from other devices.

196. hh3cPortMstiBpduGuarded

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.5

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when an edged port of the BPDU-guard switch receives BPDU packets.

Object Name	Object Type	ObjectValueScope
dot1dStpPort (1.3.6.1.2.1.17.2.15.1.1)	INTEGER	1..65535

Trigger Action:

An edged port of the BPDU-guard switch receives BPDU packets

Recommended Action:

Check whether the downstream devices are terminals and check for possible attacks from other devices.

197. hh3cPortMstiLoopGuarded

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.6

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when an Alternate-Port or Root-Port is aged out.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..64
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

An Alternate-Port or Root-Port is aged out.

Recommended Action:

Check the STP status of the upstream device and possible attacks from other devices.

198. hh3cAggPortInactiveNotification

OID of this trap is:

1.3.6.1.4.1.25506.8.25.2.2

Module of MIB:

HH3C-LAG-MIB

MIB file:

hh3c-lag.mib

Description:

This event will be triggered whenever any port in aggregator is made inactive

Object Name	Object Type	ObjectValueScope
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	Integer32	1..2048

Trigger Action:

Any port in aggregator is made inactive

Recommended Action:

Check the port's physical state and whether the configuration of the member port is the same as the aggregation interface.

Check the above-mentioned content of the port's partner in dynamic aggregation mode.

199. hh3cAggPortInactiveNotification2

OID of this trap is:

1.3.6.1.4.1.25506.8.25.2.3

Module of MIB:

HH3C-LAG-MIB

MIB file:

hh3c-lag.mib

Description:

This event will be triggered whenever the port in aggregator is made inactive.

Object Name	Object Type	ObjectValueScope
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	INTEGER	1..2048
hh3cAggPortIndex (1.3.6.1.4.1.25506.8.25.1.2.1.1)	Gauge32	

Trigger Action:

When the port in aggregator is made inactive.

Recommended Action:

Check the port's physical state and whether the configuration of the member port is the same as the aggregation interface.

Check the above-mentioned content of the port's partner in dynamic aggregation mode.

200. hh3cAggPortActiveNotification

OID of this trap is:

1.3.6.1.4.1.25506.8.25.2.4

Module of MIB:

HH3C-LAG-MIB

MIB file:

hh3c-lag.mib

Description:

This event will be triggered whenever the port in aggregator is made active.

Object Name	Object Type	ObjectValueScope
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	INTEGER	1..2048
hh3cAggPortIndex (1.3.6.1.4.1.25506.8.25.1.2.1.1)	Gauge32	

Trigger Action:

When the port in aggregator is made active.

Recommended Action:

No action is required.

201. hh3cIpAddrChangeNotify

OID of this trap is:

1.3.6.1.4.1.25506.2.90.3.2.0.1

Module of MIB:

HH3C-NET-MAN-MIB

MIB file:

hh3c-net-man.mib

Description:

This notification will be is generated when the IP address of active management interface is changed. The change maybe originated from NMS, DHCP server or management administrator.

The management interfaces means interfaces that assigned by administrator, maybe used to manage device, but maybe not active for lose linking or has no IP address (IPv4 or IPv6).

The active management interface means an active interface that has IP address can be used for network management.

The purpose of this notification is announcing useful management IP address changed. So it is triggered by significative IP address change.

Suppose that two management interfaces on a device, initial that all these two interfaces are down have no IP address, Interface-A and Interface-B. Configure Interface-A as the first monitored interface, and Interface-B as the second. Significative IP address change in following cases:

1. If Interface-A is assigned an IP address primarily, and it is linking

up. Then Interface-B will be ignored. A notification will be triggered, appending IP address of Interface-A .

2. If Interface-B is assigned an IP address primarily, and it is linking up. Then Interface-A will be ignored. A notification will be triggered, appending IP address of Interface-B.

3. If IP address of that interface, which had its IP address announced to NMS, is changed since last notification triggered, then another notification will be sent to NMS.

5. If Interface-A was assigned an IP address primarily, and it was linked up. But for some unknown, it is down or loses IP address, and Interface-B is assigned an IP address which is different with that announced to NMS before, then a notification will be triggered, using the new IP address that Interface-B assigned.

6. A notification using new IP address that Interface-A assigned will be triggered, if 5 is occurred on Interface-B.

Object Name	Object Type	ObjectValueScope
hh3cNMIpAddressType (1.3.6.1.4.1.25506.2.90.3.1.1)	InetAddressType	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)
hh3cNMIpAddress (1.3.6.1.4.1.25506.2.90.3.1.2)	InetAddress	0..255
hh3cNMCustomBuildInfo (1.3.6.1.4.1.25506.2.90.3.1.3)	OCTET STRING	0..64
hh3cNMSerialNum (1.3.6.1.4.1.25506.2.90.3.1.4)	OCTET STRING	0..64

Trigger Action:

This notification will be generated when the IP address of active management interface is changed.

Recommended Action:

NMS should use the new IP address to manage device.

202. hh3cStackPortLinkStatusChange

OID of this trap is:

1.3.6.1.4.1.25506.2.91.6.0.1

Module of MIB:

HH3C-STACK-MIB

MIB file:

hh3c-stack.mib

Description:

The notification indicates that the link status of the stack port has changed.

Object Name	Object Type	ObjectValueScope
hh3cStackMemberID (1.3.6.1.4.1.25506.2.91.2.1.1)	Integer32	
hh3cStackPortIndex (1.3.6.1.4.1.25506.2.91.4.1.1)	Integer32	
hh3cStackPortStatus (1.3.6.1.4.1.25506.2.91.4.1.3)	INTEGER	up(1), down(2), silent(3), disabled(4)

Trigger Action:

Link status of the stack port has changed.

Recommended Action:

No action is required.

203. hh3cStackTopologyChange

OID of this trap is:

1.3.6.1.4.1.25506.2.91.6.0.2

Module of MIB:

HH3C-STACK-MIB

MIB file:

hh3c-stack.mib

Description:

The notification indicates that the topology type of the stack has changed.

Object Name	Object Type	ObjectValueScope
hh3cStackTopology (1.3.6.1.4.1.25506.2.91.1.7)	INTEGER	chainConn(1), ringConn(2)

Trigger Action:

Topology type of the stack has changed.

Recommended Action:

No action is required.

204. hh3cWirelessCardInserted

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.1

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3cWirelessCardInserted notification is generated when a wireless card is inserted.

Object Name	Object Type	ObjectValueScope
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..32)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3)	SnmpAdminString	SIZE (0..32)

Trigger Action:

A wireless card is inserted.

Recommended Action:

No action is required.

205. hh3cWirelessCardPulledOut

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.2

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3cWirelessCardPulledOut notification is generated when a wireless card is pulled out.

Object Name	Object Type	ObjectValueScope
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..32)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3)	SnmpAdminString	SIZE (0..32)

Trigger Action:

A wireless card is pulled out.

Recommended Action:

No action is required.

206. hh3cUIMPinInvalid

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.3

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3cUIMPinInvalid notification is generated when UIM PIN is invalid.

Object Name	Object Type	ObjectValueScope
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..32)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3)	SnmpAdminString	SIZE (0..32)

Trigger Action:

The UIM PIN is invalid.

