

Title: **CR16000 Trap Message**

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Abstract: This document describes TRAP messages supported by CR16000 based on Comware V7 Platform.

Title: CR16000 Trap Message	1
Revision History.....	5
Preface	10
All Traps	11
Public Traps List	11
Private Traps List.....	14
Public Traps.....	30
1. coldStart.....	30
2. warmStart.....	30
3. linkDown	31
4. linkUp	31
5. authenticationFailure.....	32
6. bgpBackwardTransition	33
7. bgpEstablished	33
8. risingAlarm	34
9. fallingAlarm	35
10. pingProbeFailed.....	35
11. pingTestFailed.....	37
12. pingTestCompleted	38
13. mplsXCUp.....	39
14. mplsXCDown.....	40
15. vrrpTrapNewMaster	41
16. vrrpTrapAuthFailure	41
17. isisDatabaseOverload	42
18. isisManualAddressDrops.....	43
19. isisCorruptedLSPDetected	43
20. isisAttemptToExceedMaxSequence	44
21. isisIDLLenMismatch	45
22. isisMaxAreaAddressesMismatch.....	46
23. isisOwnLSPPurge	46
24. isisSequenceNumberSkip.....	47
25. isisAuthenticationTypeFailure	48
26. isisAuthenticationFailure.....	49
27. isisVersionSkew.....	49
28. isisAreaMismatch	50
29. isisRejectedAdjacency.....	51
30. isisLSPTooLargeToPropagate	52
31. isisOrigLSPBuffSizeMismatch	53
32. isisProtocolsSupportedMismatch	54
33. isisAdjacencyChange.....	55
34. isisLSPErrordetected.....	55
Private Traps	57
1. hh3cRebootSendTrap.....	57
2. hh3cCfgManEventlog	57
3. hh3cCfgOperateCompletion	58
4. hh3cSysClockChangedNotification	59
5. hh3cSysReloadNotification	60
6. hh3cFlhOperNotification	61
7. hh3cEntityExtTemperatureThresholdNotification	62
8. hh3cEntityExtCriticalTemperatureThresholdNotification	63
9. hh3cEntityExtSFPPphony	64
10. hh3cEntityExtForcedPowerOff.....	65
11. hh3cEntityExtForcedPowerOn.....	66

12.	hh3cEntityExtFaultAlarmOn	67
13.	hh3cEntityExtFaultAlarmOff	67
14.	hh3cEntityExtTemperatureLower	68
15.	hh3cEntityExtTemperatureTooUp	69
16.	hh3cEntityExtTemperatureNormal	70
17.	hh3cRadiusAuthServerDownTrap	71
18.	hh3cRadiusAccServerDownTrap	72
19.	hh3cRadiusAuthErrTrap	72
20.	hh3cpririsingAlarm	73
21.	hh3cprifallingAlarm	74
22.	hh3cpowerfailure	74
23.	hh3cPowerNormal	75
24.	hh3cPowerRemoved	76
25.	hh3cfanfailure	76
26.	hh3cFanNormal	77
27.	hh3cBoardRemoved	77
28.	hh3cBoardInserted	78
29.	hh3cBoardFailure	78
30.	hh3cBoardNormal	79
31.	hh3cBoardTemperatureLower	80
32.	hh3cBoardTemperatureFromLowerToNormal	80
33.	hh3cRequestLoading	81
34.	hh3cLoadFailure	81
35.	hh3cLoadFinished	82
36.	hh3cPowerInserted	83
37.	hh3cSlaveSwitchOver	83
38.	hh3cAggPortInactiveNotification	84
39.	hh3cAggPortInactiveNotification2	84
40.	hh3cArpTabFullTrap	85
41.	hh3cDetailRtTabFullTrap	86
42.	hh3cMulticastTabFullTrap	86
43.	hh3cNdTabFullTrap	87
44.	hh3cPeriodicalTrap	87
45.	hh3cRrppRingRecover	88
46.	hh3cRrppRingFail	89
47.	hh3cRrppMultiMaster	89
48.	hh3cRrppMajorFault	90
49.	hh3cIpAddrChangeNotify	90
50.	hh3cSysColdStartTrap	92
51.	hh3cSysWarmStartTrap	92
52.	hh3cCfgInvalidConfigFile	93
53.	hh3cDHCPServerAddrExhaust	94
54.	hh3cDHCPServerAddrExhaustRecover	94
55.	hh3cDHCPServerAvgIpUsageOverflow	95
56.	hh3cDHCPServerMaxIpUsageOverflow	95
57.	hh3cDHCPServerAllocateOverflow	96
58.	hh3cRadiusAuthServerUpTrap	96
59.	hh3cRadiusAccServerUpTrap	97
60.	hh3cIpAddressChangeNotify	97
61.	hh3cNqaProbeTimeOverThreshold	98
62.	hh3cNqaJitterRTTOverThreshold	99
63.	hh3cNqaProbeFailure	100
64.	hh3cNqaJitterPacketLoss	101
65.	hh3cNqaJitterSDOverThreshold	103

66.	hh3cNqaJitterDSOverThreshold	104
67.	hh3cNqaCPIFOverThreshold.....	105
68.	hh3cNqaMOSOverThreshold.....	106
69.	hh3cPosB1TCAlarm	107
70.	hh3cPosB2TCAlarm	108
71.	hh3cPosB3TCAlarm	109

Revision History

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The format of Revision"" is xx.yy. And xx is major version, yy is minor version. The initial version begins with 0.01.

