

Title: Comware V7 Platform Notification Message

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Abstract: This document describes notification messages supported by Comware V7 Platform.

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Revision History

Every column should be filled.

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 since 2010-4-29.

Revision	Date	Author	Reason for Change
0.01	2011-04-29	Plat-SNMP team	First draft
0.02	2011-06-16	songhao	COMWAREV700R001B18D001 Added hh3cStackPortLinkStatusChange and hh3cStackTopologyChange by wangxiangyang 03763.
0.03	2011-08-17	yuhua	COMWAREV700R001B21D001 Added IldpRemTablesChange and IldpXMedTopologyChangeDetected by zhangwei 05891.
0.04	2011-12-15	songhao	COMWAREV700R001B26D001 1. Marked "Not supported." for some notification by LPD20615 for yangyang 05138 and zhangshengyan 07371.
0.05	2011-01-16	songhao	COMWAREV700R001B27D001 1. Added hh3cAggPortInactiveNotification, hh3cAggPortInactiveNotification2, hh3cAggPortActiveNotification by wanyi 05490 for LPD23208. 2. Added hh3cPortMstiStateForwarding, hh3cPortMstiStateDiscarding, hh3cBridgeLostRootPrimary,

Revision	Date	Author	Reason for Change
			hh3cPortMstiRootGuarded, hh3cPortMstiBpduGuarded, hh3cPortMstiLoopGuarded by zhangwei 05891 for LPD23766. 3. Added hh3cStormRising, hh3cStormFalling by xiedong 02618 for LPD23766. 4. Added hh3cFlhOperNotification by lisong 06014.
0.06	2012-02-14	songhao	COMWAREV700R001B28D001 Added hh3cRebootSendTrap, hh3cSysColdStartTrap, hh3cSysWarmStartTrap, hh3cSlaveSwitchOver by fanyanwen 06660.
0.07	2012-03-04	songhao	COMWAREV700R001B29D001 1. Added bgpEstablished, bgpBackwardTransition, bgpEstablishedNotification, bgpBackwardTransNotification by zhuchaopeng 02520 for LPD26654. 2. Added hh3cMACInformationChangedTrapExt by mengli 06606 for LPD26850. 3. Added hh3cDldp2TrapUniLink and hh3cDldp2TrapBidLink by guce 04152 for LPD26611. 4. Added hh3cLpbkdtTrapLoopbacked, hh3cLpbkdtTrapRecovered, hh3cLpbkdtTrapPerVlanLoopbacked and hh3cLpbkdtTrapPerVlanRecovered by heziqi 06012 for LPD26875.
0.08	2012-03-26	songhao	COMWAREV700R001B30D001 Removed hh3cEntityExtVoltageLowThresholdNotification, hh3cEntityExtVoltageHighThresholdNotification, hh3cEntityExtTemperatureTooLow, hh3cMasterPowerNormal, hh3cSlavePowerNormal, hh3cBoardTemperatureLower, hh3cBoardTemperatureFromLowerToNormal, hh3cBoardTemperatureHigher, hh3cBoardTemperatureFormHigherToNormal, hh3cBackBoardModeSetFuilure, hh3cBackBoardModeSetOK and modified description of hh3cfanfailure, hh3cFanNormal,

Revision	Date	Author	Reason for Change
			hh3cBoardRemoved, hh3cBoardInserted, hh3cBoardFailure, hh3cBoardNormal, hh3cSubcardRemove, hh3cSubcardInsert, hh3cRequestLoading, hh3cLoadFailure, hh3cLoadFinished, hh3cPowerInserted, hh3cBootImageUpdated by lifengguang 03035 for LPD20615.
0.09	2012-04-18	songhao	COMWAREV700R001B31D001 1. Modified description of hh3cEntityExtTemperatureThresholdNotification and hh3cEntityExtTemperatureTooUp by fanyanwen 06660 for LPD30116. 2. Added OSPF-MIB, OSPF-TRAP-MIB, ospfVirtIfStateChange, ospfNbrStateChange, ospfVirtNbrStateChange, ospfIfConfigError, ospfVirtIfConfigError, ospfIfAuthFailure, ospfVirtIfAuthFailure, ospfIfRxBadPacket, ospfVirtIfRxBadPacket, ospfTxRetransmit, ospfVirtIfTxRetransmit, ospfOriginateLsa, ospfMaxAgeLsa, ospfLsdbOverflow, ospfLsdbApproachingOverflow, ospfIfStateChange, ospfNssaTranslatorStatusChange, ospfRestartStatusChange, ospfNbrRestartHelperStatusChange, ospfVirtNbrRestartHelperStatusChange by xujing 03216 for LPD30635.
0.10	2012-05-13	songhao	COMWAREV700R001B31D001 1. Added dot3OamThresholdEvent, dot3OamNonThresholdEvent, dot1agCfmFaultAlarm by caobaowen 05897 for LPD032279. 2. Added HH3C-TRAP-MIB by yuhua 04527.
0.11	2012-05-29	songhao	COMWAREV700R001B33D001 Removed hh3cEntityExtCritLowerTempThresholdNotification by fanyanwen 06660 for LPD031794.

Preface

Audience

This document describes all Notification 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 Notifications	Describe all notification messages in public MIB modules supported by Comware V7 platform.
2	Private Notifications	Describe all notification messages in private MIB modules supported by Comware V7 platform.

All Notifications

List all the notifications mentioned in this documents:

Public Notifications List

Trap Name	MIB Module	MIB File	Description
lldpRemTablesChange(1.0.8802.1.1.2.0.0.1)	LLDP-MIB	lldp.mib	As per MIB
lldpXMedTopologyChangeDetected(1.0.8802.1.1.2.1.5.4795.0.1)	LLDP-EXT-MED-MIB	lldp-ext-med.mib	As per MIB
ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtNbrStateChange(1.3.6.1.2.1.14.16.2.3)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfIfConfigError(1.3.6.1.2.1.14.16.2.4)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB

Trap Name	MIB Module	MIB File	Description
ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfIfStateChange(1.3.6.1.2.1.14.16.2.16)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfNssaTranslatorStatusChange(1.3.6.1.2.1.14.16.2.17)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfRestartStatusChange(1.3.6.1.2.1.14.16.2.18)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.19)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
ospfVirtNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.20)	OSPF-TRAP-MIB	rfc4750-ospf-trap.mib	As per MIB
bgpEstablished(1.3.6.1.2.1.15.7.1)	BGP4-MIB	rfc4273-bgp4.mib	As per MIB
bgpBackwardTransition(1.3.6.1.2.1.15.7.2)	BGP4-MIB	rfc4273-bgp4.mib	As per MIB
bgpEstablishedNotification(1.3.6.1.2.1.15.0.1)	BGP4-MIB	rfc4273-bgp4.mib	As per MIB
bgpBackwardTransNotification(1.3.6.1.2.1.15.0.2)	BGP4-MIB	rfc4273-bgp4.mib	As per MIB
entConfigChange(1.3.6.1.2.1.47.2.0.1)	ENTITY-MIB	rfc2737-entity.mib	As per MIB
dot3OamThresholdEvent(1.3.6.1.2.1.158.0.1)	DOT3-OAM-MIB	rfc4878-dot3-oam.mib	As per MIB
dot3OamNonThresholdEvent(1.3.6.1.2.1.158.0.2)	DOT3-OAM-MIB	rfc4878-dot3-oam.mib	As per MIB
coldStart(1.3.6.1.6.3.1.1.5.1)	SNMPv2-MIB	rfc3418-snmpv2.mib	As per MIB
warmStart(1.3.6.1.6.3.1.1.5.2)	SNMPv2-MIB	rfc3418-snmpv2.mib	As per MIB
linkDown(1.3.6.1.6.3.1.1.5.3)	IF-MIB	rfc2233-if.mib	As per MIB
linkup(1.3.6.1.6.3.1.1.5.4)	IF-MIB	rfc2233-if.mib	As per MIB
authenticationFailure(1.3.6.1.6.3.1.1.5.4)	SNMPv2-MIB	rfc3418-snmpv2.mib	As per MIB
dot1agCfmFaultAlarm(1.3.111.2.802.1.1.8.0.1)	IEEE8021-CFM-MIB	ieee8021-cfm.mib	As per MIB

Private Notifications List

Trap Name	MIB Module	MIB File	Description
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Trap Name	MIB Module	MIB File	Description
hh3cCfgManEventlog (1.3.6.1.4.1.25506.2.4.2.1)	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib	As per MIB
hh3cCfgOperateCompletion (1.3.6.1.4.1.25506.2.4.2.2)	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib	As per MIB
hh3cCfgInvalidConfigFile (1.3.6.1.4.1.25506.2.4.2.3)	HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib	As per MIB
hh3cFlhOperNotification (1.3.6.1.4.1.25506.2.5.1.3.1)	HH3C-FLASH-MAN-MIB	hh3c-flash-man.mib	As per MIB
hh3cEntityExtTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.1)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtCpuUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.4)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtOperEnabled (1.3.6.1.4.1.25506.2.6.2.0.6)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtOperDisabled (1.3.6.1.4.1.25506.2.6.2.0.7)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtCriticalTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.8)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtSFPAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.9)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtSFPAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.10)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtSFPPhony (1.3.6.1.4.1.25506.2.6.2.0.11)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityInsert (1.3.6.1.4.1.25506.2.6.2.0.12)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityRemove (1.3.6.1.4.1.25506.2.6.2.0.13)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtForcedPowerOff (1.3.6.1.4.1.25506.2.6.2.0.14)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtForcedPowerOn (1.3.6.1.4.1.25506.2.6.2.0.15)	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtFaultAlarmOn	HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib	As per MIB

Trap Name	MIB Module	MIB File	Description
(1.3.6.1.4.1.25506.2.6.2.0.16)	XT-MIB		
hh3cEntityExtFaultAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.17)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtResourceLack(1.3.6.1.4.1.25506.2.6.2.0.18)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtResourceEnough(1.3.6.1.4.1.25506.2.6.2.0.19)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	Not supported.
hh3cEntityExtTemperatureLower (1.3.6.1.4.1.25506.2.6.2.0.20)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtTemperatureTooUp (1.3.6.1.4.1.25506.2.6.2.0.21)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtTemperatureNormal (1.3.6.1.4.1.25506.2.6.2.0.22)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExternalAlarmOccur (1.3.6.1.4.1.25506.2.6.2.0.23)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExternalAlarmRecover (1.3.6.1.4.1.25506.2.6.2.0.24)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtCpuUsageThresholdRecover (1.3.6.1.4.1.25506.2.6.2.0.25)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtMemUsageThresholdRecover (1.3.6.1.4.1.25506.2.6.2.0.26)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtMemAllocatedFailed (1.3.6.1.4.1.25506.2.6.2.0.27)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cEntityExtECCParityAlarm (1.3.6.1.4.1.25506.2.6.2.0.28)	HH3C-ENTITY-E XT-MIB	hh3c-entity-ext.mib	As per MIB
hh3cPeriodicalTrap (1.3.6.1.4.1.25506.2.38.1.6.3.0.1)	HH3C-TRAP-MIB	hh3c-trap.mib	As per MIB
hh3cStormRising (1.3.6.1.4.1.25506.2.66.3.1)	HH3C-STORM-CONSTRRAIN-MIB	hh3c-storm-constrain.mib	As per MIB
hh3cStormFalling (1.3.6.1.4.1.25506.2.66.3.2)	HH3C-STORM-CONSTRRAIN-MIB	hh3c-storm-constrain.mib	As per MIB
hh3cMACInformationChangedTrapExt (1.3.6.1.4.1.25506.2.87.1.4.0.1)	HH3C-MAC-IRMATION-MIB	hh3c-mac-information.mib	As per MIB
hh3cStackPortLinkStatusChange (1.3.6.1.4.1.25506.2.91.6.0.1)	HH3C-STACK-MIB	hh3c-stack.mib	As per MIB

Trap Name	MIB Module	MIB File	Description
hh3cStackTopologyChange (1.3.6.1.4.1.25506.2.91.6.0.2)	HH3C-STACK-MIB	hh3c-stack.mib	As per MIB
hh3cLpbkdtTrapLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.1)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib	The notification represents that interface(s) is looped.
hh3cLpbkdtTrapRecovered(1.3.6.1.4.1.25506.2.95.1.0.2)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib	The notification represents that the loops on the interface(s) are eliminated.
hh3cLpbkdtTrapPerVlanLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.3)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib	The notification represents that interface(s) is looped in the VLAN.
hh3cLpbkdtTrapPerVlanRecovered(1.3.6.1.4.1.25506.2.95.1.0.4)	HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib	The notification represents that the loop on the interface(s) is eliminated in the VLAN.
hh3cDldp2TrapUniLink(1.3.6.1.4.1.25506.2.117.4.0.1)	HH3C-DLDP2-MIB	hh3c-dldp2.mib	As per MIB
hh3cDldp2TrapBidLink(1.3.6.1.4.1.25506.2.117.4.0.2)	HH3C-DLDP2-MIB	hh3c-dldp2.mib	As per MIB
hh3cRebootSendTrap(1.3.6.1.4.1.25506.6.8.3)	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib	As per MIB
hh3cSysColdStartTrap(1.3.6.1.4.1.25506.6.8.4)	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib	Need confirm by products
hh3cSysWarmStartTrap(1.3.6.1.4.1.25506.6.8.5)	HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib	Need confirm by products
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
hh3cpowerfailure(1.3.6.1.4.1.25506.8.35.12.1.1)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cPowerNormal(1.3.6.1.4.1.25506.8.35.12.1.2)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB

Trap Name	MIB Module	MIB File	Description
506.8.35.12.1.2)	MIB		
hh3cPowerRemoved(1.3.6.1.4.1.25506.8.35.12.1.5)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cfanfailure(1.3.6.1.4.1.25506.8.35.12.1.6)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cFanNormal(1.3.6.1.4.1.25506.8.35.12.1.7)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cBoardRemoved(1.3.6.1.4.1.25506.8.35.12.1.8)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cBoardInserted(1.3.6.1.4.1.25506.8.35.12.1.9)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cBoardFailure(1.3.6.1.4.1.25506.8.35.12.1.10)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cBoardNormal(1.3.6.1.4.1.25506.8.35.12.1.11)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cSubcardRemove(1.3.6.1.4.1.25506.8.35.12.1.2)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cSubcardInsert(1.3.6.1.4.1.25506.8.35.12.1.13)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cRequestLoading(1.3.6.1.4.1.25506.8.35.12.1.18)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	Not supported.
hh3cLoadFailure(1.3.6.1.4.1.25506.8.35.12.1.19)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	Not supported.
hh3cLoadFinished(1.3.6.1.4.1.25506.8.35.12.1.20)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	Not supported.
hh3cPowerInserted(1.3.6.1.4.1.25506.8.35.12.1.23)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	As per MIB
hh3cBootImageUpdated(1.3.6.1.4.1.25506.8.35.12.1.24)	HH3C-LswTRAP-MIB	hh3c-splat-trap.mib	Not supported.

Trap Name	MIB Module	MIB File	Description
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
hh3cSlaveSwitchOver(1.3.6.1.4.1.25506.8.35.17.10.1)	HH3C-LswMix-MIB	hh3c-splat-mix.mib	As per MIB

Public Notifications

1. IldpRemTablesChange

OID of this notification is:

1.0.8802.1.1.2.0.0.1

Module of MIB:

LLDP-MIB

MIB file:

Ildp.mib

Description:

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

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

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

Trigger Action:

The remote system information is created, modified, or deleted.

Recommended Action:

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

2. IldpXMedTopologyChangeDetected

OID of this notification is:

1.0.8802.1.1.2.1.5.4795.0.1

Module of MIB:

LLDP-EXT-MED-MIB

MIB file:

lldp-ext-med.mib

Description:

A notification generated by the local device sensing a change in the topology that indicates that a new remote device attached to a local port, or a remote device disconnected or moved from one port to another.

Object Name	Object Type	Object Value Scope
lldpRemChassisIdSubtype (1.0.8802.1.1.2.1.4.1.1.4)	LldpChassisIdSubtype	INTEGER { chassisComponet(1), interfaceAlias(2), portCompoment(3), macAddress(4), networkAddress(5), interfaceName(6), local(7) }
lldpRemChassisId (1.0.8802.1.1.2.1.4.1.1.5)	LldpChassisId	OCTET STRING (1..255)
lldpXMedRemDeviceClass (1.0.8802.1.1.2.1.5.4795.1.3.1.1.3)	LldpXMedDeviceClass	INTEGER { notDefined(0), endpointClass1(1), endpointClass2(2), endpointClass3(3), networkConnectivity(4) }

Trigger Action:

A new remote device attached to a local port, or a remote device disconnected or moved from one port to another.

Recommended Action:

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

3. ospfVirtIfStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.1

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtIfAreaId	AreaID	
ospfVirtIfNeighbor	RouterID	
ospfVirtIfState	INTEGER	down (1), pointToPoint (4)

Trigger Action:

This trap should be generated when the interface state regresses

Recommended Action:

No action is required.

4. ospfNbrStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.2

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

An ospfNbrStateChange trap signifies that there has been a change in the state of a non-virtual OSPF neighbor. This trap should be generated when

the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full). When an neighbor transitions from or to Full on non-broadcast multi-access and broadcast networks, the trap should be generated by the designated router. A designated router transitioning to down will be noted by ospflfStateChange.

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfNbrIpAddr	IpAddress	
ospfNbrAddressLessIndex	InterfaceIndexOrZero	
ospfNbrRtrId	RouterID	
ospfNbrState	INTEGER	down (1), attempt (2), init (3), twoWay (4), exchangeStart (5), exchange (6), loading (7), full (8)

Trigger Action:

This trap should be generated when the neighbor state regresses.

Recommended Action:

No action is required.

5. ospfVirtNbrStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.3

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtNbrArea	AreaID	
ospfVirtNbrRtrId	RouterID	
ospfVirtNbrState	INTEGER	down (1), attempt (2), init (3), twoWay (4), exchangeStart (5), exchange (6), loading (7), full (8)

Trigger Action:

This trap should be generated when the neighbor state regresses

Recommended Action:

No action is required.

6. ospflfConfigError

OID of this trap is:

1.3.6.1.2.1.14.16.2.4

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfIfIpAddress	IpAddress	
ospfAddressLessIf	InterfaceIndexOrZero	
ospfPacketSrc	IpAddress	
ospfConfigErrorType	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch(5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), mtuMismatch (11), duplicateRouterId (12), noError (13)
ospfPacketType	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5), nullPacket (6)

Trigger Action:

Configuration parameters conflict with this router's configuration parameters.

Recommended Action:

Please describe the recommended action.

7. ospfVirtIfConfigError

OID of this trap is:

1.3.6.1.2.1.14.16.2.6

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtIfAreaId	AreaID	
ospfVirtIfNeighbor	RouterID	
ospfConfigErrorType	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch(5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), mtuMismatch (11), duplicateRouterId (12), noError (13)
ospfPacketType	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5), nullPacket (6)

Trigger Action:

Configuration parameters conflict with this router's configuration parameters.

Recommended Action:

No action is required.