Recommended Action:

No action is required.

207. hh3cUIMPinChanged

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.4

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3cUIMPinInvalid notification is generated when UIM PIN is changed.

Object Name	Object Type	ObjectValueScope
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..32)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3)	SnmpAdminString	SIZE (0..32)
hh3cUIMOldPin (1.3.6.1.4.1.25506.2.98.1.2.1.1.9)	SnmpAdminString	SIZE (0..32)
hh3cUIMPin (1.3.6.1.4.1.25506.2.98.1.2.1.1.4)	SnmpAdminString	SIZE (0..32)

Trigger Action:

The PIN code has been modified successfully.

Recommended Action:

No action is required.

208. hh3cAccessMediaChanged

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.5

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3cAccessMediaChanged notification is generated when the access media is changed..

Object Name	Object Type	ObjectValueScope
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..32)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3cUIMImsi (1.3.6.1.4.1.25506.2.98.1.2.1.1.3)	SnmpAdminString	SIZE (0..32)
hh3cAccessMedia (1.3.6.1.4.1.25506.2.98.2.3)	INTEGER	unknown(1), air(2), cable(3)

Trigger Action:

The access media has been changed.

Recommended Action:

No action is required.

209. hh3c3GRssiStrongSignalTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.6

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3c3GRssiStrongSignalTrap notification is generated when current RSSI exceeds the medium signal threshold.

Object Name	Object Type	ObjectValueScope
hh3cWirelessCardIndex (1.3.6.1.4.1.25506.2.98.1.1.1.1.1)	Integer32	(1..2147483647)
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..64)

Object Name	Object Type	ObjectValueScope
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3c3GCurrentService (1.3.6.1.4.1.25506.2.98.2.4)	INTEGER	unknown(1), oneXRtt(2), evDo(3), gsm(4)
hh3c3GCurrentRssiBind (1.3.6.1.4.1.25506.2.98.2.5)	Integer32	(-150..0)
hh3c3GImsiBind (1.3.6.1.4.1.25506.2.98.2.6)	SnmpAdminString	SIZE (0..32)

Trigger Action:

The Current RSSI exceeds the medium signal threshold.

Recommended Action:

No action is required.

210. hh3c3GRssiMediumSignalTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.7

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3c3GRssiMediumSignalTrap notification is generated when the current RSSI falls or rises to a value between the medium and weak signal thresholds.

Object Name	Object Type	ObjectValueScope
hh3cWirelessCardIndex (1.3.6.1.4.1.25506.2.98.1.1.1.1.1)	Integer32	(1..2147483647)
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..64)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)

Object Name	Object Type	ObjectValueScope
hh3cWirelessCardSerialNumber (1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	SnmpAdminString	SIZE (0..32)
hh3c3GCurrentService (1.3.6.1.4.1.25506.2.98.2.4)	INTEGER	unknown(1), oneXRtt(2), evDo(3), gsm(4)
hh3c3GCurrentRssiBind (1.3.6.1.4.1.25506.2.98.2.5)	Integer32	(-150..0)
hh3c3GImsiBind (1.3.6.1.4.1.25506.2.98.2.6)	SnmpAdminString	SIZE (0..32)

Trigger Action:

The current RSSI falls or rises to a value between the medium and weak signal thresholds.

Recommended Action:

No action is required.

211. hh3c3GRssiWeakSignalTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.98.3.0.8

Module of MIB:

HH3C-3GMODEM-MIB

MIB file:

hh3c-3gmodem.mib

Description:

A hh3c3GRssiWeakSignalTrap notification is generated when current RSSI falls below the weak signal threshold.

Object Name	Object Type	ObjectValueScope
hh3cWirelessCardIndex (1.3.6.1.4.1.25506.2.98.1.1.1.1.1)	Integer32	(1..2147483647)
hh3cDeviceOUI (1.3.6.1.4.1.25506.2.98.2.2)	SnmpAdminString	SIZE (0..64)
hh3cDevSerialNumber (1.3.6.1.4.1.25506.2.98.2.1)	SnmpAdminString	SIZE (0..32)
hh3cWirelessCardSerialNumber	SnmpAdminString	SIZE (0..32)

Object Name	Object Type	ObjectValueScope
(1.3.6.1.4.1.25506.2.98.1.1.1.1.5)	ng	
hh3c3GCurrentService (1.3.6.1.4.1.25506.2.98.2.4)	INTEGER	unknown(1), oneXRtt(2), evDo(3), gsm(4)
hh3c3GCurrentRssiBind (1.3.6.1.4.1.25506.2.98.2.5)	Integer32	(-150..0)
hh3c3GImsiBind (1.3.6.1.4.1.25506.2.98.2.6)	SnmpAdminStri ng	SIZE (0..32)

Trigger Action:

The current RSSI falls below the weak signal threshold.

Recommended Action:

No action is required.

212. hh3cRebootSendTrap

OID of this trap is:

1.3.6.1.4.1.25506.6.8.3

Module of MIB:

HH3C-COMMON-SYSTEM-MIB

MIB file:

hh3c-common-system.mib

Description:

When users restart the device with command 'reboot', this trap will be sent two seconds before the device reboots.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

Users restart the device with command 'reboot'

Recommended Action:

No action is required.

213. hh3cSysColdStartTrap

OID of this trap is:

1.3.6.1.4.1.25506.6.8.4

Module of MIB:

HH3C-COMMON-SYSTEM-MIB

MIB file:

hh3c-common-system.mib

Description:

System cold start trap.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

System cold start

Recommended Action:

No action is required.

214. hh3cSysWarmStartTrap

OID of this trap is:

1.3.6.1.4.1.25506.6.8.5

Module of MIB:

HH3C-COMMON-SYSTEM-MIB

MIB file:

hh3c-common-system.mib

Description:

System warm start trap.

Object Name	Object Type	ObjectValueScope
N/A	N/A	N/A

Trigger Action:

System warm start

Recommended Action:

No action is required.

215. hh3cpririsingAlarm

OID of this trap is:

1.3.6.1.4.1.25506.8.4.0.1

Module of MIB:

HH3C-RMON-EXT-MIB

MIB file:

hh3c-rmon-ext.mib

Description:

The SNMP trap that is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps.

Object Name	Object Type	ObjectValueScope
hh3cprialarmIndex (1.3.6.1.4.1.25506.8.4.4.1.1.1)	INTEGER	1..65535
hh3cprialarmVariable (1.3.6.1.4.1.25506.8.4.4.1.1.3)	DisplayString	
hh3cprialarmSampleType (1.3.6.1.4.1.25506.8.4.4.1.1.5)	INTEGER	absoluteValue(1), deltaValue(2),speedValue(3)
hh3cprialarmValue (1.3.6.1.4.1.25506.8.4.4.1.1.6)	INTEGER	
hh3cprialarmRisingThreshold (1.3.6.1.4.1.25506.8.4.4.1.1.8)	Integer32	

Trigger Action:

When the monitored sample value exceeds or is equal to the rising threshold, this trap will be generated.

Recommended Action:

A sample value rising to the threshold, something needed to do.