All modifications should be recorded here to indicate the reader which changes are happened.0.022005-03-14

Revision	Date	Author	Reason for Change
0.01	2005-05-18	Plat-mib team	First draft
0.02	2007-02-10	Shuaixiaojuan	Added ipv6IfStateChange by tongwei02717 for HSD12398.
0.03	2008-02-26	Gejianzhuang	Add hh3cMACInformationChangedTrap by g03667 for UBS requirment
0.04	2008-04-09	songhao	Added hh3cEntityExtSFPAlarmOn, hh3cEntityExtSFPAlarmOff and hh3cEntityExtSFPPphony by lifengguang 03035 for LSD25786.
0.05	2008-05-06	songhao	Added hh3cDot11StationRoamingTrap by liuhaijie 03811.
0.06	2008-06-18	songhao	1. Added hh3cStackPortLinkStatusChange and hh3cStackTopologyChange by ranbin 02617. 2. Added hh3cLogIn, hh3cLogOut and hh3cLogInAuthenFailure for HSD35589. 3. Modified hh3cDot11StationRoamingTrap by denggaoliang 06617 for WLD12350.
0.07	2008-07-08	duyanbing	Added hh3cEponUniLinkUpTrap and hh3cEponUniLinkDownTrap by duyanbing 04404 for LSD28164.
0.08	2008-07-14	lisong	Add hh3cIpAddrChangeNotify for RTD27267
0.09	2008-09-08	zhaofeng	Add hh3cEponOnuAutoBindTrap for LSD30320
0.10	2008-09-10	lisong	Add hh3cEntityInsert、hh3cEntityRemove、hh3cEntityExtForcedPowerOff、hh3cEntityExtForcedPowerOn、hh3cEntityExtFaultAlarmOn、hh3cEntityExtFaultAlarmOff、

Revision	Date	Author	Reason for Change
			hh3cIpAddrChangeNotify for HSD39621
0.11	2008-11-7	zhaofeng	Add dot11Disassociate、dot11Deauthenticate、dot11AuthenticateFail for WLD15753
0.12	2008-11-11	lisong	Added hh3cPosaServerStatusChange, hh3cPosaAppStateChange for HH3C-POSA-MIB
	2008-11-24	lisong	Added hh3cPeriodicalTrap for HH3C-TRAP-MIB
0.13	2008-12-22	songhao	Added dot1agCfmFaultAlarm, dot3OamThresholdEvent and dot3OamNonThresholdEvent by zhaixiaoxiang 04419 for LSD32962.
0.14	2009-01-14	songhao	Added hh3cEntityExtTemperatureLower, hh3cEntityExtTemperatureTooUp and hh3cEntityExtTemperatureNormal by chenxixian 04866 for HSD45637.
0.15	2009-02-17	lisong	Added hh3cIPSecTunnelStart、hh3cIPSecTunnelStop、hh3cIPSecPolicyAdd、hh3cIPSecPolicyDel、hh3cIPSecPolicyAttach、hh3cIPSecPolicyDetach by liukan 05504 for HSD46582
	2009-02-24	songhao	1. Added hh3cDot11s traps by wanglu 02222 for WLD17538. 2. Adjust format of the whole document.
0.16	2009-03-02	zhaofeng	Add hh3cLpbkdtTrapLoopbacked and hh3cLpbkdtTrapRecovered by luoxuefang 05123 for HSD47285.
0.17	2009-03-30	zhaofeng	Add hh3cDDosAttackStart and hh3cDDosAttackEnd by luohaijun 02551 for HSD48560.
	2009-03-30	shuaixiaojuan	Added hh3cPortalServerLost by dupengfei for HSD48223.
	2009-04-16	shuaixiaojuan	Added hh3cEntityExternalAlarmOccur and hh3cEntityExternalAlarmRecover to trap list by jinyi for LSD38316.
0.18	2009-06-03	songhao	Added hh3cLpbkdtTrapPerVlanLoopbacked and hh3cLpbkdtTrapPerVlanRecovered by tongwei 02617 by LSD38521.