8. ospflfAuthFailure

OID of this trap is:

1.3.6.1.2.1.14.16.2.6

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfIfIpAddress	IpAddress	
ospfAddressLessIf	InterfaceIndexOrZero	
ospfPacketSrc	IpAddress	
ospfConfigErrorType	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch(5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), mtuMismatch (11), duplicateRouterId (12), noError (13)
ospfPacketType	INTEGER	hello (1), dbDescript (2), lsReq (3), lsUpdate (4), lsAck (5), nullPacket (6)

Trigger Action:

Authentication key or authentication type conflicts with this router's authentication key or authentication type.

Recommended Action:

Modify the configuration.

9. ospfVirtIfAuthFailure

OID of this trap is:

1.3.6.1.2.1.14.16.2.7

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtIfAreaId	AreaID	
ospfVirtIfNeighbor	RouterID	
ospfConfigErrorType	INTEGER	badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch(5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), mtuMismatch (11), duplicateRouterId (12), noError (13)
ospfPacketType	INTEGER	hello (1), dbDescript (2), lsReq (3), lsUpdate (4), lsAck (5), nullPacket (6)

Trigger Action:

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

Recommended Action:

Modify the configuration.

10. ospflfRxBadPacket

OID of this trap is:

1.3.6.1.2.1.14.16.2.8

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospflfIpAddress	IpAddress	
ospfAddressLessIf	InterfaceIndexOrZero	
ospfPacketSrc	IpAddress	
ospfPacketType	INTEGER	hello (1), dbDescript (2), lsReq (3), lsUpdate (4), lsAck (5), nullPacket (6)

Trigger Action:

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

Recommended Action:

No action is required.

11. ospfVirtIfRxBadPacket

OID of this trap is:

1.3.6.1.2.1.14.16.2.9

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtIfAreaId	AreaID	
ospfVirtIfNeighbor	RouterID	
ospfPacketType	INTEGER	hello (1), dbDescript (2), lsReq (3), lsUpdate (4), lsAck (5), nullPacket (6)

Trigger Action:

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

Recommended Action:

No action is required.

12. ospfTxRetransmit

OID of this trap is:

1.3.6.1.2.1.14.16.2.10

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfIfIpAddress	IpAddress	
ospfAddressLessIf	InterfaceIndexOrZero	
ospfNbrRtrId	RouterID	
ospfPacketType	INTEGER	hello (1), dbDescript (2), lsReq (3), lsUpdate (4), lsAck (5), nullPacket (6)
ospfLsdbType	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7), areaOpaqueLink (10)
ospfLsdbLsid	IpAddress	
ospfLsdbRouterId	RouterID	

Trigger Action:

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

Recommended Action:

No action is required.

13. ospfVirtIfTxRetransmit

OID of this trap is:

1.3.6.1.2.1.14.16.2.11

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtIfAreaId	AreaID	
ospfVirtIfNeighbor	RouterID	
ospfPacketType	INTEGER	hello (1), dbDescript (2), IsReq (3), IsUpdate (4), IsAck (5), nullPacket (6)
ospfLsdbType	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7), areaOpaqueLink (10)

Trigger Action:

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

Recommended Action:

No action is required.

14. ospfOriginateLsa

OID of this trap is:

1.3.6.1.2.1.14.16.2.12

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfLsdbAreaId	AreaID	
ospfLsdbType	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7), areaOpaqueLink (10)
ospfLsdbLsid	IpAddress	
ospfLsdbRouterId	RouterID	

Trigger Action:

This trap should not be invoked for simple refreshes of LSAs (which happens every 30 minutes), but instead will only be invoked when an LSA is (re)originated due to a topology change. Additionally, this trap does not include LSAs that are being flushed because they have reached MaxAge.

Recommended Action:

No action is required.

15. ospfMaxAgeLsa

OID of this trap is:

1.3.6.1.2.1.14.16.2.13

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfLsdbAreaId	AreaID	
ospfLsdbType	INTEGER	routerLink (1), networkLink (2), summaryLink (3), asSummaryLink (4), asExternalLink (5), multicastLink (6), nssaExternalLink (7), areaOpaqueLink (10)
ospfLsdbLsid	IpAddress	
ospfLsdbRouterId	RouterID	

Trigger Action:

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

Recommended Action:

No action is required.

16. ospfLsdbOverflow

OID of this trap is:

1.3.6.1.2.1.14.16.2.14

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfExtLsdbLimit	Integer32	(-1..'7FFFFFFF'h)

Trigger Action:

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

Recommended Action:

Reduce the LSA number.

17. ospfLsdbApproachingOverflow

OID of this trap is:

1.3.6.1.2.1.14.16.2.15

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfExtLsdbLimit	Integer32	(-1..'7FFFFFFF'h)

Trigger Action:

The number of LSAs in the router's ink state database has exceeded ninety

percent of ospfExtLsdbLimit.

Recommended Action:

Reduce the LSA number.

18. ospfIfStateChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.16

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

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

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfIfIpAddress	IpAddress	
ospfAddressLessIf	InterfaceIndexOrZero	
ospfIfState	INTEGER	down (1), loopback (2), waiting (3), pointToPoint (4), designatedRouter (5), backupDesignatedRouter (6), otherDesignatedRouter (7)

Trigger Action:

This trap should be generated when the interface state regresses.

Recommended Action:

No action is required.

19. ospfNssaTranslatorStatusChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.17

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

An ospfNssaTranslatorStatusChange trap indicates that there has been a change in the router's ability to translate OSPF type-7 LSAs into OSPF type-5 LSAs.

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfAreaId	AreaID	
ospfAreaNssaTranslatorState	INTEGER	enabled (1), elected (2), disabled (3)

Trigger Action:

This trap should be generated when the translator status transitions from or to any defined status on a per-area basis.

Recommended Action:

No action is required.

20. ospfRestartStatusChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.18

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

An ospfRestartStatusChange trap signifies that there has been a change in the graceful restart status for the router.

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfRestartStatus	INTEGER	notRestarting (1), plannedRestart (2), unplannedRestart (3)
ospfRestartInterval	Integer32	(1..1800)
ospfRestartExitReason	INTEGER	none (1), inProgress (2), completed (3), timedOut (4), topologyChanged (5)

Trigger Action:

This trap should be generated when the router restart status changes.

Recommended Action:

No action is required.

21. ospfNbrRestartHelperStatusChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.19

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

An ospfNbrRestartHelperStatusChange trap signifies that here has been a change in the graceful restart helper state for the neighbor. This trap should be generated when the neighbor restart helper status transitions for a neighbor.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfNbrIpAddr	IpAddress	
ospfNbrAddressLessIndex	InterfaceIndexOrZero	
ospfNbrRtrId	RouterID	
ospfNbrRestartHelperStatus	INTEGER	notHelping (1), helping (2)
ospfNbrRestartHelperAge	Unsigned32	
ospfNbrRestartHelperExitReason	INTEGER	none (1), inProgress (2), completed (3), timedOut (4), topologyChanged (5)

Trigger Action:

This trap should be generated when the neighbor restart helper status transitions for a neighbor.

Recommended Action:

No action is required.

22. ospfVirtNbrRestartHelperStatusChange

OID of this trap is:

1.3.6.1.2.1.14.16.2.20

Module of MIB:

OSPF-TRAP-MIB

MIB file:

rfc4750-ospf-trap.mib

Description:

An ospfVirtNbrRestartHelperStatusChange trap signifies that there has been a change in the graceful restart helper state for the virtual neighbor. This trap should be generated when the virtual neighbor restart helper status transitions for a virtual neighbor.

Object Name	Object Type	ObjectValueScope
-------------	-------------	------------------

Object Name	Object Type	ObjectValueScope
ospfRouterId	RouterID	
ospfVirtNbrArea	AreaID	
ospfVirtNbrRtrId	RouterID	
ospfVirtNbrRestartHelperStatus	INTEGER	notHelping (1), helping (2)
ospfVirtNbrRestartHelperAge	Unsigned32	

Trigger Action:

This trap should be generated when the virtual neighbor restart helper status transitions for a virtual neighbor.

Recommended Action:

No action is required.

23. bgpEstablishedNotification

OID of this trap is:

1.3.6.1.2.1.15.0.1

Module of MIB:

BGP4-MIB

MIB file:

rfc4273-bgp4.mib

Description:

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

Object Name	Object Type	ObjectValueScope
bgpPeerRemoteAddr (1.3.6.1.2.1.15.3.1.7)	DisplayString	IPv4 Address
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.

24. bgpBackwardTransNotification

OID of this trap is:

1.3.6.1.2.1.15.0.2

Module of MIB:

BGP4-MIB

MIB file:

rfc4273-bgp4.mib

Description:

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

Object Name	Object Type	ObjectValueScope
bgpPeerRemoteAddr (1.3.6.1.2.1.15.3.1.7)	DisplayString	IPv4 Address
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.

25. bgpEstablished

OID of this trap is:

1.3.6.1.2.1.15.7.1

Module of MIB:

BGP4-MIB

MIB file:

rfc4273-bgp4.mib

Description:

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

Object Name	Object Type	ObjectValueScope
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.

26. bgpBackwardTransition

OID of this trap is:

1.3.6.1.2.1.15.7.2

Module of MIB:

BGP4-MIB

MIB file:

rfc4273-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	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
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.

27.entConfigChange

OID of this notification is:

1.3.6.1.2.1.47.2.0.1

Module of MIB:

ENTITY-MIB

MIB file:

rfc2737-entity.mib

Description:

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

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

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

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

Object Name	Object Type	Object Value Scope
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N/A	N/A	N/A
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Trigger Action:

Change the value of entLastChangeTime

Recommended Action:

No action is required.

28.dot3OamThresholdEvent

OID of this trap is:

1.3.6.1.2.1.158.0.1

Module of MIB:

DOT3-OAM-MIB

MIB file:

rfc4878-dot3-oam.mib

Description:

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

Object Name	Object Type	ObjectValueScope
-------------	-------------	------------------

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

Trigger Action:

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

Recommended Action:

Check the link.

29.dot3OamNonThresholdEvent

OID of this trap is:

1.3.6.1.2.1.158.0.2

Module of MIB:

DOT3-OAM-MIB

MIB file:

rfc4878-dot3-oam.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

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

30. coldStart

OID of this notification is:

1.3.6.1.6.3.1.1.5.1

Module of MIB:

SNMPv2-MIB

MIB file:

rfc3418-snmpv2.mib

Description:

A coldStart notification 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.

31. warmStart

OID of this notification is:

1.3.6.1.6.3.1.1.5.2

Module of MIB:

SNMPv2-MIB

MIB file:

rfc3418-snmpv2.mib

Description:

A warmStart notification 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.

32. linkDown

OID of this notification is:

1.3.6.1.6.3.1.1.5.3

Module of MIB:

IF-MIB

MIB file:

rfc2233-if.mib

Description:

A linkDown notification 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.

33. linkUp

OID of this notification is:

1.3.6.1.6.3.1.1.5.4

Module of MIB:

IF-MIB

MIB file:

rfc2233-if.mib

Description:

A linkDown notification 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.

34. authenticationFailure

OID of this notification is:

1.3.6.1.6.3.1.1.5.5

Module of MIB:

SNMPv2-MIB

MIB file:

rfc3418-snmpv2.mib

Description:

An authenticationFailure notification 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 notification, the snmpEnableAuthenTraps object indicates whether this notification 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.

35. dot1agCfmFaultAlarm

OID of this trap is:

1.3.111.2.802.1.1.8.0.1

Module of MIB:

IEEE8021-CFM-MIB

MIB file:

ieee8021-cfm.mib

Description:

A MEP has a persistent defect condition. A notification (fault alarm) is sent to the management entity with the OID of the MEP that has detected the fault. Whenever a MEP has a persistent defect, it may or may not generate a Fault Alarm to warn the system administrator of the problem, as controlled by the MEP Fault Notification Generator State Machine and associated Managed objects. Only the highest-priority defect, as shown in Table 20-1, is reported in the Fault Alarm.

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

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

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

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

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

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

Trigger Action:

A MEP has a persistent defect condition.

Recommended Action:

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

Private Notifications

1. hh3cCfgManEventlog

OID of this notification 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 checks the configuration. If the current configuration has been changed in 10 minutes, a notification will be sent.

Object Name	Object Type	Object Value Scope
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:

If the device has been configured in 10 minutes, the notification will be sent.

Recommended Action:

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

2. hh3cCfgOperateCompletion

OID of this notification 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	Object Value Scope
hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	ConfigOperatio nType	INTEGER { running2Startup(1), startup2Running(2), running2Net(3), net2Running(4), net2Startup(5), startup2Net(6) }
hh3cCfgOperateTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.5)	TimeTicks	

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

Trigger Action:

When creating hh3cCfgOperateTable successfully, the notification may be generated.

Recommended Action:

No action is required.