216. hh3cprifallingAlarm

OID of this trap is:

1.3.6.1.4.1.25506.8.4.0.2

Module of MIB:

HH3C-RMON-EXT-MIB

MIB file:

hh3c-rmon-ext.mib

Description:

The SNMP trap that is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.

Object Name	Object Type	ObjectValueScope
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hh3cprialarmIndex (1.3.6.1.4.1.25506.8.4.4.1.1.1)	INTEGER	1..65535
hh3cprialarmVariable (1.3.6.1.4.1.25506.8.4.4.1.1.3)	DisplayString	
hh3cprialarmSampleType (1.3.6.1.4.1.25506.8.4.4.1.1.5)	INTEGER	absoluteValue(1), deltaValue(2),speedValue(3)
hh3cprialarmValue (1.3.6.1.4.1.25506.8.4.4.1.1.6)	INTEGER	
hh3cprialarmFallingThreshold (1.3.6.1.4.1.25506.8.4.4.1.1.9)	Integer32	

Trigger Action:

When the monitored sample value is below or equal to the falling threshold, this trap will be generated.

Recommended Action:

A sample value falling to the threshold, something needed to do.

217. hh3cpowerfailure

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.1

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

If the power supply of the device failed. As a power supply is just being inserted into the device or a power supply unit on the device is failed, this trap will be generated.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

There is something wrong with the power

Recommended Action:

Check and fix the power module.

218. hh3cPowerNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.2

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

If the status of power supply changes to normal, this trap will be generated.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

Insert a power to its slot

Recommended Action:

No action is required.

219. hh3cMasterPowerNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.3

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this trap when master power supply changes to normal.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

Insert the master power into its slot.

Recommended Action:

No action is required.

220. hh3cSlavePowerNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.4

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this trap when slave power supply changes to normal.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

Insert the slave power into its slot.

Recommended Action:

No action is required

221. hh3cPowerRemoved

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.5

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The power supply has been moved. It means that somebody pulls out the power supply. If this occurs, the trap will be sent.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

Remove a power from its slot

Recommended Action:

Check the power module and insert it back to its slot.

222. hh3cfanfailure

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.6

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The fan of device is failure. It means that if the fan on device fails to work well, the trap will be sent.

Object Name	Object Type	ObjectValueScope
hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1.1)	INTEGER	

Trigger Action:

Remove a fan from its slot

Recommended Action:

Insert a fan which works well into its slot.

223. hh3cFanNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.7

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

If the status of fan changes to normal from abnormal, this trap will be generated.

Object Name	Object Type	ObjectValueScope
hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1.1)	INTEGER	

Trigger Action:

Insert a fan into its slot

Recommended Action:

No action is required.

224. hh3cBoardRemoved**OID of this trap is:**

1.3.6.1.4.1.25506.8.35.12.1.8

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The board has been removed from the device, the trap will be generated.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

Remove a slave of IO board from its slot

Recommended Action:

Check the board and insert it back to its slot.

225. hh3cBoardInserted**OID of this trap is:**

1.3.6.1.4.1.25506.8.35.12.1.9

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The board has been inserted into device.

Object Name	Object Type	ObjectValueScope
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hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

Insert a slave of IO board to a slot

Recommended Action:

No action is required.

226. hh3cBoardFailure

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.10

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The board is failed to work.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

There is something wrong with a slave or IO board.

Recommended Action:

board if alarm clears monitor for 24 hours if it remains in alarm RMA Board.

227. hh3cBoardNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.11

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The status of board changes to normal.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	Integer32
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	Integer32

Trigger Action:

Insert a slave or IO board and wait a while

Recommended Action:

No action is required.

228. hh3cSubcardRemove

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.12

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this trap when a subcard is removed from a subslot.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	
hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1)	INTEGER	

Trigger Action:

Remove a subcard from a subslot.

Recommended Action:

Check the subcard module and insert it back to its slot.

229. hh3cSubcardInsert

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.13

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this trap when a subcard is inserted into a subslot.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.
hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1)	Integer32	between the minimal Index and the maximal index of subslot.

Trigger Action:

Insert a subcard into a subslot.

Recommended Action:

No action is required.

230. hh3cBoardTemperatureLower

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.14

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The temperature of the board is lower than the normal value.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	

hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	
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Trigger Action:

A board's temperature goes under the low limit

Recommended Action:

Dispatch to the site to take temperature readings ensure environmental are set correctly.

231. hh3cBoardTemperatureFromLowerToNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.15

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The temperature of the board rises to normal range.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

A board's temperature goes into the range between the up and low limit from low status.

Recommended Action:

No action is required.

232. hh3cBoardTemperatureHigher

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.16

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The temperature of the board is higher than normal value.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

A board's temperature goes over the up limit

Recommended Action:

Dispatch to site take temperature reading to ensure that they are in range If they are not investigate environmental alarms fan and filter determine the reason and rectify the problem.

233. hh3cBoardTemperatureFormHigherToNormal

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.17

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The temperature of the board turns to a normal value.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

A board's temperature goes into the range between the up and low limit from high status.

Recommended Action:

No action is required.

234. hh3cRequestLoading

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.18

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The board is being loaded.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

Insert an IO board into its slot

Recommended Action:

No action is required.

235. hh3cLoadFailure

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.19

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

It is failed to load a board on device.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

Insert an IO board to its slot and there is not proper app for it in master board

Recommended Action:

Check whether the app file is proper in master board.

236. hh3cLoadFinished

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.20

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

The device has finished loading a board.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

Insert an IO board to its slot and wait for a while.

Recommended Action:

No action is required.

237. hh3cBackBoardModeSetFuilure

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.21

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Back board mode set failure

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	

Trigger Action:

Back board mode set failure.

Recommended Action:

Check whether the back board is proper in master board.

238. hh3cBackBoardModeSetOK

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.22

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Back board mode set OK

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	

Trigger Action:

Back board mode set OK.

Recommended Action:

No action is required.

239. hh3cPowerInserted

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.23

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

A power supply unit has been inserted to the device.

Object Name	Object Type	ObjectValueScope
hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	

Trigger Action:

Insert a power into its slot

Recommended Action:

No action is required.

240. hh3cBootImageUpdated

OID of this trap is:

1.3.6.1.4.1.25506.8.35.12.1.24

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

This trap node indicates that the boot image of specified board is updated.

Object Name	Object Type	ObjectValueScope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	INTEGER	
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	INTEGER	

Trigger Action:

The boot image of specified board is updated, the notification will be generated.

Recommended Action:

No action is required.

241. hh3cSlaveSwitchOver

OID of this trap is:

1.3.6.1.4.1.25506.8.35.17.10.1

Module of MIB:

HH3C-LswMix-MIB

MIB file:

hh3c-splat-mix.mib

Description:

An hh3cSlaveSwitchOver trap signifies that the action of standby mpu switching to master has completed.

Object Name	Object Type	ObjectValueScope
NA	NA	NA

Trigger Action:

Standby MPU has been completed switching to master.

Recommended Action:

No action is required.

242. hh3cDot11APCpuUsageHigh

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.28

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when the AP CPU usage exceeds the threshold.