Revision	Date	Author	Reason for Change
0.19	2009-7-17	songhao	Added hh3cE1T1VITrapTimeSlot by tongwei 02717.
0.20	2009-08-27	duyanbing	<p>Added hh3cSysColdStartTrap, hh3cSysWarmStartTrap by jinyi</p> <p>Added hh3cCfgInvalidConfigFile by duyanbing</p> <p>Added hh3cDot11ACLLoadBalanceTrap by wangshaojie</p> <p>Added hh3cDot11APInterfDetectedTrap, hh3cDot11APInterfClearTrap, hh3cDot11StaInterfDetectedTrap, hh3cDot11StaInterfClearTrap, hh3cDot11OtherDevIntDetectedTrap, hh3cDot11OtherDevIntClearTrap, hh3cDot11APModuleTroubleTrap, hh3cDot11APModuleTroubleClearTrap, hh3cDot11APRadioDownTrap, hh3cDot11APRadioDownRecovTrap, hh3cDot11APStaFullTrap, hh3cDot11APStaFullRecoverTrap, hh3cDot11DFSFreeCntBelowThrRecov, hh3cDot11APCpuUsageHigh, hh3cDot11APCpuUsageHighRecover, hh3cDot11APMemUsageHigh, hh3cDot11APMemUsageHighRecover by liyugang</p> <p>Added hh3cDot11SSIDWepIDConflictTrap by wangshaojie</p> <p>Added hh3cDot11WIDSFloodTrap, hh3cDot11WIDSSpoofTrap, hh3cDot11WIDSWeakIVTrap, hh3cDot11WIDSAtkMac, hh3cDot11WIDSAtkFrameType by liyugang</p> <p>Added hh3cDot11ACMtTunnelSetupTrap, hh3cDot11ACMtTunnelDownTrap, hh3cDot11APTrapUserCntExceedThre by heziqi</p> <p>Added hh3cPortalServerGet by huxiulan</p>

Revision	Date	Author	Reason for Change
	2009-08-28	duyanbing	Added hh3cRadiusAuthServerUpTrap, hh3cRadiusAccServerUpTrap by huxiulan Added hh3cwapiUserwithInvalidCertificate, hh3cwapiStationReplayAttack, hh3cwapiTamperAttack, hh3cwapiLowSafeLevelAttack, hh3cwapiAddressRedirectionAttack by huxiulan
0.21	2009-08-31	shuaixiaojuan	Added hh3cMACInformationChangedTrapExt by gejianzhuang.
	2009-9-15	lisong	Added hh3cEponOnuPortStpStateTrap by zhaodan for LSD42163
0.22	2009-10-12	lisong	<ol style="list-style-type: none"> Added hh3cDot11APMtRdoChanlChgTrap in HH3C-DOT11-APMT-MIB by wangshaojie for WLD21594. Added hh3cDot11ACMtTrapTunIDwnCount in HH3C-DOT11-ACMT-MIB by wangshaojie for WLD21594.
	2009-10-13	lisong	<ol style="list-style-type: none"> Added hh3cRadiusAuthErrTrap in HH3C-RADIUS-MIB by huxiulan for for WLD21492.
	2009-10-13	lisong	<ol style="list-style-type: none"> Added hh3cPPPoESAbnormOffsAlarm, hh3cPPPoESAbnormOffPerAlarm, hh3cPPPoESNormOffPerAlarm In HH3C-PPPOE-SERVER-MIB by yuhaibo for WLD21380. Added hh3cDHCPsServerAvgIpUsageOverflow, hh3cDHCPsServerMaxIpUsageOverflow, hh3cDHCPsServerAllocateOverflow in HH3C-DHCPs-MIB by xuyufei for WLD21380. Added hh3cIpAddressChangeNotify in HH3C-IP-ADDRESS-MIB by lifei for WLD21380.
	2009-10-14	songhao	Added hh3clfbandwidthUsageHigh and hh3clfdiscardPktRateHigh by jinyi 04158 for WLD21352.
0.23	2009-10-21	songhao	Added HH3C-3GMODEM-MIB by jinyi 04158.

Revision	Date	Author	Reason for Change
	2009-11-4	lisong	Added hh3cLapdIsdnStatusChange in HH3C-ISDN-MIB by chengtiesheng for HSD58469.
0.24	2009-11-21	songhao	Added dialCtlPeerCallSetup by caohui 01919 for RTD43430.
0.25	2010-01-06	jinyi	Added hh3cAccessMediaChanged by jinyi for RTD43040
	2010-01-08	songhao	Added hh3cARPRatelimitOverspeedTrap by gejianzhuang 03667 for LSD44779.
0.26	2010-05-07	songhao	Modified variables of hh3cCfgOperateCompletion.\
0.27	2010-05-28	shuaixiaojuan	Added Traps to HH3C-NQA-MIB by cuijing for RTD48202: hh3cNqaProbeTimeOverThreshold, hh3cNqaJitterRTTOverThreshold, hh3cNqaProbeFailure, hh3cNqaJitterPacketLoss, hh3cNqaJitterSDOverThreshold, hh3cNqaJitterDSOverThreshold, hh3cNqaCPIFOverThreshold and hh3cNqaMOSOverThreshold.
0.28	2010-07-12	songhao	Rearrange and add recommended actions for HP requirement.
	2010-07-12	Mkf2013	Add three traps by mkf2013 for HSD72105, hh3cPosB1TCAlarm, hh3cPosB2TCAlarm, hh3cPosB3TCAlarm.
0.29	2010-10-13	duyanbing 04404	Added traps by duyanbing 04404 for HSD76727 pimBsrElectedBSRLostElection, pimBsrCandidateBSRWinElection, pimNeighborLoss.
1.00	2011-04-07	guoyong 00781	Customized for CR16000 B6125.
1.01	2011-06-01	guoyong 00781	Customized for CR16000 B6127