3. hh3cCfglInvalidConfigFile

OID of this notification 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	Object Value Scope
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hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	ConfigOperationType	net2Running(4), net2Startup(5),
hh3cCfgOperateFileName (1.3.6.1.4.1.25506.2.4.1.2.4.1.4)	DisplayString	OCTET STRING (1..128)

Trigger Action:

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

Recommended Action:

Make sure the configuration file is correct.

4. 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
hh3cFlhOperStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1.9)	Hh3cFlashOper ationStatus	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),opDeleteO perationError(23),opDeleteInvalidFileN ame(24), opDeleteDeviceBusy(25), opDeleteParaError(26), opDeleteInvalidPath(27)

Trigger Action:

The completion of a flash copy operation if hh3cFlhOperEndNotification is true

Recommended Action:

No action is required.

5. hh3cEntityExtTemperatureThresholdNotification

OID of this notification 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	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	
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 environmental alarms fan and filter determine the reason and rectify the problem.

6. hh3cEntityExtCpuUsageThresholdNotification**OID of this notification is:**

1.3.6.1.4.1.25506.2.6.2.0.4

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

We send the notification every 60 seconds until the CPU usage of the module goes down below the upper limit.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6)	INTEGER	Integer32
hh3cEntityExtCpuUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7)	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	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:

An entity's CPU usage goes over the upper limit

Recommended Action:

No action is required.

7. hh3cEntityExtMemUsageThresholdNotification

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.5

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The memory usage of the module is higher than the value of hh3cEntityExtMemUsageThreshold. Only support Module Level1.

We send the notification every 60 seconds until the memory usage of the module goes down below the upper limit.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8)	INTEGER	Integer32
hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9)	INTEGER	Integer32
hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10)	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	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:

An entity’s memory usage goes over the upper limit

Recommended Action:

No action is required

8. hh3cEntityExtOperEnabled

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.6

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the entity is operable at present.

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

Trigger Action:

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

Recommended Action:

No action is required.

9. hh3cEntityExtOperDisabled

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.7

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the entity is not operable at present.

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

Trigger Action:

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

Recommended Action:

No action is required.

10. hh3cEntityExtCriticalTemperatureThresholdNotification

OID of this notification 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 .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".

11. hh3cEntityExtSFPAlarmOn

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.9

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

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

12. hh3cEntityExtSFPAlarmOff

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.10

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification is generated when the SFP module restores to normal status.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1)	INTEGER	Integer32
hh3cEntityExtErrorStatus	INTEGER	Integer32
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.5)	Hh3cAlarmStatus	BITS {notSupported(0), underRepair(1), critical(2), major(3), minor(4), alarmOutstanding(5), warning(6), indeterminate(7)}

Trigger Action:

The SFP module restores to normal status.

Recommended Action:

No action is required.

13. hh3cEntityExtSFPhony

OID of this notification 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 notification is generated periodically after a phony module has been found.

Object Name	Object Type	Object Value Scope
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.

14. hh3cEntityInsert

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.12

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

Object Name	Object Type	Object Value Scope
entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.1.2)	SnmpAdminString	

Trigger Action:

When a removable entity is inserted to device.

Recommended Action:

No action is required.

15. hh3cEntityRemove

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.13

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

Object Name	Object Type	Object Value Scope
entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.1.2)	SnmpAdminString	

Trigger Action:

When a removable entity is removed from device.

Recommended Action:

No action is required.

16. hh3cEntityExtForcedPowerOff

OID of this notification 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 notification indicates the entity is forced to power off.

Object Name	Object Type	Object Value Scope
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.

17. hh3cEntityExtForcedPowerOn

OID of this notification 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 notification indicates the entity is forced to power on.

Object Name	Object Type	Object ValueScope
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)
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.

18. hh3cEntityExtFaultAlarmOn

OID of this notification 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 notification indicates a fault occurs on the specified entity.

Object Name	Object Type	Object Value Scope
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.

19. hh3cEntityExtFaultAlarmOff

OID of this notification 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 notification indicates a fault disappears on the specified entity.

Object Name	Object Type	Object Value Scope
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.

20. hh3cEntityExtResourceLack

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.18

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

Object Name	Object Type	Object Value Scope
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)
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Trigger Action:

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

Recommended Action:

Check the specified resource on the entity.

21. hh3cEntityExtResourceEnough

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.19

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

No action is required.

22. hh3cEntityExtTemperatureLower

OID of this notification 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 notification 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	Object Value Scope
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".

23. hh3cEntityExtTemperatureTooUp**OID of this notification 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 notification 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	Object Value Scope
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".

24. hh3cEntityExtTemperatureNormal

OID of this notification 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 notification indicates the temperature of a specified entity recover from abnormal status.

Object Name	Object Type	Object Value Scope
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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	
hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13)	INTEGER	
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2)	Hh3cAdminState	INTEGER {notSupported(1), locked(2), shuttingDown(3), unlocked(4)}

Trigger Action:

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

Recommended Action:

No action is required.

25. hh3cEntityExternalAlarmOccur

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.23

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

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

Trigger Action:

The monitored device connected to the specified entity fails.

Recommended Action:

Check the monitored device connected to the specified entity.

26. hh3cEntityExternalAlarmRecover

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.24

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

No action is required.

27. hh3cEntityExtCpuUsageThresholdRecover

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.25

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the CPU usage descends the threshold.

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

Trigger Action:

The CPU usage descends the threshold.

Recommended Action:

No action is required.

28. hh3cEntityExtMemUsageThresholdRecover

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.26

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the memory usage descends the threshold.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8)	INTEGER	0..100
hh3cEntityExtMemUsageThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9)	INTEGER	0..100

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

Trigger Action:

The memory usage descends the threshold.

Recommended Action:

No action is required.

29. hh3cEntityExtMemAllocatedFailed

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.27

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the memory allocated failed.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1.1)	INTEGER	
hh3cEntityExtTrapDescription (1.3.6.1.4.1.25506.2.6.2.1.1)	SnmpAdminString	

Trigger Action:

Memory allocated failed.

Recommended Action:

No action is required.

30. hh3cEntityExtECCParityAlarm

OID of this notification is:

1.3.6.1.4.1.25506.2.6.2.0.28

Module of MIB:

HH3C-ENTITY-EXT-MIB

MIB file:

hh3c-entity-ext.mib

Description:

The notification indicates the ECC(Error Correction Code) parity error alarm.

Object Name	Object Type	Object Value Scope
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1)	INTEGER	
hh3cEntityExtECCParityAlarmStatus (1.3.6.1.4.1.25506.2.6.2.1.2)	INTEGER	INTEGER{other(1), l1cache(2), l2cache(3), sdram(4), mac(5), tcam(6), ingressbuffer(7), egressbuffer(8), lpm(9), controlmemory(10)}
hh3cEntityExtTrapDescription (1.3.6.1.4.1.25506.2.6.2.1.1)	SnmpAdminString	

Trigger Action:

The ECC(Error Correction Code) parity error alarm.

