

Comware V7 5900&5920&5930 Switch

MIB Companion

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I Revision History

Revision	Date	Author	Reason for Change
0.01	2011-07-07	Jinzhaongi songhao	COMWAREV700R001B19D001 First Draft, based on COMWARE V7 Platform MIB companion V0.05.
0.02	2011-7-19	Yuxiaofeng	COMWAREV700R001B20D001 Modified descriptions of sysDescr and sysObjectID by tanxiaopeng 08096 for LPD12818.
	2011-07-27	songhao	Modified description of ipDefaultTTL, ipInDelivers, ipOutRequests, ipReasmTimeout, ipReasmReqds, ipReasmOKs, ipFragOKs, ipFragCreates, ipRoutingDiscards, hh3cRelatedEntityIndex, hh3cEntityExtPowerPhysicalIndex, hh3cEntityExtNominalPower, hh3cEntityExtCurrentPower, hh3cEntityExtAveragePower, hh3cEntityExtPeakPower, hh3cCfgExecuteOperateResultEntryLimit and ifOutQLen for LPD13677 LPD13678, LPD13661, LPD13712 and LPD13711 by tanxiaopeng 08096
0.03	2011-08-17	Yuhua	COMWAREV700R001B21D001 1. Added HH3C-STACK-MIB by wangxiangyang 03763. 2. Added LLDP-MIB, LLDP-EXT-DOT3-MIB, LLDP-EXT-MED-MIB, LLDP-EXT-DOT1-MIB by zhangwei 05891.
0.04	2011-09-06	songhao	COMWAREV700R001B22D001 Supported HPE 5900&5920&5930 for LPD15918 by jinzhaogong 00755.
0.05	2011-09-14	songhao	COMWAREV700R001B23D001 1. Added SFLOW-MIB by jiangshuaihua 05223 for LPD16356. 2. Modified description of sysObjectID by xvman 07895 for LPD17326.
0.06	2011-10-25	songhao	COMWAREV700R001B24D001 Added interfaces Group by xiedong 02618 for LPD18357.
0.07	2011-11-30	songhao	COMWAREV700R001B26D001 Modified description of ENTITY-MIB, sysDescr, sysObjectID, sysName, entPhysicalAlias, entPhysicalAssetID, ifInUnknownProtos,

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Revision	Date	Author	Reason for Change
			ifOutDiscards and ifOutErrors by xvman 07895 for LPD21212.
0.08	2012-01-12	songhao	<p>COMWAREV700R001B27D001</p> <p>1. Added HH3C-IP-ADDRESS-MIB, HH3C-LswINF-MIB, HH3C-LswMAM-MIB, Q-BRIDGE-MIB, added ipNetToMediaTable and atTable to RFC1213-MIB by mengli 06606 for LPD23846.</p> <p>2. Added HH3C-LAG-MIB, IEEE8023-LAG-MIB by wanyi 05490 for LPD23208.</p> <p>3. Added BRIDGE-MIB, P-BRIDGE-MIB, Q-BRIDGE-MIB, HH3C-LswINF-MIB, HH3C-STORM-CONSTRAIN-MIB, HH3C-IF-EXT-MIB, HH3C-LswMSTP-MIB, HH3C-LswDEVM-MIB by xiedong 02618, mengli 06606, zhangwei 05891, fanyanwen 06660 for LPD23766.</p> <p>4. Added HH3C-FLASH-MAN-MIB by lisong 06014.</p>
0.09	2012-02-14	songhao	<p>COMWAREV700R001B28D001</p> <p>Added HH3C-COMMON-SYSTEM-MIB, HH3C-LswMix-MIB, HH3C-LSW-DEV-ADM-MIB and HH3C-TRANSCEIVER-INFO-MIB.</p> <p>Added hh3cdevMFanStatusTable and hh3cdevMPowerStatusTable in HH3C-LswDEVM-MIB.</p> <p>Added hh3cWriteSuccessTrap, hh3cWriteFailureTrap, hh3cRebootSendTrap, hh3cSysColdStartTrap, hh3cSysWarmStartTrap, hh3cSlaveSwitchOver by fanyanwen 06660.</p>
0.10	2012-02-23	songhao	<p>COMWAREV700R001B29D001</p> <p>1. Modified description of dot3adAggPortActorAdminState and dot3adAggPortPartnerAdminState by wanyi 05490 for LPD25945.</p> <p>2. Added BGP4-MIB by zhuchaopeng 02520 for LPD26654.</p> <p>3. Added hh3cdevMSlotEnvironmentTable by fanyanwen 06660 for LPD26270.</p> <p>4. Added HH3C-LswVLAN-MIB by xiedong 02618.</p> <p>5. Added HH3C-MAC-INFORMATION-MIB and dot1dTpFdbTable by mengli 06606 for LPD26850.</p>

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Revision	Date	Author	Reason for Change
			6. Added HH3C-DLDP2-MIB by guce 04152 for LPD26611. 7. Added HH3C-LPBKDT-MIB by heziqi 06012 for LPD26875.
0.11	2012-03-26	songhao	COMWAREV700R001B30D001 Added IP-FORWARD-MIB and ipRouteTable, modified description of ipRoutingDiscards by wangjiangbo 05992 for LPD27919.
0.12	2012-04-18	songhao	COMWAREV700R001B31D001 1. Added HH3C-SYS-MAN-MIB by zhangjingqiong 02031. 2. Modified description of ifDescr by xiedong 02618 for LPD30187. 3. Modified description of hh3cEntityExtTemperature, hh3cEntityExtTemperatureThreshold and hh3cEntityExtCurrentPower, removed hh3cEntityExtMemAllocatedFailed, hh3cEntityExtECCParityAlarm, hh3cMasterPowerNormal, hh3cSlavePowerNormal, hh3cBackBoardModeSetFailure and hh3cBackBoardModeSetOK by fanyanwen 06660 for LPD30116. 4. 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. 5. Modified description of hh3cdot1sMstRegionConfActive by zhangwei 05891 for LPD30185.

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Revision	Date	Author	Reason for Change
			<p>6. Added icmp Group in RFC1213, tcpConnTable in tcp Group, udpTable in udp Group, TCP-MIB, UDP-MIB.</p> <p>Modified description of ipForwarding, ipDefaultTTL, ipInDelivers, ipOutRequests, ipReasmTimeout, ipReasmReqds, ipReasmOKs, ipFragOKs, ipFragCreates, tcpRtoAlgorithm, tcpRtoMin, tcpRtoMax, tcpMaxConn, tcpActiveOpens, tcpPassiveOpens, tcpAttemptFails, tcpEstabResets, tcpCurrEstab, tcpRetransSegs by zhuxudong 04376 for LPD29861.</p> <p>7. Removed hh3cifComboPortTable by xiedong 02618 for LPD030911.</p> <p>8. Added FC-MGMT-MIB T11-FC-VIRTUAL-FABRIC-MIB and T11-FC-ZONE-SERVER-MIB by haoxin 06247 for LPD29326.</p> <p>9. Modified description of hh3cFlhOperType by jiangyang 08116 for LPD031057.</p> <p>10. Modified description of sysDescr by tanxiaopeng 08096 for LPD30446.</p> <p>11. Modified description of hh3cLswMpuSwitch by fanyanwen 06660 for LPD031213.</p>
0.13	2012-05-02	liuwei	<p>COMWAREV700R001B32D001</p> <p>1.Modified IldpXMedLocLocationTable by gongchenji for LPD031215.</p> <p>2.Modified description of hh3cdot1qVlanType by xiedong 02618 for LPD031542.</p>
	2012-05-13	songhao	<p>1. Added HH3C-ACL-MIB by xujunjie 05850 for LPD032034.</p> <p>2. Added IEEE8021-CFM-MIB, IEEE8021-CFM-V2-MIB by caobaowen 05897 for LPD032279.</p> <p>3. Added HH3C-TRAP-MIB by yuhua 04527.</p>
0.14	2012-05-29	songhao	<p>COMWAREV700R001B33D001</p> <p>1. Modified description of hh3cSubcardRemove, hh3cSubcardInsert, hh3cBoardTemperatureLower, hh3cBoardTemperatureFromLowerToNormal, hh3cBoardTemperatureHigher, hh3cBoardTemperatureFormHigherToNormal,</p>

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Revision	Date	Author	Reason for Change
			<p>hh3cEntityExtVoltageLowThreshold, hh3cEntityExtVoltageHighThreshold, entConfigChange by fanyanwen 06660 for LPD031784.</p> <p>2. Modified description of hh3cEntityExtCritLowerTempThresholdNotification, hh3cEntityExtTemperatureTooLow by fanyanwen 06660 for LPD031794.</p> <p>3. Added HH3C-NTP-MIB by huangshengliang 07749 for LPD034431.</p> <p>4. Added T11-FC-NAME-SERVER-MIB by zhaolili 08527 for LPD034204.</p> <p>5. Modified description and access of t11vfCoreSwitchMaxSupported, added T11-FC-ROUTE-MIB and HH3C-FCOE-MIB by haoxin 06247 for LPD031122.</p> <p>6. Added DOT3-OAM-MIB by caobaowen 05897 for LPD033960.</p> <p>7. Modified description of ifPromiscuousMode by xiedong 02618 for LPD034635.</p>
0.15	2012-06-05	songhao	<p>COMWAREV700R001B34D001</p> <p>1. Modified access of dot3OamEventLogIndex by caobaowen 05897 for LPD035312.</p> <p>2. Modified description of fcmPortAdminType, fcmPortAdminSpeed, t11vfPortVfld, t11vfPortTaggingAdminStatus, t11vfPortTaggingOperStatus, t11vfPortStorageType by liuyanchao 08526 for LPD035907.</p> <p>3. Modified description of hh3cifEthernetMTU by xiedong 02618 for LPD036200.</p>
0.16	2012-07-11	songhao	<p>COMWAREV700R001B35D001</p> <p>1. Added description of NPV for HH3C-FCOE-MIB, T11-FC-NAME-SERVER-MIB and T11-FC-ROUTE-MIB by wangyuqiang 08530 for LPD038819.</p> <p>2. Modified description of ospfAuthType by xujing 03216 for LPD041089.</p>
0.17	2012-08-12	songhao	<p>COMWAREV700R001B36D001</p> <p>1. Added MPLS-L3VPN-STD-MIB by wangjiangbo 05992 for LPD042380.</p> <p>2. Updated SNMP-NOTIFICATION-MIB to</p>

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Revision	Date	Author	Reason for Change
			<p>RFC3413.</p> <p>3. Modified description of IldpxMedLocXPoEDeviceType, IldpXMedLocXPoEPSEPowerSource, IldpXMedLocXPoEPDPowerReq, IldpXMedLocXPoEPDPowerSource, IldpXMedLocXPoEPDPowerPriority, removed IldpXMedLocMediaPolicyTable, IldpXMedLocXPoEPSEPortTable by kongdesheng 06828 for LPD032697.</p> <p>4. Added HH3C-IFQOS2-MIB by xunzhi 07702 for LPD043151.</p>
0.18	2012-08-29	songhao	<p>COMWAREV700R001B37D001</p> <p>1. Added RMON-MIB, RMON2-MIB, HH3C-RMON-EXT2-MIB by chenweifeng 03355 for LPD044213.</p> <p>2. Revised the OID of hh3cSysPackageTable by zhangjingqiong 02031 for LPD045295.</p> <p>3. Added hh3cFlhPartBootable and hh3cFlhPartPathForGlobalOpt by jiangyang 08116 for LPD038515.</p> <p>4. Added HH3C-MIRRORGROUP-MIB, added hh3clfQoSPortPriorityTable, hh3clfQoSPortPriorityTrustTable, hh3clfQoSPrePriMapTable in HH3C-IFQOS2-MIB by wanqing 02137 for LPD044278.</p> <p>5. Added HH3C-UI-MAN-MIB by shenjunfeng 07521 for LPD044862.</p> <p>6. Added ISIS-MIB by fengxiaodong 07304 for LPD044844.</p> <p>7. Modified description of hh3cAcIIPAcIAdvancedFlowLabel and added HH3C-TRNG2-MIB by xunzhi 07702 for LPD043151.</p> <p>8. Modified description of hh3cCfgOperateUserPassword and hh3cFlhOperPassword by jiangyang 08116 for LPD045720.</p>
0.19	2012-09-26	songhao	<p>COMWAREV700R001B38D001</p> <p>1. Updated HH3C-CONFIG-MAN-MIB to V2.4, modified description of hh3cCfgOperateState by zhangjingqiong 02031 for LPD046896 and</p>

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Revision	Date	Author	Reason for Change
			<p>LPD046998.</p> <p>2. Modified description of hh3cFlhOperType by jiangyang 08116 for LPD047934.</p> <p>3. Added EtherLike-MIB and MAU-MIB by yuhongqiang 04448 for LPD046986.</p> <p>4. Modified description of lldpTxDelay, lldpNotificationInterval and lldpXMedFastStartRepeatCount by jinyufeng 06789 for LPD044248.</p> <p>5. Added RIPv2-MIB by wangjianming 07450 for LPD048819.</p>
	2012-10-25	houyingli	Removed hh3cPeriodicalTrapInterval, hh3cPeriodicalTrapSwitch and hh3cPeriodicalTrap for LPD046965.
0.20	2012-11-21	songhao	<p>COMWAREV700R001B39D001</p> <p>1. Update HH3C-IP-ADDRESS-MIB to V1.5. Added IPV6-MIB, IPV6-TCP-MIB, IPV6-UDP-MIB, IPV6-ICMP-MIB and HH3C-IPV6-ADDRESS-MIB. Update ip group and icmp group in RFC1213-MIB by liuxibo 07431 for LPD051921.</p> <p>2. Replaced the old words with "MDC" for LPD050763.</p> <p>3. Modified description of etherStatsOwner, historyControlOwner, eventOwner and usrHistoryControlOwner by jiangyang 08116 for HSV7D000102.</p> <p>4. Corrected the wrong spellings of "false" in HH3C-LswVLAN-MIB by feixiang 09250 for HSV7D000238.</p> <p>5. Modified access of hh3cStackPortIndex by liuhaojie 07660 for HSV7D000231.</p> <p>6. Modified description of ifPhysAddress and ifPromiscuousMode by chenfangchun</p>

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Revision	Date	Author	Reason for Change
			<p>02330 for HSV7D000176 and HSV7D000185.</p> <p>7. Modified access of hh3cVlanInterfacelPAddr, hh3cVlanInterfacelPMask and hh3cVlanInterfacelPType.</p> <p>Modified description of</p> <p>hh3cVlanInterfacelPType by wangchunyang</p> <p>08886 for HSV7D000127.</p>
0.21	2012-12-12	songhao	<p>COMWAREV700R001B40D001</p> <p>1. Modified description of hh3cTrngIndex, hh3cTrngAbsoluteNameIndex, hh3cTrngAbsoluteSubIndex, hh3cTrngPeriodicNameIndex and hh3cTrngPeriodicSubIndex by xunzhi 07702 for RTV7D000162.</p> <p>2. Removed hh3clfQoSLRRunInfoTable by xujunjie 05850 for RTV7D000244.</p> <p>3. Modified wrong spellings of HH3C-LswINF-MIB by feixiang 09250 for HSV7D000230.</p> <p>4. Modified description of lldpXdot1ConfigVlanNameTxEnable and lldpXdot1ConfigProtoVlanTxEnable by kongdesheng 06828 for HSV7D000156.</p> <p>5. Modified description of atIfIndex and atPhysAddress by chenjie 07421 for LPD053192.</p> <p>6. Modified description of hh3cifIsolatePrimaryVlanID by feixiang 09250 for HSV7D000279.</p> <p>7. Added DISMAN-PING-MIB and scalar objects of HH3C-NQA-MIB by baixiaotang 07729 for LPD054171.</p> <p>8. Added VRRP-MIB, HH3C-DNS-MIB and HH3C-SSH-MIB by yanjun 07449 for LPD053941.</p>
0.22	2013-01-04	songhao	<p>COMWAREV700R001B41D001</p> <p>1. Filled tables in HH3C-NQA-MIB by baixiaotang 07729 for LPD054171.</p> <p>2. Modified description of sysContact and sysLocation by kongweida KF2974 for LPD053399.</p> <p>3. Modified description of isisSysLevelState by fengxiaodong 07304 for HSV7D000123.</p>

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Revision	Date	Author	Reason for Change
			<p>4. Added IGMP-STD-MIB by lijihua 04317 for LPD055672.</p> <p>5. Modified description of hh3cTerminalUserAuthFailureReason by shenjunfeng 07521 for HSV7D000228.</p> <p>6. Added HH3C-EVC-MIB and HH3C-VSI-MIB by yangyiran 07533 for LPD055819.</p> <p>7. Added HH3C-ARP-RATELIMIT-MIB by zhangyongchang 07742 for HSV7D001323.</p>
0.23	2013-02-07	songhao	<p>COMWAREV700R001B42D001</p> <p>1. Updated HH3C-COMMON-SYSTEM-MIB to V2.4, updated HH3C-LswINF-MIB to V3.4, updated HH3C-TRANSCEIVER-INFO-MIB to V1.3, added HH3C-INFO-CENTER-MIB, added hh3cLswSlotPktBufFree, hh3cLswSlotPktBufInit, hh3cLswSlotPktBufMin and hh3cLswSlotPktBufMiss in hh3cLswSlotTable by chenkaiping 07493 for LPD057062.</p> <p>2. Added hh3cPrivateVlanMappingTable in HH3C-LswVLAN-MIB by zhoubin 09284 for LPD056640.</p> <p>3. Modified description of mplsL3VpnNumVrfSecIllglLbIThrshExcd by zhangchenzheng 09050 for LPD057543.</p> <p>4. Added ipv6RouteNumber, ipv6DiscardedRoutes and ipv6RouteTable in IPV6-MIB, added inetCidrRouteNumber, inetCidrRouteDiscards and inetCidrRouteTable in IP-FORWARD-MIB by jinjianfan 07480 for LPD057865.</p>
0.24	2013-03-08	songhao	<p>COMWAREV700R001B43D001</p> <p>1. Modified description of hh3cCfgRunModifiedLast by lihao 08477 for LPD057720.</p> <p>2. Added HH3C-IKE-MONITOR-MIB and HH3C-IPSEC-MONITOR-V2-MIB by lishen 08319 for RTV7D001433 and RTV7D001531.</p> <p>3. Modified description of hh3cifEthernetSpeed by huhonghui 08625 for HSV7D000229.</p> <p>4. Added LLDP-V2-MIB, LLDP-EXT-DOT1-V2-MIB and LLDP-EXT-DOT3-V2-MIB by luoxuefang</p>