Preface

Audience

This document describes all Trap messages which are supported by Comware V7 Platform.

This publication is designed for the installer and user with a working knowledge of the Comware V7 system software. Users of this publication might also include network administrators and other people responsible for setting up and maintaining these switches.

Organization

The sections of this document are as follows:

Chapter	Title	Description
1	Public Traps	Describe all trap messages in public MIB modules supported by Comware V7 platform.
2	Private Traps	Describe all trap messages in private MIB modules supported by Comware V7 platform.

All Traps

List all the traps mentioned in this documents:

Public Traps List

Trap Name	MIB Module	MIB File	Description
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	
isdnMibCallInformation	ISDN-MIB	rfc2127-isdn.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	
ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfIfConfigError(1.3.6.1.2.1.14.16.2.4)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9)	OSPF-MIB	rfc1850-ospf.mib	As per MIB

Trap Name	MIB Module	MIB File	Description
1.14.16.2.9)			
ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.15)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
ospfIfStateChange(1.3.6.1.2.1.14.16.2.16)	OSPF-MIB	rfc1850-ospf.mib	As per MIB
bgpEstablished(1.3.6.1.2.1.15.7.1)	BGP4-MIB	rfc1657-bgp4.mib	As per MIB
bgpBackwardTransition(1.3.6.1.2.1.15.7.2)	BGP4-MIB	rfc1657-bgp4.mib	As per 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.	ISIS-MIB	rfc4444-isis.mib	

Trap Name	MIB Module	MIB File	Description
2.1.138.0.2)			
isisCorruptedLSPDetected(1.3.6.1.2.1.138.0.3)	ISIS-MIB	rfc4444-isis.mib	
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	
isisLSPTooLargeToPropagate(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	

Trap Name	MIB Module	MIB File	Description
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(1.3.6.1.2.1.158.0.1)	DOT3-OAM-MIB	rfc4878-dot3-oam.mib	
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	As per MIB
pimBsrCandidateBSRWinElection (1.3.6.1.2.1.172.0.2)	PIM-BSR-MIB	rfc5240-pim-bsr.mib	As per MIB
pimNeighborLoss(1.3.6.1.2.1.157.0.1)	PIM-STD-MIB	rfc5060-pim-std.mib	As per MIB

Private Traps List

Trap Name	MIB Module	MIB File	Description
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-	hh3c-config-man.mib	

Trap Name	MIB Module	MIB File	Description
	MAN-MIB	b	
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	
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	

Trap Name	MIB Module	MIB File	Description
hh3cEntityExtFaultAlarmOff	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtResourceLack	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtResourceEnough	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtTemperatureLower	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtTemperatureTooUp	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtTemperatureNormal	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExternalAlarmOccur	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExternalAlarmRecover	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtCpuUsageThresholdRecover	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cEntityExtMemUsageThresholdRecover	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	
hh3cIPSecTunnelStart	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cIPSecTunnelStop	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cIPSecPolicyAdd	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cIPSecPolicyDel	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cIPSecPolicyAttach	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cIPSecPolicyDetach	HH3C-IPSEC-M ONITOR-MIB	hh3c-ipsec-monitor.mib	
hh3cRadiusAuthServerUpTrap	HH3C-RADIUS-M IB	hh3c-radius.mib	
hh3cRadiusAccServerUpTrap	HH3C-RADIUS-M IB	hh3c-radius.mib	
hh3cRadiusAuthErrTrap	HH3C-RADIUS-M IB	hh3c-radius.mib	
hh3cRadiusAuthServerDownTra	HH3C-RADIUS-M	hh3c-radius.mib	

Trap Name	MIB Module	MIB File	Description
p	IB		
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	
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	

Trap Name	MIB Module	MIB File	Description
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	

Trap Name	MIB Module	MIB File	Description
	TOR-MIB	b	
hh3cIKEAttrNotSuppFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEUnsportExchTypeFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEInvalidIdFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEInvalidProtocolFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKECertTypeUnsuppFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEInvalidCertAuthFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEInvalidSignFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKECertUnavailableFailure	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEProposalAdd	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cIKEProposalDel	HH3C-IKE-MONI TOR-MIB	hh3c-ike-monitor.mi b	
hh3cMacTabFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib	
hh3cMacTabAlmostFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib	
hh3cArpTabFullTrap	HH3C-TRAP-MIB	hh3c-trap.mib	