Recommended Action:

No action is required.

31. 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.

32. hh3cStormRising

OID of this trap is:

1.3.6.1.4.1.25506.2.66.3.1

Module of MIB:

HH3C-STORM-CONSTRAIN-MIB

MIB file:

hh3c-storm-constrain.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

Check the flux of the interface.

33. hh3cStormFalling

OID of this trap is:

1.3.6.1.4.1.25506.2.66.3.2

Module of MIB:

HH3C-STORM-CONSTRAIN-MIB

MIB file:

hh3c-storm-constrain.mib

Description:

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

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

Trigger Action:

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

Recommended Action:

No action is required.

34. hh3cMACInformationChangedTrapExt

OID of this trap is:

1.3.6.1.4.1.25506.2.87.1.4.0.1

Module of MIB:

HH3C-MAC-INFORMATION-MIB

MIB file:

hh3c-mac-information.mib

Description:

The notification represents that the changed MAC information in device.

Object Name	Object Type	Object Value Scope
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Object Name	Object Type	Object Value Scope
hh3cMACInfoTrapVerExt (1.3.6.1.4.1.25506.2.87.1.4.2.1)	Unsigned32	
hh3cMACInfoTrapIndexExt (1.3.6.1.4.1.25506.2.87.1.4.2.2)	Unsigned32	
hh3cMACInfoTrapCountExt (1.3.6.1.4.1.25506.2.87.1.4.2.3)	Unsigned32	
hh3cMACInfoTrapMsgExt (1.3.6.1.4.1.25506.2.87.1.4.2.4)	OCTET STRING	1..254

Trigger Action:

The trap occurs whenever MAC address table is changed.

Recommended Action:

No action is required.

35. hh3cStackPortLinkStatusChange

OID of this notification is:

1.3.6.1.4.1.25506.2.91.6.0.1

Module of MIB:

HH3C-STACK-MIB

MIB file:

hh3c-stack.mib

Description:

The notification indicates that the link status of the stack port has changed.

Object Name	Object Type	ObjectValueScope
hh3cStackMemberID (1.3.6.1.4.1.25506.2.91.2.1.1)	Integer32	
hh3cStackPortIndex (1.3.6.1.4.1.25506.2.91.4.1.1)	Integer32	
hh3cStackPortStatus (1.3.6.1.4.1.25506.2.91.4.1.3)	INTEGER	up(1), down(2), silent(3), disabled(4)

Trigger Action:

Link status of the stack port has changed.

Recommended Action:

No action is required.

36. hh3cStackTopologyChange

OID of this notification is:

1.3.6.1.4.1.25506.2.91.6.0.2

Module of MIB:

HH3C-STACK-MIB

MIB file:

hh3c-stack.mib

Description:

The notification indicates that the topology type of the stack has changed.

Object Name	Object Type	ObjectValueScope
hh3cStackTopology (1.3.6.1.4.1.25506.2.91.1.7)	INTEGER	chainConn(1), ringConn(2)

Trigger Action:

Topology type of the stack has changed.

Recommended Action:

No action is required.

37. hh3cLpbkdtTrapLoopbacked

OID of this notification is:

1.3.6.1.4.1.25506.2.95.1.0.1

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

Trap message is generated when the interface is looped.

Object Name	Object Type	Object Value Scope
-------------	-------------	--------------------

ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER32	Its value ranges between 1 and the value of ifNumber.
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	The string is no more than 80 characters.

Trigger Action:

The trap occurs whenever the interface is looped.

Recommended Action:

No action is required.

38. hh3cLpbkdtTrapRecovered**OID of this notification is:**

1.3.6.1.4.1.25506.2.95.1.0.2

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

Trap message is generated when the loops on the interface are eliminated.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER32	Its value ranges between 1 and the value of ifNumber.
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	The string is no more than 80 characters.

Trigger Action:

The trap occurs whenever the loops on the interface are eliminated.

Recommended Action:

No action is required.

39. hh3cLpbkdtTrapPerVlanLoopbacked**OID of this notification is:**

1.3.6.1.4.1.25506.2.95.1.0.3

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

Trap message is generated when the interface is looped in the VLAN.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER32	Its value ranges between 1 and the value of ifNumber.
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	The string is no more than 80 characters.
hh3cLpbkdtVlanID (1.3.6.1.4.1.25506.2.95.2.1)	INTEGER32	As per MIB

Trigger Action:

The trap occurs whenever the interface is looped in the VLAN.

Recommended Action:

No action is required.

40. hh3cLpbkdtTrapPerVlanRecovered**OID of this notification is:**

1.3.6.1.4.1.25506.2.95.1.0.4

Module of MIB:

HH3C-LPBKDT-MIB

MIB file:

hh3c-lpbkdt.mib

Description:

Trap message is generated when the loop on the interface is eliminated in the VLAN.

Object Name	Object Type	Object Value Scope
ifIndex (1.3.6.1.2.1.2.2.1.1)	INTEGER32	Its value ranges between 1 and the value of ifNumber.
ifDescr (1.3.6.1.2.1.2.2.1.2)	OCTET STRING	The string is no more than 80 characters.
hh3cLpbkdtVlanID (1.3.6.1.4.1.25506.2.95.2.1)	INTEGER32	As per MIB

Trigger Action:

The trap occurs whenever the loop on the interface is eliminated in the VLAN.

Recommended Action:

No action is required.

41. hh3cDldp2TrapUniLink

OID of this trap is:

1.3.6.1.4.1.25506.2.117.4.0.1

Module of MIB:

HH3C-DLDP2-MIB

MIB file:

hh3c-dldp2.mib

Description:

This trap is generated when DLDP detects a unidirectional link, ifIndex and ifDescr identify the port.

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:

Unidirectional link occurs on the port.

Recommended Action:

Shut down the port and check the unidirectional link to restore the unidirectional link to bidirectional.

42. hh3cDldp2TrapBidLink

OID of this trap is:

1.3.6.1.4.1.25506.2.117.4.0.2

Module of MIB:

HH3C-DLDP2-MIB

MIB file:

hh3c-dldp2.mib

Description:

This trap is generated when DLDP detects a bidirectional link, ifIndex and ifDescr identify the port.

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

Trigger Action:

The link of the port recovers to bidirectional.

Recommended Action:

No action is required.