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Revision	Date	Author	Reason for Change
			05123 for LPD058830. 5. Modified description of hh3cdot1qVlanType and hh3cifIsolatePrimaryVlanID, modified PDS of hh3cifIsolatePrimaryVlanID hh3cifIsolateSecondaryVlanlistLow hh3cifIsolateSecondaryVlanlistHigh and hh3cPrimaryVlanID by xiedong 02618.
0.25	2013-04-07	houyingli	COMWAREV700R001B45D001 1. Modified description of vacmContextName by houyingli 08336 for RTV7D001623.
0.26	2013-04-28	songhao	1. Added RADIUS-ACC-CLIENT-MIB, RADIUS-AUTH-CLIENT-MIB, HH3C-DOMAIN-MIB, HH3C-RADIUS-MIB and HH3C-USER-MIB by luyu 05871 for LPD059710. 2. Modified description of ipNetToMediaIIndex by luolin 03472 for LPD059254. 3. Added HH3C-QOS-CAPABILITY-MIB by xunzhi 07702 for LPD060133. 4. Added IEEE8021-SPB-MIB and HH3C-SPB-MIB by jiangzhigang 03845 for LPD060338.
0.27	2013-08-30	tanxiaope ng	1. Modified description of hh3cSystemInfo by songhao 02718 for 201308130255.
0.28	2013-09-08	tanxiaope ng jinzhaoqio ng xvman	1. Modified description of pingMaxConcurrentRequests by niuxuning 07563 for 201309030098. 2. Added LLDP-EXT-DOT1-EVB-EXTENSIONS-MIB, IEEE8021-EVB-MIB and HH3C-EVB-MIB by guoxiangbin 07466 for 201309230428. 3. Added hh3cifPortProtocolStatTable of HH3C-LswINF-MIB by yangxiaoren 08498 for 201309170136. 4. Added description for hh3cdot1qTpFdbSetOperate by yanjun 07449 for 201307110270. 5. Added hh3cLswSlotRunTime to hh3cLswSlotTable by chenkaiping 07493 for 201310080219. 6. Deleted t11vVirtualSwitchTable; added HH3C-FDMI-MIB, HH3C-FC-FLOGIN-MIB, HH3C-FC-PING-MIB,

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Revision	Date	Author	Reason for Change
			<p>HH3C-FC-TRACE-ROUTE-MIB, HH3C-FCOE-MODE-MIB, HH3C-NPV-MIB, HH3C-VSAN-MIB by xuhongfei 07890 for 201310110259.</p> <p>7. Modified description of ifAlias by sunsihai 09628 for 201310140404.</p> <p>8. Added hh3cLswSlotMemRev, hh3cLswSlotPhyMemRev and hh3cLswSlotMemUsedRev by qianhaiyun 08994 for 201310250202.</p> <p>9. Added description of sysObjectID by xvman 07895 for 201311130326</p>
0.29	2014-02-10	Huyinxing Jinzhaqi ong	<p>1. Modified description of hh3cRtTabFullTrap by zhangchenzheng 09050 for 201401020551.</p> <p>2. Modified description of hh3cRtTabFullTrap by liushengcai09177 for 201401180098.</p> <p>3. Modified description of lldpV2Xdot1ConfigVidUsageDigestTxEnable by jiaxinkui 08478 for 201312300365.</p> <p>4. Modified hh3cEntityExtTemperature by tanxiaopeng 08096 for 201312110458.</p> <p>5. Added HH3C-TUNNEL-MIB, HH3C-VXLAN-MIB; Added hh3cEvcScalarGroup, hh3cEvcSrvInstCvlanIdListLow, hh3cEvcSrvInstCvlanIdListHigh of HH3C-EVC-MIB, hh3cVsiScalarGroup, hh3cVsiFloodMacTable, hh3cVsiLocalMacTable, hh3cVsiVxlanID, hh3cVsiArpSuppression, hh3cVsiFlooding, hh3cVsiLocalMacCount of HH3C-VSI-MIB; Modified description of hh3cVsiRowStatus, hh3cEvcSrvInstRowStatus by yanneng 02971 for 201403080004.</p>
0.30	2014-03-14	Tanxiaopeng	<p>1. Modified description of sysObjectID, added HPE 5900&5920&5930 by tanxiaopeng</p> <p>2. Modified description of hh3cFlhOpTable, by lisong 06014 for 201403120256</p> <p>3. Added HH3C-MPM-MIB and HH3C-LswIGSP-MIB by meihaitao 08958 for 201405140239.</p>

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Revision	Date	Author	Reason for Change
0.31	2014-03-17	huhainian	<p>1. Added HH3C-LSW-DEV-ADM-MIB, hh3cLswPortTable for TB201311130534.</p> <p>2. Modified description of FCoE, by lisisi KF4385 for 201406230477.</p> <p>3. Modified description of eee8021SpbEctStaticEntryEctAlgorithm, by zhongxuhang KF3759 for 201406260075.</p> <p>4. Modified description of hh3cDot1qVlanPriority, hh3cDot1qVlanBroadcastSuppression and hh3cPortIsolateGroupRowStatus, by xiedong 02618 for 201407170242.</p> <p>5. Modified description of isisCircLevelHelloMultiplier and isisCircLevelHelloTimer, by zouwenyu 06026 for 201408180186.</p>
	2014-10-13	meihaitao 08958	Added HH3C-MULTICAST-SNOOPING-MIB and modified description of hh3cLswIgmppsnoopingMibObject, by tanxiaopeng for 201410100023.
	2014-11-12	qujin 01926	Modified description of isisCircIflIndex, by tanxiaopeng for 201410270202.
0.32	2014-11-18	Lvhaibo	1. Added hh3cStackDomainId to HH3C-STACK-MIB for 201409240342
	2014-11-25	Wangjue 07888	Modified description of fcmLinkEnd2AgentAddress and added t11NsRegFc4DescriptorTable of T11-FC-NAME-SERVER-MIB, by tanxiaopeng for 201411040282.
	2015-03-11	yanneng 02971	Modified description of hh3cVxlanTunnelOctets and hh3cVxlanTunnelPackets of hh3cVxlanTunnelTable, by tanxiaopeng for 201503050151.
	2015-03-25	liyang 02676	Modified ipForwarding and ipDefaultTTL, by tanxiaopeng for 201503230191.
	2015-05-25	songhao 02718	Added hh3cFlhHCSIZE, hh3cFlhPartHCSpace, hh3cFlhPartHCSpaceFree, hh3cFlhFileHCSIZE, by tanxiaopeng for 201504080143.
	2015-08-12	lifuxia 09650	Added hh3cSystemWorkingMode, hh3cSystemWorkingModeTable, by tanxiaopeng for 201505290219.

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Revision	Date	Author	Reason for Change
	2015-09-29	wangyanyan 09217	Added IEEE8021-SECY-MIB, IEEE8021X-PAE-MIB, HH3C-MACSEC-MIB, by tanxiaopeng for 201509230349.
	2015-10-12	wangyanyan 09217	Modified secyTXSatable, by tanxiaopeng for 201509230349.
	2015-10-13	Zhangnan 02873	Modified ifTable, by tanxiaopeng for 201506110065.
	2016-04-06	qujin 01926	Modified ieee8021SpbEctStaticTable, by tanxiaopeng for 201603190047
	2016-07-01	gaomengfei 11208	Added hh3clfQoSHardwareQueueRunInfoTable, by tanxiaopeng for 201510240043.

ii References

About this document

This document describes Management Information Base (MIB) and objects in them, which are supported by Hewlett Packard Enterprise products. It is supposed that this document gives a guideline for usage of MIBs in Hewlett Packard Enterprise products.

Introduction

This document contains “Public MIB List” section and “Private MIB list” section.

The “Public MIB List” provides a MIB list containing the Internet standard MIBs supported by products. The “Private MIB List” provides Hewlett Packard Enterprise private MIB list.

The following chapters describe the implementation of the objects of all public and private MIBs.

At the end of document, supported traps are presented.

Consideration

Whether all MIBs listed here are supported by products

This document provides a collection of MIBs to meet the needs of HPE 5900&5920&5930 Switch series of products. However, a MIB is not necessarily supported even if it is included in a specific product software release. Some MIBs may work (The MIB objects can be read, or set from an NMS.), but they have not been verified or tested on any products.

If a MIB (or MIB object) is included in a software release but not in this document, this MIB (or MIB object) is not supported (not tested at least). If a MIB (or MIB object) can work, but is commented as “Not supported”, it is not supported (or not tested at least).

This document provides you with abundant MIBs. A MIB is supported only if the corresponding feature or function is supported. And if a MIB (table or scalar object) is not in this document, it represents that this MIB (table or scalar object) is not supported.

If a MIB is not supported or implemented, the notifications or traps (if any) of the MIB are not supported as well.

In consideration of compatibility with the lower versions and third party NMS implementation, some MIBs are deprecated and/or obsolete, but they cannot be removed from the software release.

MIBs and MIB objects may be updated (adding new ones or modification to the old ones). To get specific MIB information, refer to the newest private MIB structure and Internet Standard MIBs supported by Hewlett Packard Enterprise.

Difference between MIB and Command Line Interface (CLI)

Although you can perform configurations on the device through MIB, CLI is a basic way to make configurations on the device. In some cases, MIB operations and

CLI operations have the same effect.

There are some limits on the usage of characters at the CLI. For example, in the following CLI, space is used as a delimiter to separate sysname and AAA.

```
[HEP] sysname AAA
```

Character '?' is used as a help indicator in the CLI. If you type the character '?' in the following CLI, a help message is displayed.

For example:

```
[HPE] sysname ?
```

```
STRING<1-30> System name (1 to 30 characters)
```

Because of the limitation of the length of the CLI, some configurations for "OCTET STRING" MIB object via SNMP may not be restored at the CLI. You are recommended to take the length limitation of CLI into account when executing configurations via MIB.

If the value of a MIB object in the set operation contains special characters, such as '?' or space, you can perform the set operation via MIB, but the value of these MIB objects cannot be restored at the CLI, and information will be lost. Therefore, you are recommended to use visible characters (from 0x21 to 0x7E, except for 0x3F '?') when performing MIB operations.

Table Format of MIB Information

In this document, scalar and tabular MIB object information is presented with the following table format. The Trap object excluded from such format of table.

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

The meanings of each column of the table are listed below.

Companion

Item	Comments
'Name'	Name of the MIB object
'Access'	The ACCESS or MAX-ACCESS value as defined in MIBs.
'PDS'	<p>Permanent Data Storage. This field describes what will happen for MIB objects after device reboots.</p> <p>There are three statuses:</p> <p>'Yes': After the value of a MIB object changed, the value of MIB object was saved automatically into device, the MIB object can remain the same value after device reboots.</p> <p>'No': whatever action is done, the value of MIB object will not remain after device reboots. Please note the 'PDS' of Counter/Counter32/Counter64 MIB object should be always 'No'.</p> <p>'Current': After the value of a MIB object changed, if the value of MIB object is saved explicitly (such as via 'save' CLI command), it can remain after device reboots. Otherwise, if not save explicitly, the value of MIB object will be lost.</p>
'Description'	<p>General comments. All specific information are provided here.</p> <p>The following contents are just examples.</p> <p>'As per MIB': Just as described in the MIB.</p> <p>'Not supported': The object is not supported, although it can be operated (read and/or write). The user should not use such MIB object.</p> <p>'Product specific': The information is product specific. Although information may provided in this field for some products, we cannot assure to list all product information. To find product specific information, users can access the device via SNMP.</p>

Maintenance statement

This document is used for MIBs supported by HPE 5900&5920&5930 Switch software only. Differences between MIBs of different products must be provided. This document should not be directly delivered to end users. Relevant departments must adjust the contents of this document to fit in its requirement before delivering it to such end users.

Public MIBs list

In this section, all public MIBs supported by platform are listed.

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

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

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

Module Name	File Name	comments	MIB Version
BGP4-MIB	rfc4273-bgp4.mib		RFC4273
BRIDGE-MIB	rfc1493-bridge.mib		RFC1493
DISMAN-PING-MIB	rfc2925-disman-ping.mib		RFC2925
DOT3-OAM-MIB	rfc4878-dot3-oam.mib		RFC4878
ENTITY-MIB	rfc4133-entity.mib		RFC4133
EtherLike-MIB	rfc3635-EtherLike.mib		RFC3635
FC-MGMT-MIB	rfc4044-fc-mgmt.mib		RFC4044
IEEE8021-CFM-MIB	ieee8021-cfm.mib		IEEEP802.1aq
IEEE8021-CFM-V2-MIB	ieee8021-cfm-v2.mib		IEEE802.1Q
IEEE8021-EVB-MIB	ieee8021-evb.mib		IEEEStd 802.1Qbg-d2.2
IEEE8021-SECY-MIB	ieee8021-secy.mib		IEEE 802.1AE
IEEE8021-SPB-MIB	ieee8021-spb.mib		IEEEP802.1aq
IEEE8021X-PAE-MIB	ieee8021x-pae.mib		IEEE 802.1X
IEEE8023-LAG-MIB	ieee8023-lag.mib		IEEE8023
IF-MIB	rfc2233-if.mib		RFC2233
IGMP-STD-MIB	rfc2933-igmp-std.mib		RFC2933
IP-MIB	rfc4293-ip.mib		RFC4293
IP-FORWARD-MIB	rfc2096-ip-forward.mib		RFC2096
IPV6-MIB	rfc2465-ipv6.mib		RFC2465
IPV6-ICMP-MIB	rfc2466-ipv6-icmp.mib		RFC2466

Companion

Module Name	File Name	comments	MIB Version
IPV6-TCP-MIB	rfc2452-ipv6-tcp.mib		RFC2452
IPV6-UDP-MIB	rfc2454-ipv6-udp.mib		RFC2454
ISIS-MIB	rfc4444-isis.mib		RFC4444
LLDP-MIB	lldp.mib		IEEE8021AB
LLDP-EXT-DOT1-EVB-EXTENSIONS-MIB	lldp-ext-dot1-evb-extensions.mib		IEEEStd 802.1Qbg-d2.2
LLDP-EXT-DOT1-MIB	lldp-ext-dot1.mib		IEEE8021AB
LLDP-EXT-DOT1-V2-MIB	lldp-ext-dot1-v2.mib		IEEE Std 802.1AB -2009 IEEE Std 802.1Qaz-2011
LLDP-EXT-DOT3-MIB	lldp-ext-dot3.mib		IEEE8021AB
LLDP-EXT-DOT3-V2-MIB	lldp-ext-dot3-v2.mib		IEEEStd 802.1AB-2009
LLDP-EXT-MED-MIB	lldp-ext-med.mib		ANSI/TIA-1057
LLDP-V2-MIB	lldp-v2.mib		IEEE Std 802.1AB-2009
MAU-MIB	rfc4836-mau.mib		RFC4836
MPLS-L3VPN-STD-MIB	rfc4382-mpls-l3vpn-std.mib		RFC4382
OSPF-MIB	rfc4750-ospf.mib		RFC4750
OSPF-TRAP-MIB	rfc4750-ospf-trap.mib		RFC4750
P-BRIDGE-MIB	rfc2674-pbridge.mib		RFC2674
Q-BRIDGE-MIB	rfc2674-qbridge.mib		RFC2674
RADIUS-ACC-CLIENT-MIB	rfc2620-radius-acc-client.mib		RFC2620
RADIUS-AUTH-CLIENT-MIB	rfc2618-radius-auth-client.mib		RFC2618
RFC1213-MIB	rfc1213.mib		RFC1213
RIPv2-MIB	rfc1724-rip.mib		RFC1724
RMON-MIB	rfc2819-rmon.mib		RFC2819
RMON2-MIB	rfc4502-rmon.mib		RFC4502
SFLOW-MIB	sflow.mib		sFlow Version 5
SNMP-FRAMEWORK-MIB	rfc2571-snmp-framework.mib		RFC2571
SNMP-MPD-MIB	rfc2572-snmp-mpd.mib		RFC2572

Companion

Module Name	File Name	comments	MIB Version
SNMP-NOTIFICATION-MIB	rfc3413-snmp-notification.mib		RFC3413
SNMP-TARGET-MIB	rfc2573-snmp-target.mib		RFC2573
SNMP-USER-BASED-SM-MIB	rfc3414-snmp-usm.mib		RFC3414
SNMP-USM-AES-MIB	rfc3826-snmp-usm-aes.mib		RFC3826
SNMP-VIEW-BASED-ACM-MIB	rfc3415-snmp-vacm.mib		RFC3415
SNMPv2-TM	rfc3417-snmpv2-tm.mib		RFC3417
SNMPv2-MIB	rfc3418-snmpv2.mib		RFC3418
T11-FC-NAME-SERVER-MIB	rfc4438-t11-fc-name-server.mib		RFC4438
T11-FC-ROUTE-MIB	rfc4625-t11-fc-route.mib		RFC4625
T11-FC-VIRTUAL-FABRIC-MIB	rfc4747-t11-fc-virtual-fabric.mib		RFC4747
T11-FC-ZONE-SERVER-MIB	rfc4936-t11-fc-zone-server.mib		RFC4936
TCP-MIB	rfc4022-tcp.mib		RFC4022
UDP-MIB	rfc4113-udp.mib		RFC4113
VRRP-MIB	rfc2787-vrrp.mib		RFC2787

Private MIBs list

Module Name	File Name	comments	MIB Version
HH3C-ACL-MIB	hh3c-acl.mib		V3.1
HH3C-ARP-RATELIMIT-MIB	hh3c-arp-rate-limit.mib		V1.0
HH3C-CBQOS2-MIB	hh3c-cbqos2.mib		V1.8
HH3C-COMMON-SYSTEM-MIB	hh3c-common-system.mib		V2.4
HH3C-CONFIG-MAN-MIB	hh3c-config-man.mib		V2.4
HH3C-DLDP2-MIB	hh3c-dldp2.mib		V1.0
HH3C-DNS-MIB	hh3c-dns.mib		V1.0
HH3C-DOMAIN-MIB	hh3c-domain.mib		V1.8