Trap Name	MIB Module	MIB File	Description
hh3cPosB1TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.15)	HH3C-PPP-OVE R-SONET-MIB	hh3c-ppp-over-sonet.mib	
hh3cPosB2TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.16)	HH3C-PPP-OVE R-SONET-MIB	hh3c-ppp-over-sonet.mib	
hh3cPosB3TCAlarm (1.3.6.1.4.1.25506.2.19.2.0.17)	HH3C-PPP-OVE R-SONET-MIB	hh3c-ppp-over-sonet.mib	
hh3cRtTabFullTrap(1.3.6.1.4.1.25506.2.38.1.3.5.1)	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	
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	

Trap Name	MIB Module	MIB File	Description
	SS-MIB		
hh3cDot11ACMtTunnelSetupTrap (1.3.6.1.4.1.25506.2.75.1.3.0.1)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mib	
hh3cDot11ACMtTunnelDownTrap (1.3.6.1.4.1.25506.2.75.1.3.0.2)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11ACMtBackupSwtTrap (1.3.6.1.4.1.25506.2.75.1.3.0.3)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11ACLoadBalanceTrap (1.3.6.1.4.1.25506.2.75.1.3.0.4)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtWorkModeChgTrap (1.3.6.1.4.1.25506.2.75.2.3.0.1)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtCfgErrorTrap (1.3.6.1.4.1.25506.2.75.2.3.0.2)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtRadioFailTrap (1.3.6.1.4.1.25506.2.75.2.3.0.3)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtRdoChanlChgTrap (1.3.6.1.4.1.25506.2.75.2.3.0.5)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtTimeSynFail (1.3.6.1.4.1.25506.2.75.2.3.0.6)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtChlIntfDetected (1.3.6.1.4.1.25506.2.75.2.3.0.7)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtIntfAPDetected (1.3.6.1.4.1.25506.2.75.2.3.0.8)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtIntfStaDetected (1.3.6.1.4.1.25506.2.75.2.3.0.9)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtIPChange (1.3.6.1.4.1.25506.2.75.2.3.0.10)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APFlashWriteFailure (1.3.6.1.4.1.25506.2.75.2.3.0.11)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APSysReboot (1.3.6.1.4.1.25506.2.75.2.3.0.12)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APMtAvailChlTooLow (1.3.6.1.4.1.25506.2.75.2.3.0.13)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	
hh3cDot11APImgDwldSuccess (1.3.6.1.4.1.25506.2.75.2.3.0.14)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.mbi	

Trap Name	MIB Module	MIB File	Description
hh3cDot11APInterfDetectedTrap (1.3.6.1.4.1.25506.2.75.2.3.0.15)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APInterfClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.16)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11StalInterfDetectedTrap (1.3.6.1.4.1.25506.2.75.2.3.0.17)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11StalInterfClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.18)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11OtherDevIntDetected Trap (1.3.6.1.4.1.25506.2.75.2.3.0.19)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11OtherDevIntClearTrap (1.3.6.1.4.1.25506.2.75.2.3.0.20)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APModuleTroubleTra p (1.3.6.1.4.1.25506.2.75.2.3.0.21)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APModuleTroubleCle arTrap (1.3.6.1.4.1.25506.2.75.2.3.0.22)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APRadioDownTrap (1.3.6.1.4.1.25506.2.75.2.3.0.23)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APRadioDownRecovT rap (1.3.6.1.4.1.25506.2.75.2.3.0.24)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APStaFullTrap (1.3.6.1.4.1.25506.2.75.2.3.0.25)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APStaFullRecoverTra p (1.3.6.1.4.1.25506.2.75.2.3.0.26)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11DFSFreeCntBelowThr Recov (1.3.6.1.4.1.25506.2.75.2.3.0.27)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APTrapUserCntExcee dThre (1.3.6.1.4.1.25506.2.75.2.3.0.32)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APMtDetectedIntfAP (1.3.6.1.4.1.25506.2.75.2.3.0.33)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	
hh3cDot11APMtDetectedIntfSTA (1.3.6.1.4.1.25506.2.75.2.3.0.34)	HH3C-DOT11-AP MT-MIB	hh3c-dot11-apmt.m bi	

Trap Name	MIB Module	MIB File	Description
hh3cDot11APMtDetectedIntfOtherDev (1.3.6.1.4.1.25506.2.75.2.3.0.35)	HH3C-DOT11-APMT-MIB	hh3c-dot11-apmt.mib	
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	
hh3cDot11StationAuthorSuccessTrap (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	
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	HH3C-DOT11-WIDS-MIB	hh3c-dot11-wids.mib	