Object Name	Object Type	ObjectValueScope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING (0..127)
hh3cDot11APCpuRTUsage (1.3.6.1.4.1.25506.2.75.2.1.8.1.2)	Integer32	0..100

Trigger Action:

The notification will be sent when the AP CPU usage exceeds the threshold.

Recommended Action:

Cpu overutilization. Please enable the broadcast, multicast and unknown unicast packets restrain function by command line "broadcast-suppression"

and "multicast-suppression" and "unicast-supperssion" on the uplink port to reduce the CPU overutilization.

243. hh3cDot11APCpuUsageHighRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.29

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when the AP CPU usage descends the threshold.

Object Name	Object Type	ObjectValueScope
hh3cDot11APID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING (0..127)
hh3cDot11APCpuRTUsage (1.3.6.1.4.1.25506.2.75.2.1.8.1.2)	Integer32	0..100

Trigger Action:

The notification will be sent when the AP CPU usage descends the threshold.

Recommended Action:

No action is required.

244. hh3cDot11APMemUsageHigh

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.30

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when the AP memory usage exceeds the threshold.

Object Name	Object Type	ObjectValueScope
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hh3cDot11APIID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING (0..127)
hh3cDot11APMemRTUsage (1.3.6.1.4.1.25506.2.75.2.1.8.1.4)	Integer32	0..100

Trigger Action:

The notification will be sent when the AP memory usage exceeds the threshold.

Recommended Action:

Memory overutilization. Dispatch to site read memory usage by "display memory" every 4 hours in 24 hours. If memory usage increased all along, it may be memory leak, please contact the device supplier to get new software version. If no memory leak, suggest to contact the device supplier to replace with high-level device.

245. hh3cDot11APMemUsageHighRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.75.2.3.0.31

Module of MIB:

HH3C-DOT11-APMT-MIB

MIB file:

hh3c-dot11-apmt.mib

Description:

The notification will be sent when the AP memory usage descends the threshold.

Object Name	Object Type	ObjectValueScope
hh3cDot11APIID (1.3.6.1.4.1.25506.2.75.2.1.1.1.1)	Hh3cDot11ObjectIDType	OCTET STRING (0..127)
hh3cDot11APMemRTUsage (1.3.6.1.4.1.25506.2.75.2.1.8.1.4)	Integer32	0..100

Trigger Action:

The notification will be sent when the AP memory usage descends the threshold.

Recommended Action:

No action is required.

246. hh3cDDosAttackStart**OID of this trap is:**

1.3.6.1.4.1.25506.2.85.2.0.1

Module of MIB:

HH3C-AFC-MIB

MIB file:

hh3c-afc.mib

Description:

This trap is sent when a DDos attack on specific IP is detected.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDDosAttackTargetIP (1.3.6.1.4.1.25506.2.85.1.1)	IpAddress	
hh3cDDosAttackType (1.3.6.1.4.1.25506.2.85.1.2)	INTEGER	land(1) smurf(2) fraggle(3) winnuke(4) synflood(5) icmpflood(6) udpflood(7) icmppedirect(8) icmpunreachable(9) tracert(11) tcpflag(12) pingofdeath(13) teardrop(14) ipfragment(15) largeicmp(18) sourceroute(19) routerrecord(20) fragflood(24) scan(27) appstreamalarm(29) sessionstreamalarm(30) tcpabnormal(32) ipfragabnormal(33) tftpabnormal(34) dnsabnormal(35) httpabnormal(36) telnetabnormal(37) ftpabnormal(38) smtpabnormal(39) pop3abnormal(40) snmpabnormal(41) ackabnormal(42) cc(43) otherabnormal(1024)
hh3cDDosAttackPolicy (1.3.6.1.4.1.25506.2.85.1.3)	OCTET STRING	0~80
hh3cDDosAttackThreshold (1.3.6.1.4.1.25506.2.85.1.4)	Integer32	
hh3cDDosAttackSpeed	Integer32	

Object Name	Object Type	Object Value Scope
(1.3.6.1.4.1.25506.2.85.1.5)		

Trigger Action:

A DDos attack on specific IP is detected.

Recommended Action:

Divert the target traffic to GUARD to be cleaned.

247. hh3cDDosAttackEnd

OID of this trap is:

1.3.6.1.4.1.25506.2.85.2.0.2

Module of MIB:

HH3C-AFC-MIB

MIB file:

hh3c-afc.mib

Description:

This trap is sent when a DDos attack end.

Object Name	Object Type	ObjectValueScope
hh3cDDosAttackTargetIP (1.3.6.1.4.1.25506.2.85.1.1)	IpAddress	

Trigger Action:

A DDos attack on specific IP has disappeared.

Recommended Action:

Stop diverting.

248. hh3cPosaServerStatusChange

OID of this trap is:

1.3.6.1.4.1.25506.2.92.3.0.1

Module of MIB:

HH3C-POSA-MIB

MIB file:

hh3c-posa.mib

Description:

This trap is generated when the POS function is started or stopped.

Object Name	Object Type	ObjectValueScope
hh3cPosaServerEnable (1.3.6.1.4.1.25506.2.92.1.1)	INTEGER	disabled(1), enabled(2)

Trigger Action:

POSA Function is started or stopped.

Recommended Action:

No action is required.

249. hh3cPosaAppStateChange

OID of this trap is:

1.3.6.1.4.1.25506.2.92.3.0.2

Module of MIB:

HH3C-POSA-MIB

MIB file:

hh3c-posa.mib

Description:

This trap is generated whenever the availability of application server changes.

Object Name	Object Type	ObjectValueScope
hh3cPosaAppStateChangeObject (1.3.6.1.4.1.25506.2.92.3.1.1)	INTEGER	available(1), unavailable(2)

Trigger Action:

POSA application server becomes available or unavailable.

Recommended Action:

If the application server becomes unavailable, should check the link between the router and server.

250. hh3cPortalServerLost

OID of this trap is:

1.3.6.1.4.1.25506.2.99.3.0.1

Module of MIB:

HH3C-PORTAL-MIB

MIB file:

hh3c-portal.mib

Description:

Object Name	Object Type	ObjectValueScope
hh3cPortalServerName (1.3.6.1.4.1.25506.2.99.2.1.1.1)	OCTET STRING	1..32

Trigger Action:

When portal server has been enabled and lost the connection to the device and the portal-server-down trap switch is on.

Recommended Action:

Repair the connection between the device and the portal server, and keep the HTTP service on portal server work well.

251. hh3cPortalServerGet

OID of this trap is:

1.3.6.1.4.1.25506.2.99.3.0.2

Module of MIB:

HH3C-PORTAL-MIB

MIB file:

hh3c-portal.mib

Description:

This trap is generated when the device finds that the state of portal server changes from unreachable state to reachable, the portal server's name is hh3cPortalServerName, and the portal server has been enabled.

Object Name	Object Type	ObjectValueScope
hh3cPortalServerName (1.3.6.1.4.1.25506.2.99.2.1.1.1)	OCTET STRING	1..32

Trigger Action:

The state of the portal server changed from unreachable to reachable.

Recommended Action:

No action is required.