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Module Name	File Name	comments	MIB Version
HH3C-ENTITY-EXT-MIB	hh3c-entity-ext.mib		V2.5
HH3C-ENTRELATION-MIB	hh3c-entrelation.mib		V1.2
HH3C-EVB-MIB	hh3c-evb.mib		V1.0
HH3C-EVC-MIB	hh3c-evc.mib		V1.3
HH3C-FCOE-MIB	hh3c-fcoe.mib		V1.0
HH3C-FLASH-MAN-MIB	hh3c-flash-man.mib		V3.0
HH3C-IF-EXT-MIB	hh3c-if-ext.mib		V1.6
HH3C-IFQOS2-MIB	hh3c-ifqos2.mib		V1.6
HH3C-IKE-MONITOR-MIB	hh3c-ike-monitor.mib		V1.4
HH3C-INFO-CENTER-MIB	hh3c-infocenter.mib		V1.0
HH3C-IP-ADDRESS-MIB	hh3c-ip-address.mib		V1.5
HH3C-IPSEC-MONITOR-V2-MIB	hh3c-ipsec-monitor-v2.mib		V1.0
HH3C-IPV6-ADDRESSES-MIB	hh3c-ipv6-address.mib		V1.0
HH3C-LAG-MIB	hh3c-lag.mib		V1.7
HH3C-LPBKDT-MIB	hh3c-lpbkdt.mib		V1.1
HH3C-LSW-DEV-ADM-MIB	hh3c-lsw-dev-adm.mib		V3.60
HH3C-LswDEV-MIB	hh3c-splat-devm.mib		V2.2
HH3C-LswIGSP-MIB	hh3c-splat-igsp.mib		V1.4
HH3C-LswINF-MIB	hh3c-splat-inf.mib		V3.4
HH3C-LswMAM-MIB	hh3c-splat-mam.mib		V2.3
HH3C-LswMix-MIB	hh3c-splat-mix.mib		V1.2
HH3C-LswMSTP-MIB	hh3c-splat-mstp.mib		V1.15
HH3C-LswVLAN-MIB	hh3c-splat-vlan.mib		V2.1
HH3C-MAC- INFORMATION-MIB	hh3c-mac-information.mib		V1.1
HH3C-MACSEC-MIB	hh3c-macsec.mib		V1.0
HH3C-MIRRORGROUP-MIB	hh3c-mirrorgroup.mib		V1.1
HH3C-MULTICAST-SNOOPING-MIB	hh3c-multicast-snooping.mib		V1.0

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Module Name	File Name	comments	MIB Version
HH3C-NQA-MIB	hh3c-nqa.mib		V1.0
HH3C-NTP-MIB	hh3c-ntp.mib		V1.5
HH3C-QOS-CAPABILITY-MIB	hh3c-qos-capability.mib		V1.2
HH3C-RADIUS-MIB	hh3c-radius.mib		V2.3
HH3C-RMON-EXT2-MIB	hh3c-rmon-ext2.mib		V1.0
HH3C-SPB-MIB	hh3c-spb.mib		V1.0
HH3C-SSH-MIB	hh3c-ssh.mib		V1.0
HH3C-STACK-MIB	hh3c-stack.mib		V1.0
HH3C-STORM-CONSTRAINT-MIB	hh3c-storm-constraint.mib		V1.1
HH3C-SYS-MAN-MIB	hh3c-sys-man.mib		V2.4
HH3C-TRANSCEIVER-INFO-MIB	hh3c-transceiver-info.mib		V1.3
HH3C-TRAP-MIB	hh3c-trap.mib		V1.5
HH3C-TRNG2-MIB	hh3c-trng2.mib		V1.0
HH3C-TUNNEL-MIB	hh3c-tunnel.mib		V1.2
HH3C-UI-MAN-MIB	hh3c-ui-man.mib		V1.6
HH3C-USER-MIB	hh3c-user.mib		V2.6
HH3C-VSI-MIB	hh3c-vsi.mib		V1.4
HH3C-VXLAN-MIB	hh3c-vxlan.mib		V1.0

1 BGP4-MIB

1.1 Scalar objects

Name	Access	PDS	Description
bgpVersion (1.3.6.1.2.1.15.1)	read-only	Yes	As per MIB
bgpLocalAs (1.3.6.1.2.1.15.2)	read-only	Current	When the actual value is range from 65536 to 4294967295,the return value will be 23456.
bgpIdentifier (1.3.6.1.2.1.15.4)	read-only	Current	As per MIB

1.2 bgpPeerTable

OID of this table is: 1.3.6.1.2.1.15.3

Name	Access	PDS	Description
bgpPeerIdentifier (1.3.6.1.2.1.15.3.1.1)	read-only	No	As per MIB
bgpPeerState (1.3.6.1.2.1.15.3.1.2)	read-only	No	As per MIB
bgpPeerAdminStatus (1.3.6.1.2.1.15.3.1.3)	read-write	Current	As per MIB
bgpPeerNegotiatedVersion (1.3.6.1.2.1.15.3.1.4)	read-only	No	As per MIB
bgpPeerLocalAddr (1.3.6.1.2.1.15.3.1.5)	read-only	No	As per MIB
bgpPeerLocalPort (1.3.6.1.2.1.15.3.1.6)	read-only	No	As per MIB
bgpPeerRemoteAddr (1.3.6.1.2.1.15.3.1.7)	read-only	Current	As per MIB
bgpPeerRemotePort (1.3.6.1.2.1.15.3.1.8)	read-only	No	As per MIB
bgpPeerRemoteAs (1.3.6.1.2.1.15.3.1.9)	read-only	Current	When the actual value is range from 65536 to 4294967295,the return value will be 23456.
bgpPeerInUpdates (1.3.6.1.2.1.15.3.1.10)	read-only	No	As per MIB
bgpPeerOutUpdates (1.3.6.1.2.1.15.3.1.11)	read-only	No	As per MIB
bgpPeerInTotalMessages (1.3.6.1.2.1.15.3.1.12)	read-only	No	As per MIB
bgpPeerOutTotalMessages (1.3.6.1.2.1.15.3.1.13)	read-only	No	As per MIB
bgpPeerLastError (1.3.6.1.2.1.15.3.1.14)	read-only	No	As per MIB
bgpPeerFsmEstablishedTransitions (1.3.6.1.2.1.15.3.1.15)	read-only	No	As per MIB
bgpPeerFsmEstablishedTime (1.3.6.1.2.1.15.3.1.16)	read-only	No	As per MIB
bgpPeerConnectRetryInterval (1.3.6.1.2.1.15.3.1.17)	read-write	No	Only support read
bgpPeerHoldTime (1.3.6.1.2.1.15.3.1.18)	read-only	No	As per MIB

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Name	Access	PDS	Description
bgpPeerKeepAlive (1.3.6.1.2.1.15.3.1.19)	read-only	No	As per MIB
bgpPeerHoldTimeConfigured (1.3.6.1.2.1.15.3.1.20)	read-write	Current	Only support read.
bgpPeerKeepAliveConfigured (1.3.6.1.2.1.15.3.1.21)	read-write	Current	Only support read.
bgpPeerMinASOriginationInterval (1.3.6.1.2.1.15.3.1.22)	read-write	Current	Range from 1 to 600. When the actual value is 0, the return value will be 1.
bgpPeerMinRouteAdvertisementInterval (1.3.6.1.2.1.15.3.1.23)	read-write	Current	Range from 1 to 600. When the actual value is 0, the return value will be 1.
bgpPeerInUpdateElapsedTime (1.3.6.1.2.1.15.3.1.24)	read-only	No	As per MIB

1.3 bgpPathAttrTable

OID of this table is: 1.3.6.1.2.1.15.5

This table is not supported.

Name	Access	PDS	Description
bgpPathAttrPeer (1.3.6.1.2.1.15.5.1.1)	read-only	No	As per MIB
bgpPathAttrDestNetwork (1.3.6.1.2.1.15.5.1.2)	read-only	No	As per MIB
bgpPathAttrOrigin (1.3.6.1.2.1.15.5.1.3)	read-only	No	As per MIB
bgpPathAttrASPath (1.3.6.1.2.1.15.5.1.4)	read-only	No	As per MIB
bgpPathAttrNextHop (1.3.6.1.2.1.15.5.1.5)	read-only	No	As per MIB
bgpPathAttrInterASMetric (1.3.6.1.2.1.15.5.1.6)	read-only	No	As per MIB

1.4 bgp4PathAttrTable

OID of this table is: 1.3.6.1.2.1.15.6

Companion

Name	Access	PDS	Description
bgp4PathAttrPeer (1.3.6.1.2.1.15.6.1.1)	read-only	No	As per MIB
bgp4PathAttrIpAddrPrefixLen (1.3.6.1.2.1.15.6.1.2)	read-only	No	As per MIB
bgp4PathAttrIpAddrPrefix (1.3.6.1.2.1.15.6.1.3)	read-only	No	As per MIB
bgp4PathAttrOrigin (1.3.6.1.2.1.15.6.1.4)	read-only	No	As per MIB
bgp4PathAttrASPathSegment (1.3.6.1.2.1.15.6.1.5)	read-only	No	As per MIB
bgp4PathAttrNextHop (1.3.6.1.2.1.15.6.1.6)	read-only	No	As per MIB
bgp4PathAttrMultiExitDisc (1.3.6.1.2.1.15.6.1.7)	read-only	No	When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647.
bgp4PathAttrLocalPref (1.3.6.1.2.1.15.6.1.8)	read-only	No	When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647.
bgp4PathAttrAtomicAggregate (1.3.6.1.2.1.15.6.1.9)	read-only	No	As per MIB
bgp4PathAttrAggregatorAS (1.3.6.1.2.1.15.6.1.10)	read-only	No	When the actual value is range from 65536 to 4294967295,the return value will be 23456.
bgp4PathAttrAggregatorAddr (1.3.6.1.2.1.15.6.1.11)	read-only	No	As per MIB
bgp4PathAttrCalcLocalPref (1.3.6.1.2.1.15.6.1.12)	read-only	No	When the actual value is range from 2147483647 to 4294967295,the return value will be 2147483647.
bgp4PathAttrBest (1.3.6.1.2.1.15.6.1.13)	read-only	No	As per MIB
bgp4PathAttrUnknown (1.3.6.1.2.1.15.6.1.14)	read-only	No	As per MIB

2 BRIDGE-MIB

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

2.1 Scalar objects of dot1dBase group

OID of this table is: 1.3.6.1.2.1.17.1

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

2.2 dot1dBasePortTable

OID of this table is: 1.3.6.1.2.1.17.1.4

Name	Access	PDS	Description
dot1dBasePort (1.3.6.1.2.1.17.1.4.1.1)	read-only	No	As per MIB
dot1dBasePortIfIndex (1.3.6.1.2.1.17.1.4.1.2)	read-only	No	As per MIB
dot1dBasePortCircuit (1.3.6.1.2.1.17.1.4.1.3)	read-only	No	As per MIB
dot1dBasePortDelayExceede dDiscards (1.3.6.1.2.1.17.1.4.1.4)	read-only	No	As per MIB
dot1dBasePortMtuExceeded Discards (1.3.6.1.2.1.17.1.4.1.5)	read-only	No	As per MIB

2.3 Scalar objects of dot1dStp group

OID of this table is: 1.3.6.1.2.1.17.2

Name	Access	PDS	Description
dot1dStpProtocolSpecificatio n (1.3.6.1.2.1.17.2.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
dot1dStpPriority (1.3.6.1.2.1.17.2.2)	read-write	Current	As per MIB
dot1dStpTimeSinceTopology Change (1.3.6.1.2.1.17.2.3)	read-only	No	As per MIB
dot1dStpTopChanges (1.3.6.1.2.1.17.2.4)	read-only	No	As per MIB
dot1dStpDesignatedRoot (1.3.6.1.2.1.17.2.5)	read-only	No	As per MIB
dot1dStpRootCost (1.3.6.1.2.1.17.2.6)	read-only	No	As per MIB
dot1dStpRootPort (1.3.6.1.2.1.17.2.7)	read-only	No	As per MIB
dot1dStpMaxAge (1.3.6.1.2.1.17.2.8)	read-only	No	As per MIB
dot1dStpHelloTime (1.3.6.1.2.1.17.2.9)	read-only	No	As per MIB
dot1dStpHoldTime (1.3.6.1.2.1.17.2.10)	read-only	No	As per MIB
dot1dStpForwardDelay (1.3.6.1.2.1.17.2.11)	read-only	No	As per MIB
dot1dStpBridgeMaxAge (1.3.6.1.2.1.17.2.12)	read-write	Current	As per MIB
dot1dStpBridgeHelloTime (1.3.6.1.2.1.17.2.13)	read-write	Current	As per MIB
dot1dStpBridgeForwardDelay (1.3.6.1.2.1.17.2.14)	read-write	Current	As per MIB

2.4 dot1dStpPortTable

OID of this table is: 1.3.6.1.2.1.17.2.15

Name	Access	PDS	Description
dot1dStpPort (1.3.6.1.2.1.17.2.15.1.1)	read-only	No	As per MIB
dot1dStpPortPriority (1.3.6.1.2.1.17.2.15.1.2)	read-write	Current	As per MIB
dot1dStpPortState (1.3.6.1.2.1.17.2.15.1.3)	read-only	No	As per MIB
dot1dStpPortEnable (1.3.6.1.2.1.17.2.15.1.4)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
dot1dStpPortPathCost (1.3.6.1.2.1.17.2.15.1.5)	read-write	Current	The node only correctly support IEEE802.1d-1990 path cost standard whose range is 1 to 65535. If path cost of the port in other path cost standard is larger than 65535 , the value of the node is 65535.
dot1dStpPortDesignatedRoot (1.3.6.1.2.1.17.2.15.1.6)	read-only	No	As per MIB
dot1dStpPortDesignatedCost (1.3.6.1.2.1.17.2.15.1.7)	read-only	No	As per MIB
dot1dStpPortDesignatedBridge (1.3.6.1.2.1.17.2.15.1.8)	read-only	No	As per MIB
dot1dStpPortDesignatedPort (1.3.6.1.2.1.17.2.15.1.9)	read-only	No	As per MIB
dot1dStpPortForwardTransition (1.3.6.1.2.1.17.2.15.1.10)	read-only	No	As per MIB

2.5 Scalar objects of dot1dTp group

OID of this table is: 1.3.6.1.2.1.17.4

Name	Access	PDS	Description
dot1dTpAgingTime (1.3.6.1.2.1.17.4.2)	read-write	Current	The value includes -1 (noaging) and range from 10 to 1000000.

2.6 dot1dTpFdbTable

OID of this table is: 1.3.6.1.2.1.17.4.3

Name	Access	PDS	Description
dot1dTpFdbAddress (1.3.6.1.2.1.17.4.3.1.1)	read-only	Current	As per MIB
dot1dTpFdbPort (1.3.6.1.2.1.17.4.3.1.2)	read-only	Current	As per MIB
dot1dTpFdbStatus (1.3.6.1.2.1.17.4.3.1.3)	read-only	Current	As per MIB

3 DISMAN-PING-MIB

This MIB should be supported by device which implements disman ping function.

This MIB cannot mix using with CLI.

3.1 Scalar objects

Name	Access	PDS	Description
pingMaxConcurrentRequests (1.3.6.1.2.1.80.1.1)	read-write	Current	Only support read

3.2 pingCtlTable

OID of this table is: 1.3.6.1.2.1.80.1.2

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

1.2 When creating a test entry, the default value of pingCtlType is pingIcmpEcho. Once created, pingCtlType cannot be changed, so pingCtlType must be set as the entry created.

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

1.4 Any of the configurations in pingCtlTable changed, the corresponding results, histories and statistics will be cleared, except the following objects:

pingCtlTrapGeneration,

pingCtlTrapProbeFailureFilter,

pingCtlTrapTestFailureFilter,

pingCtlDescr,

pingCtlMaxRows(If the value of this object is smaller than the previous value, the redundant histories records will be deleted.)

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

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

1.5 pingCtlTargetAddressType and pingCtlTargetAddress must be modified together.

1.6 pingCtlSourceAddressType and pingCtlSourceAddress must be modified together.

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

The following objects are supported by all pingCtlTypes:

pingCtlOwnerIndex, pingCtlTestName, pingCtlTimeOut,

pingCtlAdminStatus, pingCtlFrequency,

pingCtlStorageType, pingCtlTrapGeneration, pingCtlType, pingCtlDescr,

pingCtlRowStatus

The remainder objects is supported by part of pingCtlTypes.