Trap Name	MIB Module	MIB File	Description
(1.3.6.1.4.1.25506.2.75.5.3.1.4)			
hh3cDot11WIDSDetectAttack (1.3.6.1.4.1.25506.2.75.5.3.1.5)	HH3C-DOT11-WI DS-MIB	hh3c-dot11-wids.mi b	
hh3cDot11WIDSDetectWBridge (1.3.6.1.4.1.25506.2.75.5.3.1.6)	HH3C-DOT11-WI DS-MIB	hh3c-dot11-wids.mi b	
hh3cDot11WIDSFloodTrap (1.3.6.1.4.1.25506.2.75.5.3.1.7)	HH3C-DOT11-WI DS-MIB	hh3c-dot11-wids.mi b	
hh3cDot11WIDSSpoofTrap (1.3.6.1.4.1.25506.2.75.5.3.1.8)	HH3C-DOT11-WI DS-MIB	hh3c-dot11-wids.mi b	
hh3cDot11WIDSWeakIVTrap (1.3.6.1.4.1.25506.2.75.5.3.1.9)	HH3C-DOT11-WI DS-MIB	hh3c-dot11-wids.mi b	
hh3cDot11RRMIntrfLimit (1.3.6.1.4.1.25506.2.75.8.3.1.0.1)	HH3C-DOT11-R RMIB	hh3c-dot11-rrm.mib	
hh3cDot11RRMPERLimit (1.3.6.1.4.1.25506.2.75.8.3.1.0.2)	HH3C-DOT11-R RMIB	hh3c-dot11-rrm.mib	
hh3cDot11RRMPowerChange (1.3.6.1.4.1.25506.2.75.8.3.2.0.1)	HH3C-DOT11-R RMIB	hh3c-dot11-rrm.mib	
hh3cE1T1VITrapTimeSlot	HH3C-E1T1VI-MI B	hh3c-e1t1vi.mib	
hh3cwapiUserwithInvalidCertifica te	HH3C-WAPI-MIB	hh3c-wapi.mib	As per MIB
hh3cwapiStationReplayAttack	HH3C-WAPI-MIB	hh3c-wapi.mib	As per MIB
hh3cwapiTamperAttack	HH3C-WAPI-MIB	hh3c-wapi.mib	As per MIB
hh3cwapiLowSafeLevelAttack	HH3C-WAPI-MIB	hh3c-wapi.mib	As per MIB
hh3cwapiAddressRedirectionAtta ck	HH3C-WAPI-MIB	hh3c-wapi.mib	As per MIB

hh3clpAddrChangeNotify	HH3C-NET-MAN- MIB	hh3c-net-man.mib	
hh3cStackPortLinkStatusChange	HH3C-STACK-MI B	hh3c-stack.mib	
hh3cStackTopologyChange	HH3C-STACK-MI B	hh3c-stack.mib	
hh3cWirelessCardInserted	HH3C-3GMODE M-MIB	hh3c-3gmodem.mib	
hh3cWirelessCardPulledOut	HH3C-3GMODE	hh3c-3gmodem.mib	

	M-MIB		
hh3cUIMPinInvalid	HH3C-3GMODE M-MIB	hh3c-3gmodem.mib	
hh3cUIMPinChanged	HH3C-3GMODE M-MIB	hh3c-3gmodem.mib	
hh3cAccessMediaChanged	HH3C-3GMODE M-MIB	hh3c-3gmodem.mib	
hh3cRebootSendTrap	HH3C-COMMON -SYSTEM-MIB	hh3c-common-syste m.mib	
hh3cSysColdStartTrap	HH3C-COMMON -SYSTEM-MIB	hh3c-common-syste m.mib	
hh3cSysWarmStartTrap	HH3C-COMMON -SYSTEM-MIB	hh3c-common-syste m.mib	
hh3cpririsingAlarm	HH3C-RMON-EX T-MIB	hh3c-rmon-ext.mib	
hh3cprifallingAlarm	HH3C-RMON-EX T-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-	hh3c-splat-trap.mib	

	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	
hh3cBoardTemperatureFromHigherToNormal	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	
hh3cRequestLoading	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	
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	As per MIB
hh3cLpbkdtTrapRecovered(1.3.6.1.4.1.25506.2.95.1.0.2)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib	As per MIB

hh3cPortMstiStateForwarding(1.3.6.1.4.1.25506.8.35.14.0.1)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cPortMstiStateDiscarding(1.3.6.1.4.1.25506.8.35.14.0.2)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cBridgeLostRootPrimary(1.3.6.1.4.1.25506.8.35.14.0.3)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cPortMstiRootGuarded(1.3.6.1.4.1.25506.8.35.14.0.4)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cPortMstiBpduGuarded(1.3.6.1.4.1.25506.8.35.14.0.5)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cPortMstiLoopGuarded(1.3.6.1.4.1.25506.8.35.14.0.6)	HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib	As per MIB
hh3cAggPortInactiveNotification(1.3.6.1.4.1.25506.8.25.2.2)	HH3C-LAG-MIB	hh3c-lag.mib	As per MIB
hh3cAggPortInactiveNotification2(1.3.6.1.4.1.25506.8.25.2.3)	HH3C-LAG-MIB	hh3c-lag.mib	As per MIB
hh3cAggPortActiveNotification(1.3.6.1.4.1.25506.8.25.2.4)	HH3C-LAG-MIB	hh3c-lag.mib	As per MIB