252. hh3csupplicantproxyccheck

OID of this trap is:

1.3.6.1.4.1.25506.8.6.1.0.1

Module of MIB:

HH3C-8021PAE-MIB**MIB file:**

hh3c-8021x-ext.mib

Description:

This trap is sent when NAS found that a client is trying to authenticate by using proxy.

Object Name	Object Type	ObjectValueScope
hh3cproxycheckVlanId (1.3.6.1.4.1.25506.8.6.1.0.2)	INTEGER	1..4094
hh3cproxycheckPortName (1.3.6.1.4.1.25506.8.6.1.0.3)	OCTET STRING	
hh3cproxycheckMacAddr (1.3.6.1.4.1.25506.8.6.1.0.4)	MacAddress	
hh3cproxycheckIpaddr (1.3.6.1.4.1.25506.8.6.1.0.5)	IpAddress	
hh3cproxycheckUsrName (1.3.6.1.4.1.25506.8.6.1.0.6)	OCTET STRING	

Trigger Action:

A client pc has 2 network card installed, then excute 802.1X authentication with H3C client software. And the H3C NAS must configure supplicant proxy-check trap.

Recommended Action:

Execute 802.1x authentications.

253. hh3cposAppNotReadyTrap**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.8.17.1

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap when the application whose state is linked isn't ready to send or receive data. Only used for the application whose connect mode is tcp.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

The state of the application which is linked isn't ready to send or receive data.

Recommended Action:

Check the state of the application.

254. hh3cposAppConnectFailTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.2

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if router can not connect to the application.

Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

Router can not connect to the application.

Recommended Action:

Check the connection between the router and the application.

255. hh3cposAppStateChangeTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.3

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap when the state of the application is changed to down or kept.

Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

The state of the application is changed.

Recommended Action:

Check the state of the application.

256. hh3cposAppNotConfigedTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.4

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the application isn't configured.

Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

The application is not configured.

Recommended Action:

Check the configuration about the application.

257. hh3cposAppBuffOverflowTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.5

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the application buffer is overflowed.

Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

The application buffer is overflowed.

Recommended Action:

No action is required.

258. hh3cposAppDebugOpenTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.6

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the debugging switch of application is open.

Object Name	Object Type	Object Value Scope
hh3cposAppId	INTEGER	0..31

Trigger Action:

The debugging switch of application is opened.

Recommended Action:

No action is required.

259. hh3cposAppDebugAllOpenTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.7

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if all the debugging switches of application are open.

Object Name	Object Type	Object Value Scope

Trigger Action:

all the debugging switches of application are open.

Recommended Action:

No action is required.

260. hh3cposInterBuffOverflowTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.8

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the distributing buffer is overflowed.

Object Name	Object Type	Object Value Scope

Trigger Action:

The distributing buffer is overflowed

Recommended Action:

No action is required.

261. hh3cposInterStateChangeTrap

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.9

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the state of POS-Interface is changed to down.

Object Name	Object Type	Object Value Scope
hh3cposPosId	INTEGER	0..255
hh3cposPosConnectState	INTEGER	noSet(1), down(2), up(3), ok(4)

Trigger Action:

The state of POS-Interface is changed to down.

Recommended Action:

No action is required.

262. hh3cposInterDebugOpenTrap**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.8.17.10

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the debugging switch of POS-Interface is open.

Object Name	Object Type	Object Value Scope
hh3cposPosId	INTEGER	0..255

Trigger Action:

The debugging switch of POS-interface is opened.

Recommended Action:

No action is required.

263. hh3cposInterDebugAllOpenTrap**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.8.17.11

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if all the debugging switches of POS-Interface are open.

Object Name	Object Type	Object Value Scope

Trigger Action:

All the debugging switches of POS-Interface are opened.

Recommended Action:

No action is required.

264. hh3cposFCMTimeoutTrap**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.8.17.12

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the modem is hung up for timeout.

Object Name	Object Type	Object Value Scope
hh3cposFCMIIndex	INTEGER	0..2147483647

Trigger Action:

The modem is hung up for timeout.

Recommended Action:

The modem to the access interface on the POS access board (FCM) is disconnected. Dispatch to site to T/S connection.

265. hh3cposFCMConnectFailTrap**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.8.17.13

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap if the handshaking of modems is not successful.

Object Name	Object Type	Object Value Scope
hh3cposFCMIIndex	INTEGER	0..2147483647

Trigger Action:

The handshaking of modems is not successful.

Recommended Action:

No action is required.

266. hh3cposClearPacketCounter

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.14

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap when the packet counter of the POS application and interface is cleared.

Object Name	Object Type	Object Value Scope

Trigger Action:

Clear the statistics of the packets.

Recommended Action:

No action is required.

267. hh3cposClearFcmCounter

OID of this trap is:

1.3.6.1.4.1.25506.8.36.8.17.15

Module of MIB:

HH3C-POS-MIB

MIB file:

hh3c-pos.mib

Description:

The agent will send a trap when the FCM counter is cleared.

Object Name	Object Type	Object Value Scope

Trigger Action:

Clear the statistics of the FCM.

Recommended Action:

No action is required.

268. hh3cSSHUserAuthFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.22.1.3.0.1

Module of MIB:

HH3C-SSH-MIB

MIB file:

hh3c-ssh.mib

Description:

The trap is generated when a user fails to authentication.

Object Name	Object Type	Object Value Scope
hh3cSSHAttemptUserName (1.3.6.1.4.1.25506.2.22.1.2.1)	DisplayString	OCTET STRING (0..255)
hh3cSSHAttemptIpAddrType (1.3.6.1.4.1.25506.2.22.1.2.2)	INTEGER	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)
hh3cSSHAttemptIpAddr (1.3.6.1.4.1.25506.2.22.1.2.3)	OCTET STRING	0..255
hh3cSSHUserAuthFailureReason (1.3.6.1.4.1.25506.2.22.1.2.4)	INTEGER	exceedRetries(1), authTimeout(2), otherReason(3)

Trigger Action:

User fails to authentication.

Recommended Action:

Check if the unauthorized user is trying to log in system.

269. hh3cSSHVersionNegotiationFailure

OID of this trap is:

1.3.6.1.4.1.25506.2.22.1.3.0.2

Module of MIB:

HH3C-SSH-MIB

MIB file:

hh3c-ssh.mib

Description:

The trap is generated when a user fails to negotiate SSH protocol version.

Object Name	Object Type	Object Value Scope
hh3cSSHAttemptIpAddrType (1.3.6.1.4.1.25506.2.22.1.2.2)	INTEGER	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)
hh3cSSHAttemptIpAddr (1.3.6.1.4.1.25506.2.22.1.2.3)	OCTET STRING	0..255

Trigger Action:

User fails to negotiate SSH protocol version.

Recommended Action:

Check if the SSH version configuration of client is consistent with that of server.

270. hh3cSSHUserLogin

OID of this trap is:

1.3.6.1.4.1.25506.2.22.1.3.0.3

Module of MIB:

HH3C-SSH-MIB

MIB file:

hh3c-ssh.mib

Description:

The trap is generated when a user logs in successfully.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cSSHSessionUserName (1.3.6.1.4.1.25506.2.22.1.1.3.1.2)	DisplayString	OCTET STRING (0..255)
hh3cSSHSessionUserIpAddrType (1.3.6.1.4.1.25506.2.22.1.1.3.1.3)	INTEGER	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)
hh3cSSHSessionUserIpAddr (1.3.6.1.4.1.25506.2.22.1.1.3.1.4)	OCTET STRING	0..255

Trigger Action:

User logs in successfully.