The relationship between these objects and corresponding pingCtlType are described in the following table:

Value of pingCtlType	Support parameters
pingIcmpEcho	pingCtlTargetAddressType pingCtlTargetAddress pingCtlDataSize pingCtlDataFill pingCtlSourceAddressType pingCtlSourceAddress pingCtlIfIndex pingCtlByPassRouteTable pingCtlDSField

Companion

	<p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>
<p>pingUdpEcho</p> <p>hh3cNqaUdpEcho or hh3cpingUdpEcho</p>	<p>pingCtlTargetAddressType</p> <p>pingCtlTargetAddress</p> <p>pingCtlDataSize</p> <p>pingCtlDataFill</p> <p>pingCtlSourceAddressType</p> <p>pingCtlSourceAddress</p> <p>pingCtlByPassRouteTable</p> <p>pingCtlDSField</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>
<p>pingSnmpQuery</p>	<p>pingCtlTargetAddressType</p> <p>pingCtlTargetAddress</p> <p>pingCtlSourceAddressType</p> <p>pingCtlSourceAddress</p> <p>pingCtlByPassRouteTable</p> <p>pingCtlDSField</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>
<p>pingTcpConnectionAttempt</p> <p>hh3cNqaTcpconnect or</p> <p>hh3cpingTcpconnect</p>	<p>pingCtlTargetAddressType</p> <p>pingCtlTargetAddress</p> <p>pingCtlSourceAddressType</p> <p>pingCtlSourceAddress</p> <p>pingCtlByPassRouteTable</p> <p>pingCtlDSField</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p>

Companion

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

Companion

	<p>pingCtlByPassRouteTable</p> <p>pingCtlDSField</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>
hh3cNqadhcp	<p>pingCtlTargetAddressType</p> <p>pingCtlTargetAddress</p> <p>pingCtlSourceAddressType</p> <p>pingCtlSourceAddress</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>
hh3cNqaftp	<p>pingCtlTargetAddressType</p> <p>pingCtlTargetAddress</p> <p>pingCtlSourceAddressType</p> <p>pingCtlSourceAddress</p> <p>pingCtlByPassRouteTable</p> <p>pingCtlDSField</p> <p>pingCtlProbeCount</p> <p>pingCtlMaxRows</p> <p>pingCtlTrapProbeFailureFilter</p> <p>pingCtlTrapTestFailureFilter</p>

Name	Access	PDS	Description
pingCtlOwnerIndex (1.3.6.1.2.1.80.1.2.1.1)	not-accessible	Current	The uppercase letters in this string will be converted to lowercase letters in setting operation. The value of this object cannot contain '-'.
pingCtlTestName (1.3.6.1.2.1.80.1.2.1.2)	not-accessible	Current	The uppercase letters in this string will be converted to lowercase letters in setting

Companion

			operation. The value of this object cannot contain '-'. Only support ipv4(1) and unknown(0) and dns(16).
pingCtlTargetAddressType (1.3.6.1.2.1.80.1.2.1.3)	read-create	Current	
pingCtlTargetAddress (1.3.6.1.2.1.80.1.2.1.4)	read-create	Current	If the value of pingCtlTargetAddressType is ipv4(1), the value of this object must be ipv4 address. If the value of pingCtlTargetAddressType is dns(16), the value of this object can be host name. If the value of pingCtlTargetAddressType is unknown(0), the value of this object must be zero-length string.
pingCtlDataSize (1.3.6.1.2.1.80.1.2.1.5)	read-create	Current	An IP packet has a maximum size of 8100 octets, not including the size of the ICMP or UDP header (both 8 octets) and the size of the IP header (20 octets). 0 octets means system use the default packet size. When doing icmp or udp test, the range is from 20 to 8100. When doing JITTER test, the range is from 68 to 8100 and the default value is 100. When doing voice test, the range is from 16 to 1500, and if the codec-type is g711a or g711u, the default value is 172, or else the default value is 32.
pingCtlTimeOut (1.3.6.1.2.1.80.1.2.1.6)	read-create	Current	If the value is not times of seconds(set by CLI), the result of reading operation is inaccurate. Such as: If the value set by CLI is 1050ms, the result of

Companion

			reading operation is 2s. If the value exceeds 60s(set by CLI), the result of reading operation is 60s. When doing voice test, default value is 5s,or else the default value is 3s
pingCtlProbeCount (1.3.6.1.2.1.80.1.2.1.7)	read-create	Current	For voice and udp-jitter test, the value of this object only can set 1
pingCtlAdminStatus (1.3.6.1.2.1.80.1.2.1.8)	read-create	Current	As per MIB
pingCtlDataFill (1.3.6.1.2.1.80.1.2.1.9)	read-create	Current	The length of this object is from 0 to 200.
pingCtlFrequency (1.3.6.1.2.1.80.1.2.1.10)	read-create	Current	Range from 0 to 604800 If the value is not times of seconds (set by CLI), the result of reading operation is inaccurate. Such as: If the value set by CLI is 1050ms, the result of reading operation is 2s. When doing voice test, default value is 60s,or else the default value is 0s. If the value of this object is 0, statistics will not be created.
pingCtlMaxRows (1.3.6.1.2.1.80.1.2.1.11)	read-create	Current	Range from 0 to 50.
pingCtlStorageType (1.3.6.1.2.1.80.1.2.1.12)	read-only	Current	As per MIB
pingCtlTrapGeneration (1.3.6.1.2.1.80.1.2.1.13)	read-create	Current	For voice and udp-jitter test, Only pingTestCompleted(2) is supported.
pingCtlTrapProbeFailureFilter (1.3.6.1.2.1.80.1.2.1.14)	read-create	Current	Range from 1 to 15. This object cannot be configured before the corresponding type(probeFailure) in pingCtlTrapGeneration is specified. If the value of

Companion

			pingCtlTrapGeneration does not contain probeFailure, the value of this object is 1. For voice test, this object is invalid.
pingCtlTrapTestFailureFilter (1.3.6.1.2.1.80.1.2.1.15)	read-create	Current	Range from 1 to 15. This object cannot be configured before the corresponding type(testFailure) in pingCtlTrapGeneration is specified. If the value of pingCtlTrapGeneration does not contain testFailure, the value of this object is 1. For voice test, this object is invalid.
pingCtlType (1.3.6.1.2.1.80.1.2.1.16)	read-create	Current	Can not be modified after creation.
pingCtlDescr (1.3.6.1.2.1.80.1.2.1.17)	read-create	Current	The length of this object is from 0 to 200. The value cannot begin with space.
pingCtlSourceAddressType (1.3.6.1.2.1.80.1.2.1.18)	read-create	Current	Only support ipv4(1) and unknown(0). Default value is unknown(0).
pingCtlSourceAddress (1.3.6.1.2.1.80.1.2.1.19)	read-create	Current	If the value of pingCtlSourceAddressType is ipv4(1), the value of this object must be ipv4 address. If the value of pingCtlSourceAddressType is unknown(0), the value of this object must be zero-length string.
pingCtlIfIndex (1.3.6.1.2.1.80.1.2.1.20)	read-create	Current	The type of interface must be layer three Ethernet interface or vlan interface.
pingCtlByPassRouteTable (1.3.6.1.2.1.80.1.2.1.21)	read-create	Current	As per MIB
pingCtlDSField (1.3.6.1.2.1.80.1.2.1.22)	read-create	Current	As per MIB
pingCtlRowStatus	read-create	No	Only support active(1),

Companion

(1.3.6.1.2.1.80.1.2.1.23)			createAndgo(4) and destroy(6).
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3.3 pingResultsTable

OID of this table is: 1.3.6.1.2.1.80.1.3

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

3.4 pingProbeHistoryTable

OID of this table is: 1.3.6.1.2.1.80.1.4

Name	Access	PDS	Description
pingProbeHistoryIndex (1.3.6.1.2.1.80.1.4.1.1)	not-accessible	No	As per MIB
pingProbeHistoryResponse (1.3.6.1.2.1.80.1.4.1.2)	read-only	No	As per MIB
pingProbeHistoryStatus (1.3.6.1.2.1.80.1.4.1.3)	read-only	No	The result of a particular probe done by a remote

Companion

Name	Access	PDS	Description
			host.
pingProbeHistoryLastRC (1.3.6.1.2.1.80.1.4.1.4)	read-only	No	Not supported
pingProbeHistoryTime (1.3.6.1.2.1.80.1.4.1.5)	read-only	No	As per MIB

4 DOT3-OAM-MIB

4.1 dot3OamTable

OID of this table is: 1.3.6.1.2.1.158.1.1

Name	Access	PDS	Description
dot3OamAdminState (1.3.6.1.2.1.158.1.1.1.1)	read-write	Current	As per MIB
dot3OamOperStatus (1.3.6.1.2.1.158.1.1.1.2)	read-only	No	As per MIB
dot3OamMode (1.3.6.1.2.1.158.1.1.1.3)	read-write	Current	As per MIB
dot3OamMaxOamPduSize (1.3.6.1.2.1.158.1.1.1.4)	read-only	No	As per MIB
dot3OamConfigRevision (1.3.6.1.2.1.158.1.1.1.5)	read-only	No	As per MIB
dot3OamFunctionsSupported (1.3.6.1.2.1.158.1.1.1.6)	read-only	No	As per MIB

4.2 dot3OamPeerTable

OID of this table is: 1.3.6.1.2.1.158.1.2

Name	Access	PDS	Description
dot3OamPeerMacAddress (1.3.6.1.2.1.158.1.2.1.1)	read-only	No	As per MIB
dot3OamPeerVendorOui (1.3.6.1.2.1.158.1.2.1.2)	read-only	No	Not supported
dot3OamPeerVendorInfo (1.3.6.1.2.1.158.1.2.1.3)	read-only	No	Not supported
dot3OamPeerMode (1.3.6.1.2.1.158.1.2.1.4)	read-only	No	As per MIB

Companion

dot3OamPeerMaxOamPduSize (1.3.6.1.2.1.158.1.2.1.5)	read-only	No	As per MIB
dot3OamPeerConfigRevision (1.3.6.1.2.1.158.1.2.1.6)	read-only	No	As per MIB
dot3OamPeerFunctionsSupported (1.3.6.1.2.1.158.1.2.1.7)	read-only	No	As per MIB

4.3 dot3OamStatsTable

OID of this table is: 1.3.6.1.2.1.158.1.4

Name	Access	PDS	Description
dot3OamInformationTx (1.3.6.1.2.1.158.1.4.1.1)	read-only	No	As per MIB
dot3OamInformationRx (1.3.6.1.2.1.158.1.4.1.2)	read-only	No	As per MIB
dot3OamUniqueEventNotificationTx (1.3.6.1.2.1.158.1.4.1.3)	read-only	No	As per MIB
dot3OamUniqueEventNotificationRx (1.3.6.1.2.1.158.1.4.1.4)	read-only	No	As per MIB
dot3OamDuplicateEventNotificationTx (1.3.6.1.2.1.158.1.4.1.5)	read-only	No	As per MIB
dot3OamDuplicateEventNotificationRx (1.3.6.1.2.1.158.1.4.1.6)	read-only	No	As per MIB
dot3OamLoopbackControlTx (1.3.6.1.2.1.158.1.4.1.7)	read-only	No	As per MIB
dot3OamLoopbackControlRx (1.3.6.1.2.1.158.1.4.1.8)	read-only	No	As per MIB
dot3OamVariableRequestTx (1.3.6.1.2.1.158.1.4.1.9)	read-only	No	Not Supported
dot3OamVariableRequestRx (1.3.6.1.2.1.158.1.4.1.10)	read-only	No	Not Supported
dot3OamVariableResponseTx (1.3.6.1.2.1.158.1.4.1.11)	read-only	No	Not Supported
dot3OamVariableResponseRx (1.3.6.1.2.1.158.1.4.1.12)	read-only	No	Not Supported
dot3OamOrgSpecificTx (1.3.6.1.2.1.158.1.4.1.13)	read-only	No	Not Supported

Companion

dot3OamOrgSpecificRx (1.3.6.1.2.1.158.1.4.1.14)	read-only	No	Not Supported
dot3OamUnsupportedCodes Tx (1.3.6.1.2.1.158.1.4.1.15)	read-only	No	Not Supported
dot3OamUnsupportedCodes Rx (1.3.6.1.2.1.158.1.4.1.16)	read-only	No	Not Supported
dot3OamFramesLostDueToO am (1.3.6.1.2.1.158.1.4.1.17)	read-only	No	Not Supported

4.4 dot3OamEventConfigTable

OID of this table is: 1.3.6.1.2.1.158.1.5

Name	Access	PDS	Description
dot3OamErrSymPeriodWindo wHi (1.3.6.1.2.1.158.1.5.1.1)	read-write	Current	Not supported
dot3OamErrSymPeriodWindo wLo (1.3.6.1.2.1.158.1.5.1.2)	read-write	Current	Not supported
dot3OamErrSymPeriodThres holdHi (1.3.6.1.2.1.158.1.5.1.3)	read-write	Current	Not supported
dot3OamErrSymPeriodThres holdLo (1.3.6.1.2.1.158.1.5.1.4)	read-write	Current	Not supported
dot3OamErrSymPeriodEvNot ifEnable (1.3.6.1.2.1.158.1.5.1.5)	read-write	Current	As per MIB
dot3OamErrFramePeriodWin dow (1.3.6.1.2.1.158.1.5.1.6)	read-write	Current	Range from 1 to 65535, the default value is 1000.
dot3OamErrFramePeriodThr eshold (1.3.6.1.2.1.158.1.5.1.7)	read-write	Current	As per MIB
dot3OamErrFramePeriodEvN otifEnable (1.3.6.1.2.1.158.1.5.1.8)	read-write	No	As per MIB
dot3OamErrFrameWindow (1.3.6.1.2.1.158.1.5.1.9)	read-write	Current	Range from 10 to 600, the default value is 10.
dot3OamErrFrameThreshold (1.3.6.1.2.1.158.1.5.1.10)	read-write	Current	As per MIB
dot3OamErrFrameEvNotifEn able (1.3.6.1.2.1.158.1.5.1.11)	read-write	No	As per MIB

Companion

dot3OamErrFrameSecsSummaryWindow (1.3.6.1.2.1.158.1.5.1.12)	read-write	Current	Range from 100 to 9000, the default value is 600.
dot3OamErrFrameSecsSummaryThreshold (1.3.6.1.2.1.158.1.5.1.13)	read-write	Current	As per MIB
dot3OamErrFrameSecsEventNotificationEnable (1.3.6.1.2.1.158.1.5.1.14)	read-write	No	As per MIB
dot3OamDyingGaspEnable (1.3.6.1.2.1.158.1.5.1.15)	read-write	Current	Not supported
dot3OamCriticalEventEnable (1.3.6.1.2.1.158.1.5.1.16)	read-write	Current	Not supported

4.5 dot3OamEventLogTable

OID of this table is: 1.3.6.1.2.1.158.1.6

Name	Access	PDS	Description
dot3OamEventLogIndex (1.3.6.1.2.1.158.1.6.1.1)	not-accessible	No	The max value is 100.All of the objects of this table saves the conditions in the latest event.
dot3OamEventLogTimestamp (1.3.6.1.2.1.158.1.6.1.2)	read-only	No	As per MIB
dot3OamEventLogOui (1.3.6.1.2.1.158.1.6.1.3)	read-only	No	As per MIB
dot3OamEventLogType (1.3.6.1.2.1.158.1.6.1.4)	read-only	No	As per MIB
dot3OamEventLogLocation (1.3.6.1.2.1.158.1.6.1.5)	read-only	No	As per MIB
dot3OamEventLogWindowHi (1.3.6.1.2.1.158.1.6.1.6)	read-only	No	As per MIB
dot3OamEventLogWindowLo (1.3.6.1.2.1.158.1.6.1.7)	read-only	No	As per MIB
dot3OamEventLogThresholdHi (1.3.6.1.2.1.158.1.6.1.8)	read-only	No	As per MIB
dot3OamEventLogThresholdLo (1.3.6.1.2.1.158.1.6.1.9)	read-only	No	As per MIB
dot3OamEventLogValue (1.3.6.1.2.1.158.1.6.1.10)	read-only	No	As per MIB
dot3OamEventLogRunningTotal (1.3.6.1.2.1.158.1.6.1.11)	read-only	No	As per MIB

dot3OamEventLogEventTotal (1.3.6.1.2.1.158.1.6.1.12)	read-only	No	As per MIB
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5 ENTITY-MIB

This MIB is supported only when the products support RFC4133.

This chapter describes the information of Entity MIB. The Entity MIB contains five groups of MIB objects: entityPhysical group, entityLogical group, entityMapping group, entityGeneral group and entityNotifications group. Thereinto, the entityPhysical group describes the physical entities managed by a single agent. This group contains a single table to identify physical system components, called the entPhysicalTable. The entPhysicalTable contains one row per physical entity, and must always contain at least one row for an "overall" physical entity, which should have an entPhysicalClass value of 'stack(11)', 'chassis(3)' or 'module(9)'. Each row is indexed by an arbitrary, small integer, and contains a description and type of the physical entity. It also optionally contains the index number of another entPhysicalEntry indicating a containment relationship between the two.

The entityLogical group describes the logical entities managed by a single agent. This group contains a single table to identify logical entities, called the entLogicalTable. The entLogicalTable contains one row per logical entity. Each row is indexed by an arbitrary, small integer and contains a name, description, and type of the logical entity. It also contains information to allow access to the MIB information for the logical entity. This includes SNMP versions that use a community name (with some form of implied context representation) and SNMP versions that use the SNMP ARCH [RFC2571] method of context identification. If a agent represents multiple logical entities with this MIB, then this group must be implemented for all logical entities known to the agent. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this group may

be omitted by the agent.

The entityMapping group describes the associations between the physical entities logical entities, interfaces, and non-interface ports managed by a single agent. This group contains three tables to identify associations between different system components. The entLPMappingTable contains mappings between entLogicalIndex values (logical entities) and entPhysicalIndex values (the physical components supporting that entity). A logical entity can map to more than one physical component, and more than one logical entity can map to (share) the same physical component. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this table may be omitted by the agent. The entAliasMappingTable contains mappings between entLogicalIndex, entPhysicalIndex pairs and 'alias' object identifier values. This allows resources managed with other MIBs (e.g., repeater ports, bridge ports, physical and logical interfaces) to be identified in the physical entity hierarchy. Note that each alias identifier is only relevant in a particular naming scope. If an agent represents a single logical entity, or multiple logical entities within a single naming scope, then implementation of this table may be omitted by the agent. The entPhysicalContainsTable contains simple mappings between 'entPhysicalContainedIn' values for each container/'containeer' relationship in the managed system. The indexing of this table allows an NMS to quickly discover the 'entPhysicalIndex' values for all children of a given physical entity.