hh3cDDosAttackStart	HH3C-AFC-MIB	hh3c-afc.mib	As per MIB
hh3cDDosAttackEnd	HH3C-AFC-MIB	hh3c-afc.mib	As per MIB
hh3cPosaServerStatusChange	HH3C-POSA-MIB	hh3c-posa.mib	As per MIB
hh3cPosaAppStateChange	HH3C-POSA-MIB	hh3c-posa.mib	As per MIB
hh3cPortalServerLost	HH3C-PORTAL-MIB	hh3c-portal.mib	As per MIB
hh3cPortalServerGet	HH3C-PORTAL-MIB	hh3c-portal.mib	As per MIB
hh3csupplicantproxycheck	HH3C-8021PAE-MIB	hh3c-8021x-ext.mib	As per MIB
hh3cposAppNotReadyTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppConnectFailTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppStateChangeTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppNotConfigedTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppBuffOverFlowTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppDebugOpenTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposAppDebugAllOpenTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposInterBuffOverFlowTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB

hh3cposInterStateChangeTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposInterDebugOpenTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposInterDebugAllOpenTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposFCMTimeoutTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposFCMConnectFailTrap	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposClearPacketCounter	HH3C-POS-MIB	hh3c-pos.mib	As per MIB
hh3cposClearFcmCounter	HH3C-POS-MIB	hh3c-pos.mib	As per MIB

hh3cSSHUserAuthFailure	HH3C-SSH-MIB	hh3c-ssh.mib	As per MIB
hh3cSSHVersionNegotiationFailure	HH3C-SSH-MIB	hh3c-ssh.mib	As per MIB
hh3cSSHUserLogin	HH3C-SSH-MIB	hh3c-ssh.mib	As per MIB
hh3cSSHUserLogout	HH3C-SSH-MIB	hh3c-ssh.mib	As per MIB
hh3cMACInformationChangedTrap	HH3C-MAC-INFO RMATION-MIB	hh3c-mac-infor mation.mib	As per MIB
hh3cMACInformationChangedTrapExt	HH3C-MAC-INFO RMATION-MIB	hh3c-mac-infor mation.mib	As per MIB
hh3cDHCPSEServerAddrExhaust	HH3C-DHCP-SE RVER-MIB	hh3c-dhcp-serv er.mib	As per MIB
hh3cDHCPSEServerAddrExhaustRecover	HH3C-DHCP-SE RVER-MIB	hh3c-dhcp-serv er.mib	As per MIB
hh3cDHCPSEServerAvgIpUsageOverflow	HH3C-DHCP-SE RVER-MIB	hh3c-dhcp-serv er.mib	As per MIB
hh3cDHCPSEServerMaxIpUsageOverflow	HH3C-DHCP-SE RVER-MIB	hh3c-dhcp-serv er.mib	As per MIB
hh3cDHCPSEServerAllocateOverflow	HH3C-DHCP-SE RVER-MIB	hh3c-dhcp-serv er.mib	As per MIB
hh3cPPPoESAbnormOffsAlarm	HH3C-PPPOE-S ERVER-MIB	hh3c-pppoe-ser ver.mib	As per MIB
hh3cPPPoESAbnormOffPerAlarm	HH3C-PPPOE-S ERVER-MIB	hh3c-pppoe-ser ver.mib	As per MIB
hh3cPPPoESNormOffPerAlarm	HH3C-PPPOE-S ERVER-MIB	hh3c-pppoe-ser ver.mib	As per MIB
hh3cARPRatelimitOverspeedTrap	HH3C-ARP-RAT	hh3c-arp-ratelim	As per MIB

p	ELIMIT-MIB	it.mib	
hh3chgmpMemberfailure	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpMemberRecover	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpMemberStatusChange	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpNetTopChange	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpStackMemberfailure	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpStackMemberRecover	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3chgmpStackMemberStatusChange	HH3C-HGMP-MIB B	hh3c-hgmp.mib	As per MIB
hh3cChanblsdnCall	HH3C-ISDN-MIB	hh3c-isdn.mib	As per MIB
hh3cQ931IsdnCallSetup	HH3C-ISDN-MIB	hh3c-isdn.mib	As per MIB
hh3cQ931IsdnCallClear	HH3C-ISDN-MIB	hh3c-isdn.mib	As per MIB
hh3cLapdIsdnStatusChange	HH3C-ISDN-MIB	hh3c-isdn.mib	As per MIB
hh3cNqaProbeTimeOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaJitterRTTOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaProbeFailure	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaJitterPacketLoss	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaJitterSDOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaJitterDSOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaICIPOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per MIB
hh3cNqaMOSOverThreshold	HH3C-NAQ-MIB	hh3c-nqa.mib	As per 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. 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.