Recommended Action:

No action is required.

271. hh3cSSHUserLogoff**OID of this trap is:**

1.3.6.1.4.1.25506.2.22.1.3.0.4

Module of MIB:

HH3C-SSH-MIB

MIB file:

hh3c-ssh.mib

Description:

The trap is generated when a user logs off.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cSSHSessionUserName (1.3.6.1.4.1.25506.2.22.1.1.3.1.2)	DisplayString	OCTET STRING (0..255)
hh3cSSHSessionUserIpAddrType (1.3.6.1.4.1.25506.2.22.1.1.3.1.3)	INTEGER	unknown(0), ipv4(1), ipv6(2), ipv4z(3), ipv6z(4), dns(16)
hh3cSSHSessionUserIpAddr (1.3.6.1.4.1.25506.2.22.1.1.3.1.4)	OCTET STRING	0..255

Trigger Action:

User logs off.

Recommended Action:

Check if the user should be authorized.

272. hh3cMACInformationChangedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.87.1.3.0.1

Module of MIB:

HH3C-MAC-INFORMATION-MIB

MIB file:

hh3c-mac-information.mib

Description:

The notification represents that the changed MAC information in device.

Object Name	Object Type	Object Value Scope
hh3cMACInfoTrapIndex (1.3.6.1.4.1.25506.2.87.1.3.2.1)	Unsigned32	
hh3cMACInfoTrapCount (1.3.6.1.4.1.25506.2.87.1.3.2.2)	Unsigned32	
hh3cMACInfoTrapMsg (1.3.6.1.4.1.25506.2.87.1.3.2.3)	OCTET STRING	1..254

Trigger Action:

The trap occurs whenever MAC address table is changed.

Recommended Action:

No action is required.

273. hh3cMACInformationChangedTrapExt

OID of this trap is:

1.3.6.1.4.1.25506.2.87.1.4.0.1

Module of MIB:

HH3C-MAC-INFORMATION-MIB

MIB file:

hh3c-mac-information.mib

Description:

The notification represents that the changed MAC information in device.

Object Name	Object Type	Object Value Scope
hh3cMACInfoTrapVerExt (1.3.6.1.4.1.25506.2.87.1.4.2.1)	Unsigned32	
hh3cMACInfoTrapIndexExt (1.3.6.1.4.1.25506.2.87.1.4.2.2)	Unsigned32	
hh3cMACInfoTrapCountExt (1.3.6.1.4.1.25506.2.87.1.4.2.3)	Unsigned32	
hh3cMACInfoTrapMsgExt (1.3.6.1.4.1.25506.2.87.1.4.2.4)	OCTET STRING	1..254

Trigger Action:

The trap occurs whenever MAC address table is changed.

Recommended Action:

No action is required.

274. hh3cDHCPServerAddrExhaust

OID of this trap is:

1.3.6.1.4.1.25506.2.101.3.0.1

Module of MIB:

HH3C-DHCP-SERVER-MIB

MIB file:

hh3c-dhcp-server.mib

Description:

This trap is generated when IP address resources of the DHCP server are exhausted.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDHCPServerPoolName (1.3.6.1.4.1.25506.2.101.2.1)	OCTET STRING	0..255

Trigger Action:

IP address resources of the DHCP server are exhausted.

Recommended Action:

No action is required.

275. hh3cDHCPServerAddrExhaustRecover

OID of this trap is:

1.3.6.1.4.1.25506.2.101.3.0.2

Module of MIB:

HH3C-DHCP-SERVER-MIB

MIB file:

hh3c-dhcp-server.mib

Description:

This trap is generated when IP address resources of the DHCP server are recovered from exhausting.

Object Name	Object Type	Object Value Scope
hh3cDHCPServerPoolName (1.3.6.1.4.1.25506.2.101.2.1)	OCTET STRING	0..255

Trigger Action:

IP address resources of the DHCP server are recovered from exhausting.

Recommended Action:

No action is required.

276. hh3cDHCPServerAvgIpUsageOverflow

OID of this trap is:

1.3.6.1.4.1.25506.2.101.3.0.3

Module of MIB:

HH3C-DHCP-SERVER-MIB

MIB file:

hh3c-dhcp-server.mib

Description:

This trap is generated when the average IP address utilization of the address pool in 5 minutes reaches the threshold.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cDHCPServerPoolName (1.3.6.1.4.1.25506.2.101.2.1)	OCTET STRING	0..255

Trigger Action:

The average IP address utilization of the address pool in 5 minutes reaches the threshold.

Recommended Action:

No action is required.

277. hh3cDHCPServerMaxIpUsageOverflow**OID of this trap is:**

1.3.6.1.4.1.25506.2.101.3.0.4

Module of MIB:

HH3C-DHCP-SERVER-MIB

MIB file:

hh3c-dhcp-server.mib

Description:

This trap is generated when the maximum IP address utilization of the address pool in 5 minutes reaches the threshold.

Object Name	Object Type	Object Value Scope
hh3cDHCPServerPoolName (1.3.6.1.4.1.25506.2.101.2.1)	OCTET STRING	0..255

Trigger Action:

The maximum IP address utilization of the address pool in 5 minutes reaches the threshold.

Recommended Action:

No action is required.

278. hh3cDHCPServerAllocateOverflow**OID of this trap is:**

1.3.6.1.4.1.25506.2.101.3.0.5

Module of MIB:

HH3C-DHCP-SERVER-MIB

MIB file:

hh3c-dhcp-server.mib

Description:

This trap is generated when the number of successfully allocated IP addresses to received DHCP requests in 5 minutes reaches the threshold.

Object Name	Object Type	Object Value Scope
NA	NA	NA

Trigger Action:

The number of successfully allocated IP addresses to received DHCP requests in 5 minutes reaches the threshold.

Recommended Action:

No action is required.

279. hh3cPPPoESAbnormOffsAlarm

OID of this trap is:

1.3.6.1.4.1.25506.2.102.2.0.1

Module of MIB:

HH3C-PPPOE-SERVER-MIB

MIB file:

hh3c-pppoe-server.mib

Description:

If the PPPoE abnormal offline event count in the last five minutes exceeds this threshold, the system outputs a trap message.

Object Name	Object Type	Object Value Scope
NA	NA	NA

Trigger Action:

The PPPoE abnormal offline event count in the last five minutes exceeds this threshold,

Recommended Action:

No action is required.

280. hh3cPPPoESAbnormOffPerAlarm

OID of this trap is:

1.3.6.1.4.1.25506.2.102.2.0.2

Module of MIB:

HH3C-PPPOE-SERVER-MIB

MIB file:

hh3c-pppoe-server.mib

Description:

If the PPPoE abnormal offline event percentage in the last five minutes exceeds this threshold, the system outputs a trap message.

Object Name	Object Type	Object Value Scope
NA	NA	NA

Trigger Action:

The PPPoE abnormal offline event percentage in the last five minutes exceeds this threshold,.