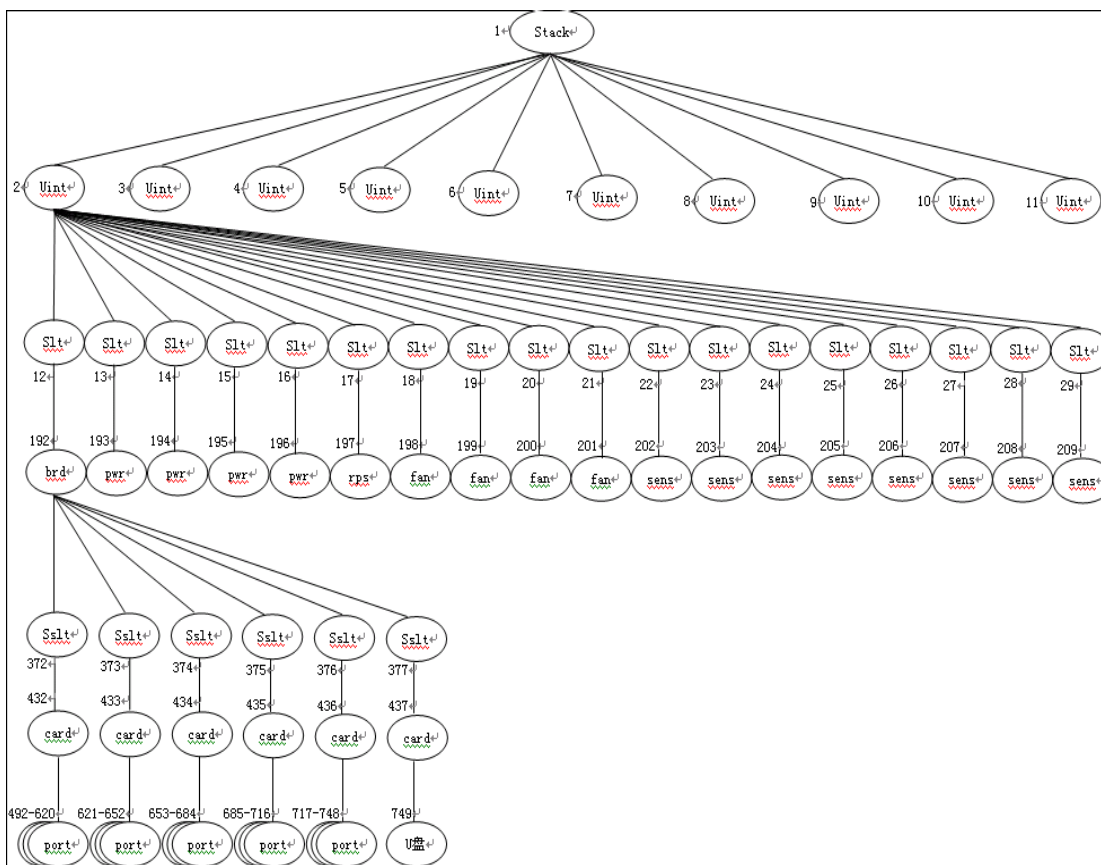
The entityGeneral group describes general system attributes shared by potentially all types of entities managed by a single agent. This group contains general information relating to the other object groups. At this time, the entGeneral group contains a single scalar object (entLastChangeTime), which represents the value of sysUptime when any part of the Entity MIB configuration last changed.

The entityNotifications group contains status indication notifications. This group contains notification definitions relating to the overall status of the Entity MIB

Companion

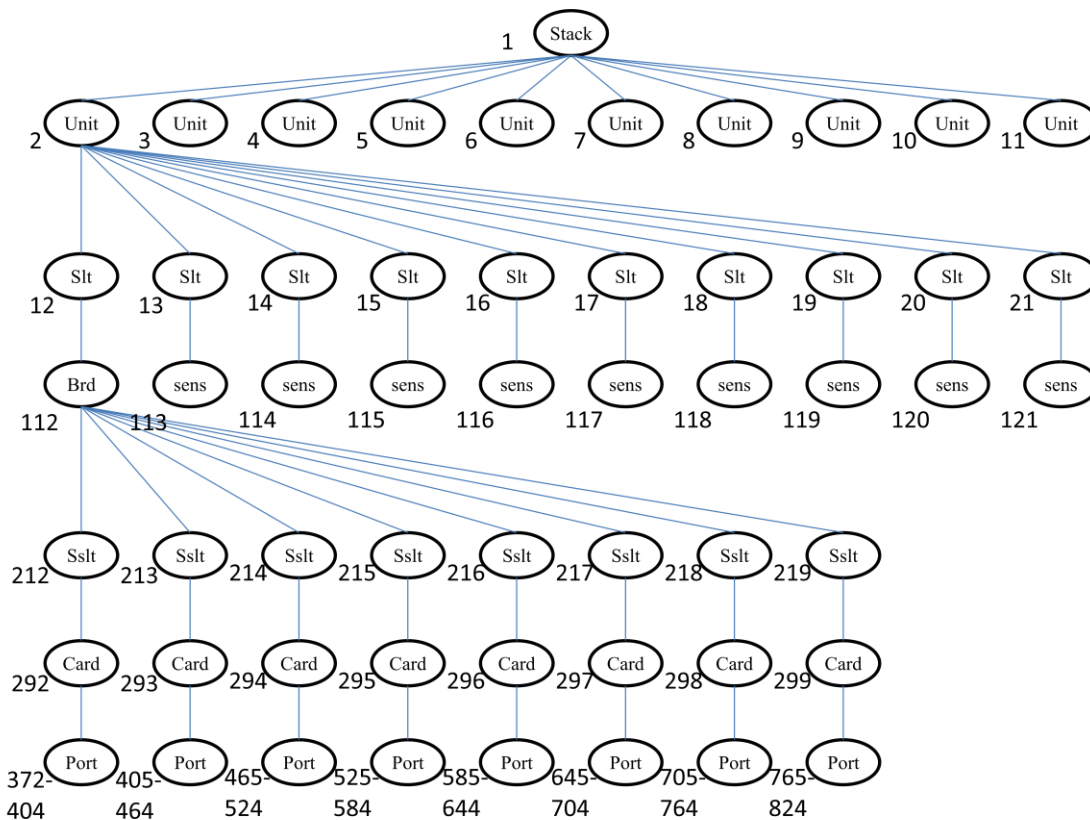
instantiation.

The following table shows the index range of each physical class of each stack in HPE 5900&5920&5930 Switch products. It supports 10 units in a stack at max. To compatible with old HPE 5900&5920&5930 devices, there are 1 slot, 1~4 PSU, 0~1 RPS, 1~4 Fans and 1~8 Sensors as level 1 containers, and 6 sub slots as level 2 containers in one unit. There are front panel sub slot, stacking ports sub slot, expansion card sub slots, USB sub slot. The max port number in a sub slot is 128, which are 32 fixed QSFP+ ports that can work as 4 SFP+ ports. It also support 1 out-band management port. Such as the figure and the table shown:



The following table shows the index range of each physical class of each stack in TbirdSwitch products. It supports 10 units in a stack at max. There are 1 slot and 1~9 Sensors as level 1 containers, and 8 sub slots as level 2 containers in one unit. There are front panel sub slot, stacking ports sub slot, expansion card sub slots. Such as

the figure and the table shown:



5.1 entPhysicalTable

OID of this table is: 1.3.6.1.2.1.47.1.1.1

Name	Access	PDS	Description
entPhysicalIndex (1.3.6.1.2.1.47.1.1.1.1)	not-accessible	No	As per MIB
entPhysicalDescr (1.3.6.1.2.1.47.1.1.1.2)	read-only	No	As per MIB
entPhysicalVendorType (1.3.6.1.2.1.47.1.1.1.3)	read-only	No	All the vendor types are listed in HH3C-ENTITY-VENDORTYPE-OID-MIB. When provided for different company, the value of this

Companion

Name	Access	PDS	Description
			object should be described separately.
entPhysicalContainedIn (1.3.6.1.2.1.47.1.1.1.1.4)	read-only	No	As per MIB
entPhysicalClass (1.3.6.1.2.1.47.1.1.1.1.5)	read-only	No	As per MIB
entPhysicalParentRelPos (1.3.6.1.2.1.47.1.1.1.1.6)	read-only	No	As per MIB
entPhysicalName (1.3.6.1.2.1.47.1.1.1.1.7)	read-only	No	As per MIB
entPhysicalHardwareRev (1.3.6.1.2.1.47.1.1.1.1.8)	read-only	No	As per MIB
entPhysicalFirmwareRev (1.3.6.1.2.1.47.1.1.1.1.9)	read-only	No	As per MIB
entPhysicalSoftwareRev (1.3.6.1.2.1.47.1.1.1.1.10)	read-only	No	As per MIB
entPhysicalSerialNum (1.3.6.1.2.1.47.1.1.1.1.11)	read-write	No	Only support read operation
entPhysicalMfgName (1.3.6.1.2.1.47.1.1.1.1.12)	read-only	No	As per MIB
entPhysicalModelName (1.3.6.1.2.1.47.1.1.1.1.13)	read-only	No	As per MIB
entPhysicalAlias (1.3.6.1.2.1.47.1.1.1.1.14)	read-write	No	Not supported
entPhysicalAssetID (1.3.6.1.2.1.47.1.1.1.1.15)	read-write	No	Not supported
entPhysicalIsFRU (1.3.6.1.2.1.47.1.1.1.1.16)	read-only	No	As per MIB
entPhysicalMfgDate (1.3.6.1.2.1.47.1.1.1.1.17)	read-only	No	As per MIB
entPhysicalUris (1.3.6.1.2.1.47.1.1.1.1.18)	read-write	No	Only support read operation

entPhysicalIsFRU

entity	entPhysicalIsFRU
Unit	True(1)
Slot	False(2)
SubSlot	False(2)
PowerSupply	True(1)
Fan	True(1)

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entity	entPhysicalsFRU
Board	False(2)
SubCard	True(1)
Port	If an optical module port, True(1); else, False(2)
Fabric	False(2)

5.2 entLogicalTable

OID of this table is: 1.3.6.1.2.1.47.1.2.1

This table is not supported.

Name	Access	PDS	Description
entLogicalIndex (1.3.6.1.2.1.47.1.2.1.1.1)	not-accessible	No	As per MIB
entLogicalDescr (1.3.6.1.2.1.47.1.2.1.1.2)	read-only	No	As per MIB
entLogicalType (1.3.6.1.2.1.47.1.2.1.1.3)	read-only	No	As per MIB
entLogicalCommunity (1.3.6.1.2.1.47.1.2.1.1.4)	read-only	No	As per MIB
entLogicalTAddress (1.3.6.1.2.1.47.1.2.1.1.5)	read-only	No	As per MIB
entLogicalTDomain (1.3.6.1.2.1.47.1.2.1.1.6)	read-only	No	As per MIB
entLogicalContextEngineID (1.3.6.1.2.1.47.1.2.1.1.7)	read-only	No	As per MIB
entLogicalContextName (1.3.6.1.2.1.47.1.2.1.1.8)	read-only	No	As per MIB

5.3 entLPMappingTable

OID of this table is: 1.3.6.1.2.1.47.1.3.1

This table is not supported.

Name	Access	PDS	Description
entLPPhysicalIndex (1.3.6.1.2.1.47.1.3.1.1.1)	read-only	No	As per MIB

5.4 entAliasMappingTable

OID of this table is: 1.3.6.1.2.1.47.1.3.2

Companion

Name	Access	PDS	Description
entAliasLogicalIndexOrZero (1.3.6.1.2.1.47.1.3.2.1.1)	not-accessible	No	As per MIB
entAliasMappingIdentifier (1.3.6.1.2.1.47.1.3.2.1.2)	read-only	No	As per MIB

5.5 entPhysicalContainsTable

OID of this table is: 1.3.6.1.2.1.47.1.3.3

Name	Access	PDS	Description
entPhysicalChildIndex (1.3.6.1.2.1.47.1.3.3.1.1)	read-only	No	As per MIB

5.6 entityGeneral Group

OID of this table is: 1.3.6.1.2.1.47.1.4

Name	Access	PDS	Description
entLastChangeTime (1.3.6.1.2.1.47.1.4.1)	read-only	No	As per MIB

5.7 entityMIBTraps

OID of this table is: 1.3.6.1.2.1.47.2

Name	Access	PDS	Description
entConfigChange (1.3.6.1.2.1.47.2.0.1)	NA	No	Not supported

6 EtherLike-MIB

6.1 dot3StatsTable

OID of this table is: 1.3.6.1.2.1.10.7.2

Name	Access	PDS	Description
dot3StatsIndex (1.3.6.1.2.1.10.7.2.1.1)	read-only	Current	As per MIB
dot3StatsAlignmentErrors (1.3.6.1.2.1.10.7.2.1.2)	read-only	No	As per MIB
dot3StatsFCSErrors (1.3.6.1.2.1.10.7.2.1.3)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
dot3StatsSingleCollisionFrames (1.3.6.1.2.1.10.7.2.1.4)	read-only	No	As per MIB
dot3StatsMultipleCollisionFrames (1.3.6.1.2.1.10.7.2.1.5)	read-only	No	As per MIB
dot3StatsSQETestErrors (1.3.6.1.2.1.10.7.2.1.6)	read-only	No	As per MIB
dot3StatsDeferredTransmissions (1.3.6.1.2.1.10.7.2.1.7)	read-only	No	As per MIB
dot3StatsLateCollisions (1.3.6.1.2.1.10.7.2.1.8)	read-only	No	As per MIB
dot3StatsExcessiveCollisions (1.3.6.1.2.1.10.7.2.1.9)	read-only	No	As per MIB
dot3StatsInternalMacTransmitErrors (1.3.6.1.2.1.10.7.2.1.10)	read-only	No	As per MIB
dot3StatsCarrierSenseErrors (1.3.6.1.2.1.10.7.2.1.11)	read-only	No	As per MIB
dot3StatsFrameTooLongs (1.3.6.1.2.1.10.7.2.1.13)	read-only	No	As per MIB
dot3StatsInternalMacReceiveErrors (1.3.6.1.2.1.10.7.2.1.16)	read-only	No	As per MIB
dot3StatsEtherChipSet (1.3.6.1.2.1.10.7.2.1.17)	read-only	Yes	Not supported
dot3StatsSymbolErrors (1.3.6.1.2.1.10.7.2.1.18)	read-only	No	As per MIB
dot3StatsDuplexStatus (1.3.6.1.2.1.10.7.2.1.19)	read-only	No	As per MIB
dot3StatsRateControlAbility (1.3.6.1.2.1.10.7.2.1.20)	read-only	Current	As per MIB
dot3StatsRateControlStatus (1.3.6.1.2.1.10.7.2.1.21)	read-only	Current	As per MIB

6.2 dot3CollTable

OID of this table is: 1.3.6.1.2.1.10.7.5

Name	Access	PDS	Description
dot3CollCount (1.3.6.1.2.1.10.7.5.1.2)	not-accessible	No	As per MIB
dot3CollFrequencies (1.3.6.1.2.1.10.7.5.1.3)	read-only	No	As per MIB

6.3 dot3ControlTable

OID of this table is: 1.3.6.1.2.1.10.7.9

Name	Access	PDS	Description
dot3ControlFunctionsSupported (1.3.6.1.2.1.10.7.9.1.1)	read-only	Yes	As per MIB
dot3ControlInUnknownOpCodes (1.3.6.1.2.1.10.7.9.1.2)	read-only	No	As per MIB
dot3HCControlInUnknownOpCodes(1.3.6.1.2.1.10.7.9.1.3)	read-only	No	As per MIB

6.4 dot3PauseTable

OID of this table is: 1.3.6.1.2.1.10.7.10

Name	Access	PDS	Description
dot3PauseAdminMode (1.3.6.1.2.1.10.7.10.1.1)	read-write	Current	Only support read operation
dot3PauseOperMode (1.3.6.1.2.1.10.7.10.1.2)	read-only	No	As per MIB
dot3InPauseFrames (1.3.6.1.2.1.10.7.10.1.3)	read-only	No	As per MIB
dot3OutPauseFrames (1.3.6.1.2.1.10.7.10.1.4)	read-only	No	As per MIB
dot3HCInPauseFrames (1.3.6.1.2.1.10.7.10.1.5)	read-only	No	As per MIB
dot3HCOutPauseFrames (1.3.6.1.2.1.10.7.10.1.6)	read-only	No	As per MIB

6.5 dot3HCStatsTable

OID of this table is: 1.3.6.1.2.1.10.7.11

Name	Access	PDS	Description
dot3HCStatsAlignmentErrors (1.3.6.1.2.1.10.7.11.1.1)	read-only	No	As per MIB
dot3HCStatsFCSErrors (1.3.6.1.2.1.10.7.11.1.2)	read-only	No	As per MIB
dot3HCStatsInternalMacTransmitErrors (1.3.6.1.2.1.10.7.11.1.3)	read-only	No	As per MIB
dot3HCStatsFrameTooLongs (1.3.6.1.2.1.10.7.11.1.4)	read-only	No	As per MIB
dot3HCStatsInternalMacRece	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
iveErrors (1.3.6.1.2.1.10.7.11.1.5)			
dot3HCStatsSymbolErrors (1.3.6.1.2.1.10.7.11.1.6)	read-only	No	As per MIB

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7.1 fcmPortTable

OID of this table is: 1.3.6.1.2.1.10.56.1.3

Name	Access	PDS	Description
fcmPortInstanceIndex (1.3.6.1.2.1.10.56.1.3.1.1)	read-only	No	The value is always 1.
fcmPortWwn (1.3.6.1.2.1.10.56.1.3.1.2)	read-only	No	As per MIB
fcmPortNodeWwn (1.3.6.1.2.1.10.56.1.3.1.3)	read-only	No	The value is always zero-length string.
fcmPortAdminType (1.3.6.1.2.1.10.56.1.3.1.4)	read-write	Current	Only support N_Port(4), F_Port(6), E_Port(8), G_Port(10).
fcmPortOperType (1.3.6.1.2.1.10.56.1.3.1.5)	read-only	No	Only support N_Port(4), F_Port(6), E_Port(8), G_Port(10)
fcmPortFcCapClass (1.3.6.1.2.1.10.56.1.3.1.6)	read-only	No	As per MIB
fcmPortFcOperClass (1.3.6.1.2.1.10.56.1.3.1.7)	read-only	No	As per MIB
fcmPortTransmitterType (1.3.6.1.2.1.10.56.1.3.1.8)	read-only	No	The value is always unknown(1).
fcmPortConnectorType (1.3.6.1.2.1.10.56.1.3.1.9)	read-only	No	The value is always unknown(1).
fcmPortSerialNumber (1.3.6.1.2.1.10.56.1.3.1.10)	read-only	No	The value is always zero-length string.
fcmPortPhysicalNumber (1.3.6.1.2.1.10.56.1.3.1.11)	read-only	No	As per MIB
fcmPortAdminSpeed (1.3.6.1.2.1.10.56.1.3.1.12)	read-write	Current	VFC port only support read operation, and the value of VFC port is always auto(1).