7. 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 (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 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.

8. 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.

9. 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	

Trigger Action:

An alarm entry crosses its falling threshold

Recommended Action:

No action is required.

10. 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 (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:

A probe failure is detected.

Recommended Action:

No action is required.

11. 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))
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	Unsigned32	

Object Name	Object Type	Object Value Scope
(1.3.6.1.2.1.80.1.3.1.9)		
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.

12. 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
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	

Object Name	Object Type	Object Value Scope
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.

13. 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 a 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	INTEGER	1: up(1)

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

Trigger Action:

a 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.

14.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 a 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)

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

Trigger Action:

a 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.

15.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.

16.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.

17.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 be 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.

18. 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 invilid area addresses.

Leave unused area addresses.

19. 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.

20. 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.

21.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
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.

22. 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.

23. 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.

24. 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)}

Object Name	Object Type	Object Value Scope
isisNotificationCircIflIndex (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.

25. 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)}
isisNotificationCircIflIndex (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 type mismatches.

Recommended Action:

Confirm the authenticate information type whether can be matched.

26. 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)}
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 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

27. 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)}
isisNotificationCircIflIndex (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.

28. 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
isisNotificationCircIflIndex (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 differenc.

29. 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)}
isisNotificationCircIflIndex (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 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.

30. 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
isisPduLspld (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.

31.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)}
isisNotificationCircIflIndex (1.3.6.1.2.1.138.1.10.1.2)	Unsigned32	1..2147483647
isisPduLspld (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.

32.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)}
isisNotificationCircflIndex (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.

33.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)}
isisNotificationCircflIndex (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.

34.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 isisCircIfIndex 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)}
isisPduLspld (1.3.6.1.2.1.138.1.10.1.3)	IsisLinkStatePDUID	OCTET STRING (8)
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)
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.

Private Traps

1. 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.

2. 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
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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.

3. 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
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hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	ConfigOperationType	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.

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. 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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<p>hh3cFlhOperStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1.9)</p>	<p>Hh3cFlashOperationStatus</p>	<p>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)</p>
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Trigger Action:

The completion of a flash copy operation if hh3cFlhOperEndNotification is true

Recommended Action:

No action is required.

7. 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.

8. 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	
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 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 environmental alarms fan and filter determine the reason and rectify the problem. Please obtain the critical threshold by command "display environment".

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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
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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	
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".

15. 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 environmental alarms fan and filter determine the reason and rectify the problem. Obtain the threshold by command "display environment".

16. 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 (1.3.6.1.2.1.47.1.1.1.7)	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)}
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Trigger Action:

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

Recommended Action:

No action is required.

17.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.

18. 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 (1.3.6.1.2.1.67.2.2.1.1.3.1.2)	IpAddress	
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.

19. 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
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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:

The percent of the unsuccessful authentication exceeds the threshold.

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.

20.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.

21. 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
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.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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)	INTEGER	

Trigger Action:

Insert a fan into its slot

Recommended Action:

No action is required.

27. 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
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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:

Remove a slave of IO board from its slot

Recommended Action:

Check the board and insert it back to its slot.

28. 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
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.

29. 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.

30. 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.

31. 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	

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.

32. 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	
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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.

33. 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.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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
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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.

40.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.

41. 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.

42. 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	Integer32	INTEGER{ lay2(1), lay3(2) }

Object Name	Object Type	Object Value Scope
(1.3.6.1.4.1.25506.2.38.1.4.3.1)		
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.

43. 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.

44. 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

45. 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
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

46. 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.

47. 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
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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:

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.

48. 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.

49. 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 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 is generated when the IP address of active management interface is changed.

Recommended Action:

NMS should use the new IP address to manage device.

50. 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.

51. 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.

52. 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
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.

53. 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
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.

54. 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.

55. 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
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.

56. 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.

57. 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.

58. 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.

59. 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
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.

60. 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
hh3clpAddrNotifyIfIndex (1.3.6.1.4.1.25506.2.67.2.1.1)	Integer	1..2147483647
hh3clpAddrOldIpAddress (1.3.6.1.4.1.25506.2.67.2.1.2)	Octets	
hh3clpAddrNewIpAddress (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

61. 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.

62. 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.

63. 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.

64. 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.

65. 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.

66. 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.

67.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
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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 voice test completed.

Recommended Action:

Check the why the ICPIF value change on probe link.

68. 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.

69. hh3cPosB1TCAlarm

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
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.

70.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.

71.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.