43. 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.

44. 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.

45. 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.

46. 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.

47. hh3cAggPortInactiveNotification2

OID of this trap is:

1.3.6.1.4.1.25506.8.25.2.3

Module of MIB:

HH3C-LAG-MIB

MIB file:

hh3c-lag.mib

Description:

This event will be triggered whenever the port in aggregator is made inactive.

Object Name	Object Type	ObjectValueScope
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	Integer32	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.

48. hh3cAggPortActiveNotification

OID of this trap is:

1.3.6.1.4.1.25506.8.25.2.4

Module of MIB:

HH3C-LAG-MIB

MIB file:

hh3c-lag.mib

Description:

This event will be triggered whenever the port in aggregator is made active.

Object Name	Object Type	ObjectValueScope
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	Integer32	1..2048
hh3cAggPortIndex (1.3.6.1.4.1.25506.8.25.1.2.1.1)	Gauge32	

Trigger Action:

When the port in aggregator is made active.

Recommended Action:

No action is required.

49. hh3cpowerfailure

OID of this notification 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 notification will be generated.

Object Name	Object Type	Object Value Scope
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hh3cDevMPowerNum (1.3.6.1.4.1.25506.8.35.9.1.2.1.1)	INTEGER	
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Trigger Action:

There is something wrong with the power

Recommended Action:

Check and fix the power module.

50. hh3cPowerNormal**OID of this notification 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 notification will be generated.

Object Name	Object Type	Object Value Scope
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.

51. hh3cPowerRemoved**OID of this notification 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 notification will be sent.

Object Name	Object Type	Object Value Scope
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.

52.hh3cfanfailure**OID of this notification 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 on the device is failure. It means that if the fan on the device fails to work well, the notification will be sent.

Object Name	Object Type	Object Value Scope
hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1.1)	INTEGER	

Trigger Action:

The fan runs failure or be removed from its slot

Recommended Action:

Insert a fan which works well into its slot.

53.hh3cFanNormal**OID of this notification 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 notification will be generated.

Object Name	Object Type	Object Value Scope
hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1.1)	INTEGER	

Trigger Action:

The fan recovers from failure or insert a fan into a fan slot.

Recommended Action:

No action is required.

54. hh3cBoardRemoved**OID of this notification 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 notification will be generated.

Object Name	Object Type	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

Remove a slave or IO board from its slot

Recommended Action:

Check the board and insert it back to its slot.

55. hh3cBoardInserted

OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

Insert a slave or IO board to a slot

Recommended Action:

No action is required.

56. hh3cBoardFailure

OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

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.

57. hh3cBoardNormal

OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

Insert a slave or IO board and wait a while

Recommended Action:

No action is required.

58. hh3cSubcardRemove

OID of this notification is:

1.3.6.1.4.1.25506.8.35.12.1.12

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this notification when a subcard is removed from a subslot.

Object Name	Object Type	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.
hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1)	Integer32	between the minimal Index and the maximal index of subslot.

Trigger Action:

Remove a subcard from a subslot.

Recommended Action:

Check the subcard module and insert it back to its slot.

59. hh3cSubcardInsert**OID of this notification is:**

1.3.6.1.4.1.25506.8.35.12.1.13

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

Send this notification when a subcard is inserted into a subslot.

Object Name	Object Type	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.
hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1)	Integer32	between the minimal Index and the maximal index of subslot.

Trigger Action:

Insert a subcard into a subslot.

Recommended Action:

No action is required.

60. hh3cRequestLoading

OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

Insert an IO board into its slot

Recommended Action:

No action is required.

61. hh3cLoadFailure

OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

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.

62. hh3cLoadFinished**OID of this notification 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	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

Insert an IO board to its slot and wait for a while.

Recommended Action:

No action is required.

63. hh3cPowerInserted**OID of this notification 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	Object Value Scope
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.

64. hh3cBootImageUpdated

OID of this notification is:

1.3.6.1.4.1.25506.8.35.12.1.24

Module of MIB:

HH3C-LswTRAP-MIB

MIB file:

hh3c-splat-trap.mib

Description:

This notification node indicates that the boot image of specified board is updated.

Object Name	Object Type	Object Value Scope
hh3cLswFrameIndex (1.3.6.1.4.1.25506.8.35.18.4.2.1.1)	Integer32	between the minimal Index and the maximal index of frame.
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	Integer32	between the minimal Index and the maximal index of slot.

Trigger Action:

The boot image of specified board is updated, the notification will be generated.

Recommended Action:

No action is required.

65. hh3cPortMstiStateForwarding

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.1

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a port turns into forwarding state from other state.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..4094
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

STP's state machine is recalculated.

Recommended Action:

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

66. hh3cPortMstiStateDiscarding

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.2

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a port turns into discarding state from forwarding state.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..4094
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

STP's state machine is recalculated.

Recommended Action:

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

67.hh3cBridgeLostRootPrimary

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.3

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when the bridge is no longer the root bridge of the instance. Another switch with higher priority has already been the root bridge of the instance.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..4094

Trigger Action:

The bridge is no longer the root bridge of the instance

Recommended Action:

Check the bridge priority configuration and possible attacks from other devices.

68. hh3cPortMstiRootGuarded

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.4

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when a root-guard port receives a superior message on the relevant instance.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..4094
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

A root-guard port receives a superior message on the relevant instance

Recommended Action:

Check the bridge priority configuration and possible attacks from other devices.

69. hh3cPortMstiBpduGuarded

OID of this trap is:

1.3.6.1.4.1.25506.8.35.14.0.5

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when an edged port of the BPDU-guard switch receives BPDU packets.

Object Name	Object Type	ObjectValueScope
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Object Name	Object Type	ObjectValueScope
dot1dStpPort (1.3.6.1.2.1.17.2.15.1.1)	INTEGER	1..65535

Trigger Action:

An edged port of the BPDU-guard switch receives BPDU packets

Recommended Action:

Check whether the downstream devices are terminals and check for possible attacks from other devices.

70.hh3cPortMstiLoopGuarded**OID of this trap is:**

1.3.6.1.4.1.25506.8.35.14.0.6

Module of MIB:

HH3C-LswMSTP-MIB

MIB file:

hh3c-splat-mstp.mib

Description:

The SNMP trap that is generated when an Alternate-Port or Root-Port is aged out.

Object Name	Object Type	ObjectValueScope
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	INTEGER	0..4094
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	INTEGER	

Trigger Action:

An Alternate-Port or Root-Port is aged out.

Recommended Action:

Check the STP status of the upstream device and possible attacks from other devices.

71.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.