Recommended Action:

No action is required.

281. hh3cPPPoESNormOffPerAlarm

OID of this trap is:

1.3.6.1.4.1.25506.2.102.2.0.3

Module of MIB:

HH3C-PPPOE-SERVER-MIB

MIB file:

hh3c-pppoe-server.mib

Description:

If the PPPoE normal offline event percentage in the last five minutes is lower than this threshold, the system outputs a trap message.

Object Name	Object Type	Object Value Scope
NA	NA	NA

Trigger Action:

The PPPoE normal offline event percentage in the last five minutes is lower than this threshold.

Recommended Action:

No action is required.

282. hh3cARPRatelimitOverspeedTrap

OID of this trap is:

1.3.6.1.4.1.25506.2.110.1.1.0.1

Module of MIB:

HH3C-ARP-RATELIMIT-MIB

MIB file:

hh3c-arp-ratelimit.mib

Description:

If the rate of ARP packets delivered to the CPU on a device exceeds the threshold, a trap message is generated and sent to the remote monitoring device.

Object Name	Object Type	Object Value Scope
hh3cARPRatelimitTrapVer (1.3.6.1.4.1.25506.2.110.1.1.1.1)	Unsigned32	
hh3cARPRatelimitTrapCount (1.3.6.1.4.1.25506.2.110.1.1.1.2)	Unsigned32	
hh3cARPRatelimitTrapMsg (1.3.6.1.4.1.25506.2.110.1.1.1.3)	OCTET STRING	0..254

Trigger Action:

The trap occurs whenever the packet rate of ARP packet that is delivered to CPU on device exceeds the threshold.

Recommended Action:

No action is required.

283. hh3chgmpMemberfailure

OID of this trap is:

1.3.6.1.4.1.25506.8.7.1.0.1

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one cluster member fails, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpGrpMemberDeviceld (1.3.6.1.4.1.25506.8.7.1.14.1.1)	OCTET STRING	0..10

Trigger Action:

One cluster member fails.

Recommended Action:

Check if the communication between them and configuration of the member is right.

284. hh3chgmpMemberRecover

OID of this trap is:

1.3.6.1.4.1.25506.8.7.1.0.2

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one cluster member recovers from failure, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpGrpMemberDeviceld (1.3.6.1.4.1.25506.8.7.1.14.1.1)	OCTET STRING	0..10

Trigger Action:

One cluster member recovers from failure.

Recommended Action:

No action is required.

285. hh3chgmpMemberStatusChange

OID of this trap is:

1.3.6.1.4.1.25506.8.7.1.0.3

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one cluster member's status is changed, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpGrpMemberDeviceld (1.3.6.1.4.1.25506.8.7.1.14.1.1)	OCTET STRING	0..10
hh3chgmpNTDPCacheClusterRole (1.3.6.1.4.1.25506.8.7.4.10.1.4)	INTEGER	roleCOSW(1), roleMSW(2), roleBKSW(3), roleCASW(16), roleUNISW(17)

Trigger Action:

One cluster member's status is changed.

Recommended Action:

No action is required.

286. hh3chgmpNetTopChange

OID of this trap is:

1.3.6.1.4.1.25506.8.7.1.0.4

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When topology of the cluster is changed, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpGrpMemberDeviceld (1.3.6.1.4.1.25506.8.7.1.14.1.1)	OCTET STRING	0..10

Trigger Action:

Topology of the cluster is changed.

Recommended Action:

No action is required.

287. hh3chgmpStackMemberfailure

OID of this trap is:

1.3.6.1.4.1.25506.8.7.2.0.1

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one stack member fails, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpStackMemberDeviceld (1.3.6.1.4.1.25506.8.7.2.6.1.1)	OCTET STRING	0..10

Trigger Action:

One stack member fails.

Recommended Action:

Check if the device reboot abnormally and stack cable function well.

288. hh3chgmpStackMemberRecover

OID of this trap is:

1.3.6.1.4.1.25506.8.7.2.0.2

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one stack member recovers, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpStackMemberDeviceId (1.3.6.1.4.1.25506.8.7.2.6.1.1)	OCTET STRING	0..10

Trigger Action:

One stack member recovers from failure.

Recommended Action:

No action is required.

289. hh3chgmpStackMemberStatusChange

OID of this trap is:

1.3.6.1.4.1.25506.8.7.2.0.3

Module of MIB:

HH3C-HGMP-MIB

MIB file:

hh3c-hgmp.mib

Description:

When one stack member's status is changed, send a trap to the network manager.

Object Name	Object Type	Object Value Scope
hh3chgmpStackMemberDeviceId (1.3.6.1.4.1.25506.8.7.2.6.1.1)	OCTET STRING	0..10
hh3chgmpNTDPCacheClusterRole (1.3.6.1.4.1.25506.8.7.4.10.1.4)	INTEGER	roleCOSW(1), roleMSW(2), roleBKSW(3), roleCASW(16), roleUNISW(17)

Trigger Action:

One stack member's status is changed.

Recommended Action:

No action is required.

290. hh3cChanblsdnCall

OID of this trap is:

1.3.6.1.4.1.25506.8.36.9.2.1

Module of MIB:

HH3C-ISDN-MIB

MIB file:

hh3c-isdn.mib

Description:

When one call is setup, cleared or determined, the trap is sent to NMS.

Object Name	Object Type	Object Value Scope
hh3cChanblsdnIf (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.1)	INTEGER	
hh3cChanblsdnAddr (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.3)	OCTET STRING	0..255
hh3cChanblsdnCallType (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.5)	INTEGER	nocall(0), call(1), answer(2)
hh3cChanblsdnCallerAddr (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.4)	OCTET STRING	0..255
hh3cChanblsdnInfoType (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.6)	INTEGER	unknown(1), speech(2), unrestrDigit(3), unrestrDigit56(4), restrictDigit(5), audio31(6), audio7(7), video(8), swithchedPacket(9)
hh3cChanblsdnLastKeepTime (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.15)	Integer32	
hh3cChanblsdnCallFreeReason (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.8)	OCTET STRING	0..255
hh3cChanblsdnCallFreeCode (1.3.6.1.4.1.25506.8.36.9.1.1.1.1.9)	INTEGER	

Trigger Action:

One call is setup, cleared or determined.

Recommended Action:

No action is required.

291. hh3cQ931IsdnCallSetup

OID of this trap is:

1.3.6.1.4.1.25506.8.36.9.2.2

Module of MIB:

HH3C-ISDN-MIB

MIB file:

hh3c-isdn.mib

Description:

This trap is sent to the manager whenever a call is established successfully.

Object Name	Object Type	Object Value Scope
hh3cQ931IsdnOpIndex (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.1)	Integer32	
hh3cQ931IsdnLastCalled (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
hh3cQ931IsdnLastCalling (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.3)	DisplayString	OCTET STRING (0..255)
hh3cQ931IsdnCallDirection (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.5)	INTEGER	incoming(1), outgoing(2)
hh3cQ931IsdnCallTimeOpen (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.6)	DateAndTime	OCTET STRING (8 11)

Trigger Action:

A call is established successfully.

Recommended Action:

No action is required.