Companion

Name	Access	PDS	Description
fcmPortCapProtocols (1.3.6.1.2.1.10.56.1.3.1.13)	read-only	No	The value is always unknown(0).
fcmPortOperProtocols (1.3.6.1.2.1.10.56.1.3.1.14)	read-only	No	The value is always unknown(0).

7.2 fcmISPortTable

OID of this table is: 1.3.6.1.2.1.10.56.1.8

Name	Access	PDS	Description
fcmISPortClassFCredit (1.3.6.1.2.1.10.56.1.8.1.1)	read-write	No	Only support read operation
fcmISPortClassFDataFieldSize (1.3.6.1.2.1.10.56.1.8.1.2)	read-only	No	As per MIB

7.3 fcmFLoginTable

OID of this table is: 1.3.6.1.2.1.10.56.1.9

Name	Access	PDS	Description
fcmFLoginNxPortIndex (1.3.6.1.2.1.10.56.1.9.1.1)	not-accessible	No	As per MIB
fcmFLoginPortWwn (1.3.6.1.2.1.10.56.1.9.1.2)	read-only	No	As per MIB
fcmFLoginNodeWwn (1.3.6.1.2.1.10.56.1.9.1.3)	read-only	No	As per MIB
fcmFLoginBbCreditModel (1.3.6.1.2.1.10.56.1.9.1.4)	read-only	No	The value is always regular(1)
fcmFLoginBbCredit (1.3.6.1.2.1.10.56.1.9.1.5)	read-only	No	As per MIB
fcmFLoginClassesAgreed (1.3.6.1.2.1.10.56.1.9.1.6)	read-only	No	The value is always class3(3).
fcmFLoginClass2SeqDelivAgreed (1.3.6.1.2.1.10.56.1.9.1.7)	read-only	No	The value is always false(2).
fcmFLoginClass2DataFieldSize (1.3.6.1.2.1.10.56.1.9.1.8)	read-only	No	The value is always 2112.
fcmFLoginClass3SeqDelivAgreed (1.3.6.1.2.1.10.56.1.9.1.9)	read-only	No	The value is always false(2).

Companion

Name	Access	PDS	Description
fcmFLoginClass3DataFieldSize (1.3.6.1.2.1.10.56.1.9.1.10)	read-only	No	The value is always 2112.

7.4 fcmLinkTable

OID of this table is: 1.3.6.1.2.1.10.56.1.10

Name	Access	PDS	Description
fcmLinkIndex (1.3.6.1.2.1.10.56.1.10.1.1)	not-accessible	No	As per MIB
fcmLinkEnd1NodeWwn (1.3.6.1.2.1.10.56.1.10.1.2)	read-only	No	The value is always zero-length string.
fcmLinkEnd1PhysPortNumber (1.3.6.1.2.1.10.56.1.10.1.3)	read-only	No	As per MIB
fcmLinkEnd1PortWwn (1.3.6.1.2.1.10.56.1.10.1.4)	read-only	No	As per MIB
fcmLinkEnd2NodeWwn (1.3.6.1.2.1.10.56.1.10.1.5)	read-only	No	As per MIB
fcmLinkEnd2PhysPortNumber (1.3.6.1.2.1.10.56.1.10.1.6)	read-only	No	The value is always zero
fcmLinkEnd2PortWwn (1.3.6.1.2.1.10.56.1.10.1.7)	read-only	No	As per MIB
fcmLinkEnd2AgentAddress (1.3.6.1.2.1.10.56.1.10.1.8)	read-only	No	As per MIB
fcmLinkEnd2PortType (1.3.6.1.2.1.10.56.1.10.1.9)	read-only	No	As per MIB
fcmLinkEnd2UnitType (1.3.6.1.2.1.10.56.1.10.1.10)	read-only	No	The value is always other(0).
fcmLinkEnd2FcAddressId (1.3.6.1.2.1.10.56.1.10.1.11)	read-only	No	The value is always zero-length string.

7.5 fcmSwitchTable

OID of this table is: 1.3.6.1.2.1.10.56.1.2

Name	Access	PDS	Description
fcmSwitchIndex (1.3.6.1.2.1.10.56.1.2.1.1)	not-accessible	No	As per MIB
fcmSwitchDomainId (1.3.6.1.2.1.10.56.1.2.1.2)	read-write	No	Only support read

Companion

Name	Access	PDS	Description
fcmSwitchPrincipal (1.3.6.1.2.1.10.56.1.2.1.3)	read-only	No	As per MIB
fcmSwitchWWN (1.3.6.1.2.1.10.56.1.2.1.4)	read-only	No	As per MIB

7.6 fcmPortErrorsTable

OID of this table is: 1.3.6.1.2.1.10.56.1.6

Name	Access	PDS	Description
fcmPortLinkFailures (1.3.6.1.2.1.10.56.1.6.1.6)	read-only	No	As per MIB
fcmPortLossOfSynchs (1.3.6.1.2.1.10.56.1.6.1.7)	read-only	No	As per MIB
fcmPortPrimSeqProtocolErrors (1.3.6.1.2.1.10.56.1.6.1.9)	read-only	No	As per MIB
fcmPortInvalidCRCs (1.3.6.1.2.1.10.56.1.6.1.11)	read-only	No	As per MIB
fcmPortFrameTooLongs (1.3.6.1.2.1.10.56.1.6.1.13)	read-only	No	As per MIB
fcmPortTruncatedFrames (1.3.6.1.2.1.10.56.1.6.1.14)	read-only	No	As per MIB

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8.1 Scalar Objects

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

8.2 dot1agCfmMdTable

OID of this table is: 1.3.111.2.802.1.1.8.1.5.2

Name	Access	PDS	Description
dot1agCfmMdIndex (1.3.111.2.802.1.1.8.1.5.2.1.1)	not-accessible	Current	As per MIB

Companion

dot1agCfmMdFormat (1.3.111.2.802.1.1.8.1.5.2.1.2)	read-create	Current	Only support none(1), dnsLikeName(2), macAddressAndUint(3), charString(4)
dot1agCfmMdName (1.3.111.2.802.1.1.8.1.5.2.1.3)	read-create	Current	Can not be modified after creation
dot1agCfmMdMdLevel (1.3.111.2.802.1.1.8.1.5.2.1.4)	read-create	Current	Can not be modified after creation
dot1agCfmMdMhfCreation (1.3.111.2.802.1.1.8.1.5.2.1.5)	read-create	No	Only support defMHFnone(1).
dot1agCfmMdMhfIdPermissio n (1.3.111.2.802.1.1.8.1.5.2.1.6)	read-create	Yes	The value is always sendIdNone(1)
dot1agCfmMdMaNextIndex (1.3.111.2.802.1.1.8.1.5.2.1.7)	read-only	Current	As per MIB
dot1agCfmMdRowStatus (1.3.111.2.802.1.1.8.1.5.2.1.8)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

8.3 dot1agCfmMaNetTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.1

Name	Access	PDS	Description
dot1agCfmMaIndex (1.3.111.2.802.1.1.8.1.6.1.1.1)	not-accessible	Current	As per MIB
dot1agCfmMaNetFormat (1.3.111.2.802.1.1.8.1.6.1.1.2)	read-create	Current	Only support primaryVid (1), charString(2), unsignedInt16 (3), ICCformat (32)
dot1agCfmMaNetName (1.3.111.2.802.1.1.8.1.6.1.1.3)	read-create	Current	Can not be modified after creation

Companion

dot1agCfmMaNetCcmInterval (1.3.111.2.802.1.1.8.1.6.1.1.4)	read-create	Current	As per MIB The default value is Interval1s(4)
dot1agCfmMaNetRowStatus (1.3.111.2.802.1.1.8.1.6.1.1.5)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

8.4 dot1agCfmMaMepListTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.3

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

8.5 dot1agCfmMepTable

OID of this table is: 1.3.111.2.802.1.1.8.1.7.1

Name	Access	PDS	Description
dot1agCfmMepIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.1)	not-accessible	Current	Can not be modified after creation
dot1agCfmMepIfIndex (1.3.111.2.802.1.1.8.1.7.1.1.2)	read-create	Current	As per MIB
dot1agCfmMepDirection (1.3.111.2.802.1.1.8.1.7.1.1.3)	read-create	Current	Can not be modified after creation
dot1agCfmMepPrimaryVid (1.3.111.2.802.1.1.8.1.7.1.1.4)	read-create	Yes	The value is always 0.
dot1agCfmMepActive (1.3.111.2.802.1.1.8.1.7.1.1.5)	read-create	Current	As per MIB

Companion

dot1agCfmMepFngState (1.3.111.2.802.1.1.8.1.7.1.1.6)	read-only	No	As per MIB
dot1agCfmMepCciEnabled (1.3.111.2.802.1.1.8.1.7.1.1.7)	read-create	Current	As per MIB
dot1agCfmMepCcmLtmPriority (1.3.111.2.802.1.1.8.1.7.1.1.8)	read-create	No	Not supported
dot1agCfmMepMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.9)	read-only	No	Not supported
dot1agCfmMepLowPrDef (1.3.111.2.802.1.1.8.1.7.1.1.10)	read-create	No	Not supported
dot1agCfmMepFngAlarmTime (1.3.111.2.802.1.1.8.1.7.1.1.11)	read-create	No	Not supported
dot1agCfmMepFngResetTime (1.3.111.2.802.1.1.8.1.7.1.1.12)	read-create	No	Not supported
dot1agCfmMepHighestPrDefect (1.3.111.2.802.1.1.8.1.7.1.1.13)	read-only	No	Only support defRemoteCCM(3), defErrorCCM(4), defXconCCM (5)
dot1agCfmMepDefects (1.3.111.2.802.1.1.8.1.7.1.1.14)	read-only	No	Not supported
dot1agCfmMepErrorCcmLastFailure (1.3.111.2.802.1.1.8.1.7.1.1.15)	read-only	No	Not supported
dot1agCfmMepXconCcmLastFailure (1.3.111.2.802.1.1.8.1.7.1.1.16)	read-only	No	Not supported
dot1agCfmMepCcmSequenceErrors (1.3.111.2.802.1.1.8.1.7.1.1.17)	read-only	No	Not supported

Companion

dot1agCfmMepCciSentCcms (1.3.111.2.802.1.1.8.1.7.1.1.1 8)	read-only	No	Not supported
dot1agCfmMepNextLbmTransld (1.3.111.2.802.1.1.8.1.7.1.1.1 9)	read-only	No	Not supported
dot1agCfmMepLbrln (1.3.111.2.802.1.1.8.1.7.1.1.2 0)	read-only	No	Not supported
dot1agCfmMepLbrlnOutOfOrder (1.3.111.2.802.1.1.8.1.7.1.1.2 1)	read-only	No	Not supported
dot1agCfmMepLbrBadMsdu (1.3.111.2.802.1.1.8.1.7.1.1.2 2)	read-only	No	Not supported
dot1agCfmMepLtmNextSeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.2 3)	read-only	No	Not supported
dot1agCfmMepUnexpLtrln (1.3.111.2.802.1.1.8.1.7.1.1.2 4)	read-only	No	Not supported
dot1agCfmMepLbrOut (1.3.111.2.802.1.1.8.1.7.1.1.2 5)	read-only	No	Not supported
dot1agCfmMepTransmitLbmStatus (1.3.111.2.802.1.1.8.1.7.1.1.2 6)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDestMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.2 7)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDestMepId (1.3.111.2.802.1.1.8.1.7.1.1.2 8)	read-create	No	Not supported
dot1agCfmMepTransmitLbmDestIsMepId (1.3.111.2.802.1.1.8.1.7.1.1.2 9)	read-create	No	Not supported

Companion

dot1agCfmMepTransmitLbm Messages (1.3.111.2.802.1.1.8.1.7.1.1.3 0)	read-create	No	Not supported
dot1agCfmMepTransmitLbm DataTlv (1.3.111.2.802.1.1.8.1.7.1.1.3 1)	read-create	No	Not supported
dot1agCfmMepTransmitLbm VlanPriority (1.3.111.2.802.1.1.8.1.7.1.1.3 2)	read-create	No	Not supported
dot1agCfmMepTransmitLbm VlanDropEnable (1.3.111.2.802.1.1.8.1.7.1.1.3 3)	read-create	No	Not supported
dot1agCfmMepTransmitLbm ResultOK (1.3.111.2.802.1.1.8.1.7.1.1.3 4)	read-only	No	Not supported
dot1agCfmMepTransmitLbm SeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.3 5)	read-only	No	Not supported
dot1agCfmMepTransmitLtmS tatus (1.3.111.2.802.1.1.8.1.7.1.1.3 6)	read-only	No	Not supported
dot1agCfmMepTransmitLtmFl ags (1.3.111.2.802.1.1.8.1.7.1.1.3 7)	read-create	No	Not supported
dot1agCfmMepTransmitLtmT argetMacAddress (1.3.111.2.802.1.1.8.1.7.1.1.3 8)	read-create	No	Not supported
dot1agCfmMepTransmitLtmT argetMepId (1.3.111.2.802.1.1.8.1.7.1.1.3 9)	read-create	No	Not supported

Companion

dot1agCfmMepTransmitLtmTargetIsMepId (1.3.111.2.802.1.1.8.1.7.1.1.40)	read-create	No	Not supported
dot1agCfmMepTransmitLtmTtl (1.3.111.2.802.1.1.8.1.7.1.1.41)	read-create	No	Not supported
dot1agCfmMepTransmitLtmResult (1.3.111.2.802.1.1.8.1.7.1.1.42)	read-only	No	Not supported
dot1agCfmMepTransmitLtmSeqNumber (1.3.111.2.802.1.1.8.1.7.1.1.43)	read-only	No	Not supported
dot1agCfmMepTransmitLtmEgressIdentifier (1.3.111.2.802.1.1.8.1.7.1.1.44)	read-create	No	Not supported
dot1agCfmMepRowStatus (1.3.111.2.802.1.1.8.1.7.1.1.45)	read-create	Current	As per MIB

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9.1 ieee8021CfmMaCompTable

OID of this table is: 1.3.111.2.802.1.1.8.1.6.4

Name	Access	PDS	Description
ieee8021CfmMaComponentId (1.3.111.2.802.1.1.8.1.6.4.1.1)	not-accessible	Current	The value is always 1
ieee8021CfmMaCompPrimarySelectorType (1.3.111.2.802.1.1.8.1.6.4.1.2)	read-create	Current	Only support vlanid(1)

Companion

ieee8021CfmMaCompPrimarySelectorOrNone (1.3.111.2.802.1.1.8.1.6.4.1.3)	read-create	Current	Can not be modified after creation
ieee8021CfmMaCompMhfCreation (1.3.111.2.802.1.1.8.1.6.4.1.4)	read-create	Current	As per MIB
ieee8021CfmMaCompIdPermission (1.3.111.2.802.1.1.8.1.6.4.1.5)	read-create	No	Only support sendIdNone (1) and sendIdDefer (5)
ieee8021CfmMaCompNumberOfVids (1.3.111.2.802.1.1.8.1.6.4.1.6)	read-only	No	Only support read operation. The value is always 1.
ieee8021CfmMaCompRowStatus (1.3.111.2.802.1.1.8.1.6.4.1.7)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

10 IEEE8021-EVB-MIB

The EVB MIB module for managing devices that support Ethernet Virtual Bridging.

Unless otherwise indicated, the references in this MIB module are to IEEE Std 802.1Q-2011.

10.1 Scalar Objects

Name	Access	PDS	Description
ieee8021BridgeEvbSysType (1.3.111.2.802.1.1.24.1.1)	read-only	Yes	The value is always evbBridge(1)
ieee8021BridgeEvbSysNumExternalPorts	read-only	Yes	This parameter

Companion

Name	Access	PDS	Description
(1.3.111.2.802.1.1.24.1.1.2)			indicates how many ports are supported on the EVB Bridge
ieee8021BridgeEvbSysEvbLldpTxEnable (1.3.111.2.802.1.1.24.1.1.3)	read-write	Yes	Only support read operation The value is always true(1)
ieee8021BridgeEvbSysEvbLldpManual (1.3.111.2.802.1.1.24.1.1.4)	read-write	Yes	Only support read operation The value is always false(2)
ieee8021BridgeEvbSysEvbLldpGidCapable (1.3.111.2.802.1.1.24.1.1.5)	read-write	Yes	Only support read operation The value is always true(1)
ieee8021BridgeEvbSysEcpAckTimer (1.3.111.2.802.1.1.24.1.1.6)	read-write	Yes	Only support read operation The value is always 16
ieee8021BridgeEvbSysEcpMaxRetries (1.3.111.2.802.1.1.24.1.1.7)	read-write	Yes	Only support read operation The value is always 3
ieee8021BridgeEvbSysVdpDfItRsrcWaitDelay (1.3.111.2.802.1.1.24.1.1.8)	read-write	Yes	Only support read operation The value is always 20
ieee8021BridgeEvbSysVdpDfItReinitKeepAlive (1.3.111.2.802.1.1.24.1.1.9)	read-write	Yes	Only support read operation The value is always 20

10.2 ieee8021BridgeEvbSbpTable

OID of this table is: 1.3.111.2.802.1.1.24.1.1.10

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
ieee8021BridgeEvb SbpComponentID(1.3.11 1.2.802.1.1.24.1.1.10.1.1)	not- accessi ble	Yes	The value is always 1
ieee8021BridgeEvb SbpPortNumber(1.3.111. 2.802.1.1.24.1.1.10.1.2)	not-accessib le	Current	As per MIB
ieee8021BridgeEvbSbpLdpM anual(1.3.111.2.802.1.1.24.1. 1.10.1.3)	read-write	Current	Only support read operation, The value is always false(2)
ieee8021BridgeEvbSbpVdpO perRsrcWaitDelay(1.3.111.2. 802.1.1.24.1.1.10.1.4)	read-only	Current	The syntax of this object is timer exp, without unit
ieee8021BridgeEvbSbpVdpO perReinitKeepAlive(1.3.111.2 .802.1.1.24.1.1.10.1.5)	read-only	Current	The syntax of this object is timer exp, without unit
ieee8021BridgeEvbSbpVdpO perToutKeepAlive(1.3.111.2. 802.1.1.24.1.1.10.1.6)	read-only	Current	As per MIB

10.3 ieee8021BridgeEvbVSIDBTable

OID of this table is: 1.3.111.2.802.1.1.24.1.2.1

Name	Access	PDS	Description
ieee8021BridgeEvb VSIComponentID(1.3.11 1.2.802.1.1.24.1.2.1.1.1)	not- accessi ble	Yes	The value is always 1
ieee8021BridgeEvb VSIPortNumber(1.3.111. 2.802.1.1.24.1.2.1.1.2)	not-accessib le	Current	As per MIB
ieee8021BridgeEvbVSIIDTyp e(1.3.111.2.802.1.1.24.1.2.1. 1.3)	not-accessib le	Current	As per MIB

Companion

Name	Access	PDS	Description
ieee8021BridgeEvbVSIID(1.3.111.2.802.1.1.24.1.2.1.1.4)	not-accessible	Current	As per MIB
ieee8021BridgeEvbVSITimeSinceCreate(1.3.111.2.802.1.1.24.1.2.1.1.5)	read-only	Current	As per MIB
ieee8021BridgeEvbVsiVdpOperCmd(1.3.111.2.802.1.1.24.1.2.1.1.6)	read-only	Current	As per MIB
ieee8021BridgeEvbVsiOperRevert(1.3.111.2.802.1.1.24.1.2.1.1.7)	read-only	Current	As per MIB
ieee8021BridgeEvbVsiOperHard(1.3.111.2.802.1.1.24.1.2.1.1.8)	read-only	Current	As per MIB
ieee8021BridgeEvbVsiOperReason(1.3.111.2.802.1.1.24.1.2.1.1.9)	read-only	Current	As per MIB
ieee8021BridgeEvbVSIMgrID(1.3.111.2.802.1.1.24.1.2.1.1.10)	read-only	Current	The value is always ""
ieee8021BridgeEvbVSIType(1.3.111.2.802.1.1.24.1.2.1.1.11)	read-only	Current	As per MIB
ieee8021BridgeEvbVSITypeVersion(1.3.111.2.802.1.1.24.1.2.1.1.12)	read-only	Current	As per MIB
ieee8021BridgeEvbVSI MvFormat(1.3.111.2.802.1.1.24.1.2.1.1.13)	read-only	Current	basic(1) means MAC+VLAN format,vlanOnly(3) means VLAN format,partial(2) means others.
ieee8021BridgeEvbVSI Num MACs(1.3.111.2.802.1.1.24.1.2.1.1.14)	read-only	Current	As per MIB
ieee8021BridgeEvbVDPMach	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
ineState(1.3.111.2.802.1.1.24.1.2.1.1.15)			
ieee8021BridgeEvbVDPCommandsSucceeded(1.3.111.2.802.1.1.24.1.2.1.1.16)	read-only	No	As per MIB
ieee8021BridgeEvbVDPCommandsFailed(1.3.111.2.802.1.1.24.1.2.1.1.17)	read-only	No	As per MIB
ieee8021BridgeEvbVDPCommandReverts(1.3.111.2.802.1.1.24.1.2.1.1.18)	read-only	No	As per MIB
ieee8021BridgeEvbVDPCounterDiscontinuity(1.3.111.2.802.1.1.24.1.2.1.1.19)	read-only	No	As per MIB

10.4 ieee8021BridgeEvbVSIDBMacTable

OID of this table is: 1.3.111.2.802.1.1.24.1.2.2

Name	Access	PDS	Description
ieee8021BridgeEvbGroupID (1.3.111.2.802.1.1.24.1.2.2.1.1)	not-accessible	Current	As per MIB
ieee8021BridgeEvbVSIMac (1.3.111.2.802.1.1.24.1.2.2.1.2)	not-accessible	Current	If the filter information doesn't contain MAC, then the value of the object is 00:00:00:00:00:00
ieee8021BridgeEvbVSIVlanId (1.3.111.2.802.1.1.24.1.2.2.1.3)	read-only	Current	As per MIB

10.5 ieee8021BridgeEvbUAPConfigTable

NOTE: All objects of the table will be deleted except

Companion

ieee8021BridgeEvbUAPConfigRowStatus.

OID of this table is: 1.3.111.2.802.1.1.24.1.3.1

Name	Access	PDS	Description
ieee8021BridgeEvbUAP ComponentId(1.3.111.2.802.1 .1.24.1.3.1.1.1)	r read-only	Current	The value is always 1
ieee8021BridgeEvbUAP Port(1.3.111.2.802.1.1.24.1.3. 1.1.2)	r read-only	Current	As per MIB
ieee8021BridgeEvbUapC onfigIfIndex(1.3.111.2.802.1.1 .24.1.3.1.1.3)	r read-only	Current	As per MIB
ieee8021BridgeEvbUAP SchCdcAdminEnable(1.3.11 1.2.802.1.1.24.1.3.1.1.4)	r read-create	Current	Only support read operation, The value is always true(1)
ieee8021BridgeEvbUAP SchAdminCDCPRole(1.3.111 .2.802.1.1.24.1.3.1.1.5)	r read-create	Current	Only support read operation, The value is always cdcpRoleB(1)
ieee8021BridgeEvbUAP SchAdminCDCPChanCap(1.3 .111.2.802.1.1.24.1.3.1.1.6)	r read-create	Current	Only support read operation, The value is always 167
ieee8021BridgeEvbUAP SchOperCDCPChanCap(1.3. 111.2.802.1.1.24.1.3.1.1.7)	read-only	Current	The value is always 167
ieee8021BridgeEvbUAP SchAdminCDCPSVIDPoolLo w(1.3.111.2.802.1.1.24.1.3.1. 1.8)	read-creat e	Current	Only support read operation, The value is always 2

Companion

Name	Access	PDS	Description
ieee8021BridgeEvbUAP SchAdminCDCPSVIDPoolHigh(1.3.111.2.802.1.1.24.1.3.1.1.9)	read-crea e	Current	Only support read operation, The value is always 4094
ieee8021BridgeEvbUAP SchOperState(1.3.111.2.802.1.1.24.1.3.1.1.10)	read-only	Current	The value is always running (1)
ieee8021BridgeEvbSchC dcpRemoteEnabled(1.3.111.2.802.1.1.24.1.3.1.1.11)	read-only	Current	The default value is disable(2)
ieee8021BridgeEvbSchC dcpRemoteRole(1.3.111.2.802.1.1.24.1.3.1.1.12)	read-only	Current	The value is always cdcRoleS(2)
ieee8021BridgeEvbUAP ConfigStorageType(1.3.111.2.802.1.1.24.1.3.1.1.13)	read-crea e	Current	Only support read operation, The value is always volatile(2)
ieee8021BridgeEvbUAP ConfigRowStatus(1.3.111.2.802.1.1.24.1.3.1.1.14)	read-crea e	Current	Only support active(1),createAndGo(4) and destroy(6)

10.6 ieee8021BridgeEvbCAPConfigTable

OID of this table is: 1.3.111.2.802.1.1.24.1.3.2

Name	Access	PDS	Description
ieee8021BridgeEvbSchI D(1.3.111.2.802.1.1.24.1.3.2.1.1)	not-access ible	Current	As per MIB

Companion

Name	Access	PDS	Description
ieee8021BridgeEvbCAP ComponentId(1.3.111.2.802.1 .1.24.1.3.2.1.2)	read-only	Yes	The value is always 1
ieee8021BridgeEvbCapC onfigIfIndex(1.3.111.2.802.1.1 .24.1.3.2.1.3)	read-only	Current	As per MIB
ieee8021BridgeEvbCAP Port(1.3.111.2.802.1.1.24.1.3. 2.1.4)	read-only	Current	As per MIB
ieee8021BridgeEvbCAP SChannelID(1.3.111.2.802.1. 1.24.1.3.2.1.5)	read-only	Current	As per MIB
ieee8021BridgeEvbCAP AssociateSBPOrURPCompID (1.3.111.2.802.1.1.24.1.3.2.1. 6)	read-write	Yes	Only support read operation,The value is always 1
ieee8021BridgeEvbCAP AssociateSBPOrURPPort(1.3 .111.2.802.1.1.24.1.3.2.1.7)	read-write	Current	Only support read operation
ieee8021BridgeEvbCAP RowStatus(1.3.111.2.802.1.1. 24.1.3.2.1.8)	read-creat e	Current	Only support read operation, The value is always active(1)

10.7 ieee8021BridgeEvbEcpTable

OID of this table is: 1.3.111.2.802.1.1.24.1.3.4

Name	Access	PDS	Description
ieee8021BridgeEvbEcpComponen tId(1.3.111.2.802.1.1.24.1.3.4.1.1)	not-access ible	Yes	The value is always 1

Companion

Name	Access	PDS	Description
ieee8021BridgeEvpEcpPort(1.3.111.2.802.1.1.24.1.3.4.1.2)	not-accessible	Current	As per MIB
ieee8021BridgeEvpEcpOperAckTimerInit(1.3.111.2.802.1.1.24.1.3.4.1.3)	read-only	Current	As per MIB
ieee8021BridgeEvpEcpOperMaxRetries(1.3.111.2.802.1.1.24.1.3.4.1.4)	read-only	Current	As per MIB
ieee8021BridgeEvpEcpTxFrameCount(1.3.111.2.802.1.1.24.1.3.4.1.5)	read-only	No	As per MIB
ieee8021BridgeEvpEcpTxRetryCount(1.3.111.2.802.1.1.24.1.3.4.1.6)	read-only	No	As per MIB
ieee8021BridgeEvpEcpTxFailures(1.3.111.2.802.1.1.24.1.3.4.1.7)	read-only	No	As per MIB
ieee8021BridgeEvpEcpRxFrameCount(1.3.111.2.802.1.1.24.1.3.4.1.8)	read-only	No	As per MIB

11 IEEE8023-LAG-MIB

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

11.1 Scalar objects

OID of this table is: 1.0.8802.1.1.1.1.1

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

11.2 dot3adAggTable

OID of this table is: 1.2.840.10006.300.43.1.1.1

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
dot3adAggIndex (1.2.840.10006.300.43.1.1.1.1)	not-accessible	No	As per MIB
dot3adAggMACAddress (1.2.840.10006.300.43.1.1.1.1.2)	read-only	No	As per MIB
dot3adAggActorSystemPriority (1.2.840.10006.300.43.1.1.1.1.3)	read-write	Current	As per MIB
dot3adAggActorSystemID (1.2.840.10006.300.43.1.1.1.1.4)	read-only	No	As per MIB
dot3adAggAggregateOrIndividual (1.2.840.10006.300.43.1.1.1.1.5)	read-only	No	As per MIB
dot3adAggActorAdminKey (1.2.840.10006.300.43.1.1.1.1.6)	read-write	Current	Only support read operation
dot3adAggActorOperKey (1.2.840.10006.300.43.1.1.1.1.7)	read-only	No	As per MIB
dot3adAggPartnerSystemID (1.2.840.10006.300.43.1.1.1.1.8)	read-only	No	As per MIB
dot3adAggPartnerSystemPriority (1.2.840.10006.300.43.1.1.1.1.9)	read-only	No	As per MIB
dot3adAggPartnerOperKey (1.2.840.10006.300.43.1.1.1.1.10)	read-only	No	As per MIB
dot3adAggCollectorMaxDelay (1.2.840.10006.300.43.1.1.1.1.11)	read-write	Current	Only support read operation. The value is always zero.

11.3 dot3adAggPortListTable

OID of this table is: 1.2.840.10006.300.43.1.1.2

Companion

Name	Access	PDS	Description
dot3adAggPortListPorts (1.2.840.10006.300.43.1.1.2.1.1)	read-only	No	As per MIB

11.4 dot3adAggPortTable

OID of this table is: 1.2.840.10006.300.43.1.2.1

Name	Access	PDS	Description
dot3adAggPortIndex (1.2.840.10006.300.43.1.2.1.1.1)	not-accessible	No	As per MIB
dot3adAggPortActorSystemPriority (1.2.840.10006.300.43.1.2.1.1.2)	read-write	Current	As per MIB
dot3adAggPortActorSystemID (1.2.840.10006.300.43.1.2.1.1.3)	read-only	No	As per MIB
dot3adAggPortActorAdminKey (1.2.840.10006.300.43.1.2.1.1.4)	read-write	Current	As per MIB
dot3adAggPortActorOperKey (1.2.840.10006.300.43.1.2.1.1.5)	read-write	no	Only support read operation
dot3adAggPortPartnerAdminSystemPriority (1.2.840.10006.300.43.1.2.1.1.6)	read-write	Current	Only support read operation. The value is always 32768.
dot3adAggPortPartnerOperSystemPriority (1.2.840.10006.300.43.1.2.1.1.7)	read-only	No	As per MIB
dot3adAggPortPartnerAdminSystemID (1.2.840.10006.300.43.1.2.1.1.8)	read-write	Current	Only support read operation. The value is always zero.
dot3adAggPortPartnerOperS	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
systemID (1.2.840.10006.300.43.1.2.1.1.9)			
dot3adAggPortPartnerAdminKey (1.2.840.10006.300.43.1.2.1.1.10)	read-write	Current	Only support read operation. The value is always zero.
dot3adAggPortPartnerOperKey (1.2.840.10006.300.43.1.2.1.1.11)	read-only	No	As per MIB
dot3adAggPortSelectedAggID (1.2.840.10006.300.43.1.2.1.1.12)	read-only	No	As per MIB
dot3adAggPortAttachedAggID (1.2.840.10006.300.43.1.2.1.1.13)	read-only	No	As per MIB
dot3adAggPortActorPort (1.2.840.10006.300.43.1.2.1.1.14)	read-only	No	As per MIB
dot3adAggPortActorPortPriority (1.2.840.10006.300.43.1.2.1.1.15)	read-write	Current	As per MIB
dot3adAggPortPartnerAdminPort (1.2.840.10006.300.43.1.2.1.1.16)	read-write	Current	Only support read operation. The value is always zero.
dot3adAggPortPartnerOperPort (1.2.840.10006.300.43.1.2.1.1.17)	read-only	No	As per MIB
dot3adAggPortPartnerAdminPortPriority (1.2.840.10006.300.43.1.2.1.1.18)	read-write	current	Only support read operation. The value is always 32768.
dot3adAggPortPartnerOperPortPriority (1.2.840.10006.300.43.1.2.1.1.19)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
1.19)			
dot3adAggPortActorAdminState (1.2.840.10006.300.43.1.2.1.1.20)	read-write	Current	Only the LACP_Timeout bit supports write operation. The value is always A2 or E2 (hex) if the port is a member of dynamic link aggregation group, otherwise 00 (hex).
dot3adAggPortActorOperState (1.2.840.10006.300.43.1.2.1.1.21)	read-only	No	As per MIB
dot3adAggPortPartnerAdminState (1.2.840.10006.300.43.1.2.1.1.22)	read-write	Current	Only support read operation. The value is always 1C hex if the port is a member of dynamic link aggregation group, otherwise 00 hex.
dot3adAggPortPartnerOperState (1.2.840.10006.300.43.1.2.1.1.23)	read-only	No	As per MIB
dot3adAggPortAggregateOrIndividual (1.2.840.10006.300.43.1.2.1.1.24)	read-only	No	As per MIB

11.5 dot3adAggPortStatsTable

OID of this table is: 1.2.840.10006.300.43.1.2.2

Name	Access	PDS	Description
dot3adAggPortStatsLACPDU sRx (1.2.840.10006.300.43.1.2.2.1.1)	read-only	No	As per MIB
dot3adAggPortStatsMarkerP DUsRx (1.2.840.10006.300.43.1.2.2.1.2)	read-only	No	As per MIB
dot3adAggPortStatsMarkerR	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
esponsePDUsRx (1.2.840.10006.300.43.1.2.2.1.3)			
dot3adAggPortStatsUnknownRx (1.2.840.10006.300.43.1.2.2.1.4)	read-only	No	As per MIB
dot3adAggPortStatsIllegalRx (1.2.840.10006.300.43.1.2.2.1.5)	read-only	No	As per MIB
dot3adAggPortStatsLACPDUstx (1.2.840.10006.300.43.1.2.2.1.6)	read-only	No	As per MIB
dot3adAggPortStatsMarkerPDUsTx (1.2.840.10006.300.43.1.2.2.1.7)	read-only	No	As per MIB
dot3adAggPortStatsMarkerResponsePDUsTx (1.2.840.10006.300.43.1.2.2.1.8)	read-only	No	As per MIB

11.6 dot3adAggPortDebugTable

OID of this table is: 1.2.840.10006.300.43.1.2.3

Name	Access	PDS	Description
dot3adAggPortDebugRxState (1.2.840.10006.300.43.1.2.3.1.1)	read-only	No	As per MIB
dot3adAggPortDebugLastRxTime (1.2.840.10006.300.43.1.2.3.1.2)	read-only	No	As per MIB
dot3adAggPortDebugMuxState (1.2.840.10006.300.43.1.2.3.1.3)	read-only	No	As per MIB
dot3adAggPortDebugMuxRe	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
ason (1.2.840.10006.300.43.1.2.3.1.4)			
dot3adAggPortDebugActorChurnState (1.2.840.10006.300.43.1.2.3.1.5)	read-only	No	As per MIB
dot3adAggPortDebugPartnerChurnState (1.2.840.10006.300.43.1.2.3.1.6)	read-only	No	As per MIB
dot3adAggPortDebugActorChurnCount (1.2.840.10006.300.43.1.2.3.1.7)	read-only	No	As per MIB
dot3adAggPortDebugPartnerChurnCount (1.2.840.10006.300.43.1.2.3.1.8)	read-only	No	As per MIB
dot3adAggPortDebugActorSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.9)	read-only	No	Not supported
dot3adAggPortDebugPartnerSyncTransitionCount (1.2.840.10006.300.43.1.2.3.1.10)	read-only	No	Not supported
dot3adAggPortDebugActorChangeCount (1.2.840.10006.300.43.1.2.3.1.11)	read-only	No	As per MIB
dot3adAggPortDebugPartnerChangeCount (1.2.840.10006.300.43.1.2.3.1.12)	read-only	No	As per MIB

12 IEEE8021-SECY-MIB

Define IEEE 802.1AE SecY objects.