292. hh3cQ931IsdnCallClear

OID of this trap is:

1.3.6.1.4.1.25506.8.36.9.2.3

Module of MIB:

HH3C-ISDN-MIB

MIB file:

hh3c-isdn.mib

Description:

This trap is sent to the manager under the following conditions:

1. An existent call is normally cleared.
2. An existent call is determined to have ultimately failed, and has been cleared.

3. The existent call is cleared when the BRI/PRI port is down.
4. The existent call is cleared when the dialler rule is down.

Object Name	Object Type	Object Value Scope
Hh3cQ931IsdnOpIndex (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.1)	Integer32	
Hh3cQ931IsdnLastCalled (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.2)	DisplayString	OCTET STRING (0..255)
Hh3cQ931IsdnLastCalling (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.3)	DisplayString	OCTET STRING (0..255)
Hh3cQ931IsdnLastCauseDisc (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.4)	INTEGER	unknown(1), normCallClr(2), noRouteToTransNet(3), noRouteToDest(4), switchEquCongest(5), netOutofOrder(6)
Hh3cQ931IsdnCallDirection (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.5)	INTEGER	incoming(1), outgoing(2)
Hh3cQ931IsdnCallTimeOpen (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.6)	DateAndTime	OCTET STRING (8 11)
Hh3cQ931IsdnCallTimeClose (1.3.6.1.4.1.25506.8.36.9.1.2.2.1.6)	DateAndTime	OCTET STRING (8 11)

Trigger Action:

1. An existent call is normally cleared.
2. An existent call is determined to have ultimately failed, and has been cleared.
3. The existent call is cleared when the BRI/PRI port is down.
4. The existent call is cleared when the dialer rule is down.

Recommended Action:

Check if the call terminate normally.

293. hh3cLapdIsdnStatusChange**OID of this trap is:**

1.3.6.1.4.1.25506.8.36.9.2.4

Module of MIB:

HH3C-ISDN-MIB

MIB file:

hh3c-isdn.mib

Description:

This trap is sent to the manager whenever the D-channel of an interface changes state.

Object Name	Object Type	Object Value Scope
hh3cLapdIsdnIf (1.3.6.1.4.1.25506.8.36.9.1.3.1.1.1)	Integer32	
hh3cLapdIsdnLinkStatus (1.3.6.1.4.1.25506.8.36.9.1.3.1.1.4)	INTEGER	inactive(1), l1Active(2), l2Active(3)

Trigger Action:

The D-channel of an interface changes state.

Recommended Action:

No action is required.

294. hh3cNqaProbeTimeOverThreshold

OID of this trap is:

1.3.6.1.4.1.25506.8.3.3.1

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

For average or consecutive threshold type, this trap is generated if the hh3cNqaReactCurrentStatus value changed when a test completed. For accumulative threshold type, this trap is generated if the hh3cNqaReactCurrentStatus value changed when a probe completed,

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a test or probe completed.

Recommended Action:

Check the reason that the delay of the probe link change.

295. hh3cNqaJitterRTTOverThreshold**OID of this trap is:**

1.3.6.1.4.1.25506.8.3.3.2

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Recommended Action:

Check the reason that the delay of the probe link change.

296. hh3cNqaProbeFailure

OID of this trap is:

1.3.6.1.4.1.25506.8.3.3.3

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

For consecutive threshold type, this trap is generated if the hh3cNqaReactCurrentStatus value changed when a test completed. For accumulative threshold type, this trap is generated if the hh3cNqaReactCurrentStatus value changed when a probe completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a test or probe completed.

Recommended Action:

Check why the quality of the probe link is low.

297. hh3cNqaJitterPacketLoss**OID of this trap is:**

1.3.6.1.4.1.25506.8.3.3.4

Module of MIB:

HH3C-NQA-MIB**MIB file:**

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Recommended Action:

Check why the quality of the probe link is low.

298. hh3cNqaJitterSDOverThreshold**OID of this trap is:**

1.3.6.1.4.1.25506.8.3.3.5

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
PingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
PingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
PingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
PingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Recommended Action:

Check the why the delay of the probe link from source to destination change.

299. hh3cNqaJitterDSOverThreshold**OID of this trap is:**

1.3.6.1.4.1.25506.8.3.3.6

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a UDP-jitter or voice test completed.

Recommended Action:

Check the why the delay of the probe link from destination to source change.

300. hh3cNqaICPIFOverThreshold

OID of this trap is:

1.3.6.1.4.1.25506.8.3.3.7

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
PingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
PingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
PingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
PingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a voice test completed.

Recommended Action:

Check the why the ICPIF value change on probe link.

301. hh3cNqaMOSOverThreshold

OID of this trap is:

1.3.6.1.4.1.25506.8.3.3.8

Module of MIB:

HH3C-NQA-MIB

MIB file:

hh3c-nqa.mib

Description:

This trap is generated if the hh3cNqaReactCurrentStatus value changed when a voice test completed.

Object Name	Object Type	Object Value Scope
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	OCTET STRING	SnmpAdminString (SIZE (0..32))
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	Unsigned32	1..10
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	InetAddressType	unknown(0), ipv4(1), ipv6(2), dns(16)
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	InetAddress	OCTET STRING (SIZE (0..255))
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	OBJECT IDENTIFIER	
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	OCTET STRING	
hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)	INTEGER	invalid(0), average(1), consecutive(2), accumulative(3)
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	INTEGER	invalid(1), overThreshold(2), belowThreshold(3)

Trigger Action:

The hh3cNqaReactCurrentStatus value changed when a voice test completed.

Recommended Action:

Check the why the MOS value change on probe link.

302. hh3cTeTunnelPsSwitchWtoP

OID of this trap is:

1.3.6.1.4.1.25506.2.115.3.0.1

Module of MIB:

HH3C-TE-TUNNEL-MIB

MIB file:

hh3c-te-tunnel.mib

Description:

This notification is generated when protect workgroup switch from work tunnel to protect tunnel.

Object Name	Object Type	ObjectValueScope
hh3cTeTunnelWorkPathStatus (1.3.6.1.4.1.25506.2.115.2.3.1.12)	INTEGER	none(1), noDefect(2), inDefect(3)
hh3cTeTunnelProtectPathStatus (1.3.6.1.4.1.25506.2.115.2.3.1.13)	INTEGER	none(1), noDefect(2), inDefect(3)

303. hh3cTeTunnelPsSwitchPtoW

OID of this trap is:

1.3.6.1.4.1.25506.2.115.3.0.2

Module of MIB:

HH3C-TE-TUNNEL-MIB

MIB file:

hh3c-te-tunnel.mib

Description:

This notification is generated when protect workgroup switch from protect tunnel to work tunnel.

Object Name	Object Type	ObjectValueScope
hh3cTeTunnelWorkPathStatus (1.3.6.1.4.1.25506.2.115.2.3.1.12)	INTEGER	none(1), noDefect(2),

Object Name	Object Type	ObjectValueScope
		inDefect(3)
hh3cTeTunnelProtectPathStatus (1.3.6.1.4.1.25506.2.115.2.3.1.13)	INTEGER	none(1), noDefect(2), inDefect(3)