12.1 secyIFTable

Table OID: 1.0.8802.1.1.3.1.1.1.

Name	Access	PDS	Description
secyIfInterfaceIndex (1.0.8802.1.1.3.1.1.1.1)	not-accessible	No	As per MIB
secyIfMaxPeerSCs (1.0.8802.1.1.3.1.1.1.2)	read-only	No	Not supported
secyIfRxMaxKeys (1.0.8802.1.1.3.1.1.1.3)	read-only	No	Not supported
secyIfTxMaxKeys (1.0.8802.1.1.3.1.1.1.4)	read-only	No	Not supported
secyIfProtectFramesEnable (1.0.8802.1.1.3.1.1.1.5)	read-write	No	Only support the read operation.
secyIfValidateFrames (1.0.8802.1.1.3.1.1.1.6)	read-write	Current	The default value is check.
secyIfReplayProtectEnable (1.0.8802.1.1.3.1.1.1.7)	read-write	Current	Only support the read operation.
secyIfReplayProtectWindow (1.0.8802.1.1.3.1.1.1.8)	read-write	Current	Only support the read operation.
secyIfCurrentCipherSuite (1.0.8802.1.1.3.1.1.1.9)	read-write	No	Not supported
secyIfAdminPt2PtMAC (1.0.8802.1.1.3.1.1.1.10)	read-only	No	Not supported
secyIfOperPt2PtMAC (1.0.8802.1.1.3.1.1.1.11)	read-only	No	Not supported
secyIfIncludeSCIEnable (1.0.8802.1.1.3.1.1.1.12)	read-write	No	Not supported
secyIfUseESEnable (1.0.8802.1.1.3.1.1.1.13)	read-write	No	Not supported
secyIfUseSCBEnable (1.0.8802.1.1.3.1.1.1.14)	read-write	No	Not supported

12.2 secyTxSCTable

Table OID: 1.0.8802.1.1.3.1.1.2.

Companion

Name	Access	PDS	Description
secyTxSCI (1.0.8802.1.1.3.1.1.2.1.1)	read-only	No	As per MIB
secyTxSCState (1.0.8802.1.1.3.1.1.2.1.2)	read-only	No	Not supported
secyTxSCEncodingSA (1.0.8802.1.1.3.1.1.2.1.3)	read-only	No	As per MIB
secyTxSCEncipheringSA (1.0.8802.1.1.3.1.1.2.1.4)	read-only	No	As per MIB
secyTxSCCreatedTime (1.0.8802.1.1.3.1.1.2.1.5)	read-only	No	Not supported
secyTxSCStartedTime (1.0.8802.1.1.3.1.1.2.1.6)	read-only	No	Not supported
secyTxSCStoppedTime (1.0.8802.1.1.3.1.1.2.1.7)	read-only	No	Not supported

12.3 secyTXSatable

Table OID: 1.0.8802.1.1.3.1.1.3.

Name	Access	PDS	Description
secyTxSA (1.0.8802.1.1.3.1.1.3.1.1)	not-accessible	No	As per MIB
secyTxSAState (1.0.8802.1.1.3.1.1.3.1.2)	read-only	No	Not supported
secyTxSANextPN (1.0.8802.1.1.3.1.1.3.1.3)	read-only	No	As per MIB
secyTxSAConfidentiality (1.0.8802.1.1.3.1.1.3.1.4)	read-only	No	Not supported
secyTxSASAKUnchanged (1.0.8802.1.1.3.1.1.3.1.5)	read-only	No	Not supported
secyTxSACreatedTime (1.0.8802.1.1.3.1.1.3.1.6)	read-only	No	Not supported
secyTxSAStartedTime (1.0.8802.1.1.3.1.1.3.1.7)	read-only	No	Not supported
SecyTxSAStoppedTime (1.0.8802.1.1.3.1.1.3.1.8)	read-only	No	Not supported

12.4 secyRxSCTable

Table OID: 1.0.8802.1.1.3.1.1.4.

Companion

Name	Access	PDS	Description
secyRxSCI (1.0.8802.1.1.3.1.1.4.1.1)	not-accessible	No	As per MIB
secyRxSCState (1.0.8802.1.1.3.1.1.4.1.2)	read-only	No	Not supported
secyRxSCCurrentSA (1.0.8802.1.1.3.1.1.4.1.3)	read-only	No	As per MIB
secyRxSCCreatedTime (1.0.8802.1.1.3.1.1.4.1.4)	read-only	No	Not supported
secyRxSCStartedTime (1.0.8802.1.1.3.1.1.4.1.5)	read-only	No	Not supported
secyRxSCStoppedTime (1.0.8802.1.1.3.1.1.4.1.6)	read-only	No	Not supported

12.5 secyRxSatable

Table OID: 1.0.8802.1.1.3.1.1.5.

Name	Access	PDS	Description
secyRxSA (1.0.8802.1.1.3.1.1.5.1.1)	not-accessible	No	As per MIB
secyRxSAState (1.0.8802.1.1.3.1.1.5.1.2)	read-only	No	Not supported
secyRxSANextPN (1.0.8802.1.1.3.1.1.5.1.3)	read-only	No	As per MIB
secyRxSASAKUnchanged (1.0.8802.1.1.3.1.1.5.1.4)	read-only	No	Not supported
secyRxSACreatedTime (1.0.8802.1.1.3.1.1.5.1.5)	read-only	No	Not supported
secyRxSAStartedTime (1.0.8802.1.1.3.1.1.5.1.6)	read-only	No	Not supported
SecyRxSASStoppedTime (1.0.8802.1.1.3.1.1.5.1.7)	read-only	No	Not supported

13 IEEE8021-SPB-MIB

802.1 SPB MIB.

13.1 Scalar objects of ieee8021SpbSys Objects group

OID of this table is: 1.3.111.2.802.1.1.26.1.1

Name	Access	PDS	Description
ieee8021SpbSysAreaAddresses (1.3.111.2.802.1.1.26.1.1.1)	read-write	Current	Only support read.
ieee8021SpbSysId (1.3.111.2.802.1.1.26.1.1.2)	read-write	Current	Only support read.
ieee8021SpbSysControlAddress (1.3.111.2.802.1.1.26.1.1.3)	read-write	Current	As per MIB
ieee8021SpbSysName (1.3.111.2.802.1.1.26.1.1.4)	read-only	Current	When the actual system name's length is over 32, the return value is always zero-length string.
ieee8021SpbSysBridgePriority (1.3.111.2.802.1.1.26.1.1.5)	read-only	Current	As per MIB
ieee8021SpbmSysSPSourceId (1.3.111.2.802.1.1.26.1.1.6)	read-write	Current	As per MIB
ieee8021SpbvSysMode (1.3.111.2.802.1.1.26.1.1.7)	read-write	Current	Not supported
ieee8021SpbmSysMode (1.3.111.2.802.1.1.26.1.1.8)	read-write	Current	As per MIB
ieee8021SpbSysDigestConvention (1.3.111.2.802.1.1.26.1.1.9)	read-write	Current	As per MIB

13.2 ieee8021SpbMtidStaticTable

OID of this table is: 1.3.111.2.802.1.1.26.1.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
ieee8021SpbMtidStaticEntryMtid (1.3.111.2.802.1.1.26.1.2.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbMTidStaticEntryMtidOverload (1.3.111.2.802.1.1.26.1.2.1.2)	read-create	Current	As per MIB
ieee8021SpbMtidStaticEntryRowStatus (1.3.111.2.802.1.1.26.1.2.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)
ieee8021SpbTopIx (1.3.111.2.802.1.1.26.1.2.1.4)	not-accessible	No	Not supported multi topology, the value is always 0.

13.3 ieee8021SpbTopIxDynamicTable

OID of this table is: 1.3.111.2.802.1.1.26.1.3

Name	Access	PDS	Description
ieee8021SpbTopIxDynamicEntryTopIx (1.3.111.2.802.1.1.26.1.3.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbTopIxDynamicEntryAgreeDigest (1.3.111.2.802.1.1.26.1.3.1.2)	read-only	No	As per MIB
ieee8021SpbTopIxDynamicEntryMCID (1.3.111.2.802.1.1.26.1.3.1.3)	read-only	No	As per MIB
ieee8021SpbTopIxDynamicEntryAuxMCID (1.3.111.2.802.1.1.26.1.3.1.4)	read-only	No	As per MIB

13.4 ieee8021SpbEctStaticTable

OID of this table is: 1.3.111.2.802.1.1.26.1.4

By default, all Base VIDs are mapped to ECT algorithm 1.

If a Base VID which are mapped to ECT algorithm 1 has not been mapped to MSTI 4092, then the Base VID can't displayed in the table.

If a entry using a Base VID which are mapped to MSTI 4092 was destroyed, it would recovered to mapped to ECT algorithm 1 with the Base VID.

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
ieee8021SpbEctStaticEntryToplx (1.3.111.2.802.1.1.26.1.4.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbEctStaticEntryBaseVid (1.3.111.2.802.1.1.26.1.4.1.2)	not-accessible	No	The wildcard value(4095) is not supported.
ieee8021SpbEctStaticEntryEctAlgorithm (1.3.111.2.802.1.1.26.1.4.1.3)	read-create	Current	The default value is 00-80-c2-01.
ieee8021SpbvEctStaticEntrySpvid (1.3.111.2.802.1.1.26.1.4.1.4)	read-create	Current	Not supported, the value is always 0.
ieee8021SpbEctStaticEntryRowStatus (1.3.111.2.802.1.1.26.1.4.1.5)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

13.5 ieee8021SpbEctDynamicTable

OID of this table is: 1.3.111.2.802.1.1.26.1.5

Name	Access	PDS	Description
ieee8021SpbEctDynamicEntryToplx (1.3.111.2.802.1.1.26.1.5.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbEctDynamicEntryBaseVid (1.3.111.2.802.1.1.26.1.5.1.2)	not-accessible	No	As per MIB
ieee8021SpbEctDynamicEntryMode (1.3.111.2.802.1.1.26.1.5.1.3)	read-only	No	As per MIB
ieee8021SpbEctDynamicEntryLocalUse (1.3.111.2.802.1.1.26.1.5.1.4)	read-only	No	As per MIB
ieee8021SpbEctDynamicEntryRemoteUse (1.3.111.2.802.1.1.26.1.5.1.5)	read-only	No	As per MIB
ieee8021SpbEctDynamicEntryIngressCheckDiscards	read-only	No	Not supported, the value is always 0.

Companion

Name	Access	PDS	Description
(1.3.111.2.802.1.1.26.1.5.1.6)			

13.6 ieee8021SpbAdjStaticTable

OID of this table is: 1.3.111.2.802.1.1.26.1.6

Name	Access	PDS	Description
ieee8021SpbAdjStaticEntryTopology(1.3.111.2.802.1.1.26.1.6.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbAdjStaticEntryIflIndex(1.3.111.2.802.1.1.26.1.6.1.2)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbAdjStaticEntryMetric(1.3.111.2.802.1.1.26.1.6.1.3)	read-create	Current	As per MIB
ieee8021SpbAdjStaticEntryIfAdminState(1.3.111.2.802.1.1.26.1.6.1.4)	read-create	Current	Not supported
ieee8021SpbAdjStaticEntryRowStatus(1.3.111.2.802.1.1.26.1.6.1.5)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

13.7 ieee8021SpbAdjDynamicTable

OID of this table is: 1.3.111.2.802.1.1.26.1.7

Name	Access	PDS	Description
ieee8021SpbAdjDynamicEntryTopology(1.3.111.2.802.1.1.26.1.7.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbAdjDynamicEntryIflIndex(1.3.111.2.802.1.1.26.1.7.1.2)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbAdjDynamicEntryPeerSysId(1.3.111.2.802.1.1.26.1.7.1.3)	not-accessible	No	As per MIB
ieee8021SpbAdjDynamicEntryPort(1.3.111.2.802.1.1.26.1.7.1.4)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
ieee8021SpbAdjDynamicEntryOperState (1.3.111.2.802.1.1.26.1.7.1.5)	read-only	No	Not supported, the value is always up(1).
ieee8021SpbAdjDynamicEntryPeerSysName (1.3.111.2.802.1.1.26.1.7.1.6)	read-only	No	When the actual system name's length is over 32, the return value is always zero-length string.
ieee8021SpbAdjDynamicEntryPeerAgreeDigest (1.3.111.2.802.1.1.26.1.7.1.7)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryPeerMCID (1.3.111.2.802.1.1.26.1.7.1.8)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryPeerAuxMCID (1.3.111.2.802.1.1.26.1.7.1.9)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryLocalCircuitID (1.3.111.2.802.1.1.26.1.7.1.10)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryPeerLocalCircuitID (1.3.111.2.802.1.1.26.1.7.1.11)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryPortIdentifier (1.3.111.2.802.1.1.26.1.7.1.12)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntryPeerPortIdentifier (1.3.111.2.802.1.1.26.1.7.1.13)	read-only	No	As per MIB
ieee8021SpbAdjDynamicEntrySisCircIndex (1.3.111.2.802.1.1.26.1.7.1.14)	read-only	No	Not supported, the value is always 0.

13.8 ieee8021SpbTopNodeTable

OID of this table is: 1.3.111.2.802.1.1.26.1.8

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
ieee8021SpbTopNodeEntryTopology (1.3.111.2.802.1.1.26.1.8.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbTopNodeEntrySysId (1.3.111.2.802.1.1.26.1.8.1.2)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbTopNodeEntryBridgePriority (1.3.111.2.802.1.1.26.1.8.1.3)	read-only	No	As per MIB
ieee8021SpbmTopNodeEntrySPsourceID (1.3.111.2.802.1.1.26.1.8.1.4)	read-only	No	As per MIB
ieee8021SpbTopNodeEntrySysName (1.3.111.2.802.1.1.26.1.8.1.5)	read-only	No	When the actual system name's length is over 32, the return value is always zero-length string.

13.9 ieee8021SpbTopEctTable

OID of this table is: 1.3.111.2.802.1.1.26.1.9

Name	Access	PDS	Description
ieee8021SpbTopEctEntryTopology (1.3.111.2.802.1.1.26.1.9.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbTopEctEntrySysId (1.3.111.2.802.1.1.26.1.9.1.2)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbTopEctEntryBaseVid (1.3.111.2.802.1.1.26.1.9.1.3)	not-accessible	No	The wildcard value(4095) is not supported.
ieee8021SpbTopEctEntryEctAlgorithm (1.3.111.2.802.1.1.26.1.9.1.4)	read-only	No	As per MIB
ieee8021SpbTopEctEntryMode (1.3.111.2.802.1.1.26.1.9.1.5)	read-only	No	As per MIB
ieee8021SpbvTopEctSysMode (1.3.111.2.802.1.1.26.1.9.1.6)	read-only	No	Not supported
ieee8021SpbvTopEctEntrySp	read-only	No	Not supported

Companion

Name	Access	PDS	Description
vid (1.3.111.2.802.1.1.26.1.9.1.7)			
ieee8021SpbTopEctEntryLocalUse (1.3.111.2.802.1.1.26.1.9.1.8)	read-only	No	As per MIB

13.10 ieee8021SpbTopEdgeTable

OID of this table is: 1.3.111.2.802.1.1.26.1.10

Name	Access	PDS	Description
ieee8021SpbTopEdgeEntryTopology (1.3.111.2.802.1.1.26.1.10.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbTopEdgeEntrySysIdNear (1.3.111.2.802.1.1.26.1.10.1.2)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbTopEdgeEntrySysIdFar (1.3.111.2.802.1.1.26.1.10.1.3)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbTopEdgeEntryMetricNear2Far (1.3.111.2.802.1.1.26.1.10.1.4)	read-only	No	As per MIB
ieee8021SpbTopEdgeEntryMetricFar2Near (1.3.111.2.802.1.1.26.1.10.1.5)	read-only	No	As per MIB

13.11 ieee8021SpbmTopSrvTable

OID of this table is: 1.3.111.2.802.1.1.26.1.11

Name	Access	PDS	Description
ieee8021SpbmTopSrvEntryTopology(1.3.111.2.802.1.1.26.1.11.1.1)	not-accessible	No	Not supported multi topology, the value is always 0.
ieee8021SpbmTopSrvEntrySysId(1.3.111.2.802.1.1.26.1.11.1.2)	not-accessible	No	The wildcard value(0) is not supported.

Companion

Name	Access	PDS	Description
ieee8021SpbmTopSrvEntryId(1.3.111.2.802.1.1.26.1.11.1.3)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbmTopSrvEntryBaseVid(1.3.111.2.802.1.1.26.1.11.1.4)	not-accessible	No	The wildcard value(4095) is not supported.
ieee8021SpbmTopSrvEntryMac(1.3.111.2.802.1.1.26.1.11.1.5)	not-accessible	No	The wildcard value(0) is not supported.
ieee8021SpbmTopSrvEntryIdFlags(1.3.111.2.802.1.1.26.1.11.1.6)	read-only	No	As per MIB

13.12 ieee8021SpbvTopSrvTable

OID of this table is: 1.3.111.2.802.1.1.26.1.12

This table is not supported.

Name	Access	PDS	Description
ieee8021SpbvTopSrvEntryTopology(1.3.111.2.802.1.1.26.1.12.1.1)	not-accessible	No	As per MIB
ieee8021SpbvTopSrvEntryStyle(1.3.111.2.802.1.1.26.1.12.1.2)	not-accessible	No	As per MIB
ieee8021SpbvTopSrvEntryMac(1.3.111.2.802.1.1.26.1.12.1.3)	not-accessible	No	As per MIB
ieee8021SpbvTopSrvEntryBaseVid(1.3.111.2.802.1.1.26.1.12.1.4)	read-only	No	As per MIB
ieee8021SpbvTopSrvEntryMacFlags(1.3.111.2.802.1.1.26.1.12.1.5)	read-only	No	As per MIB

14 IEEE8021X-PAE-MIB

Define IEEE 802.1X PAE objects.

14.1 ieee8021XPaePortTable

Table OID: 1.3.111.2.802.1.1.15.1.1.5.

Name	Access	PDS	Description
ieee8021XPaePortNumber (1.3.111.2.802.1.1.15.1.1.5.1.1)	not-accessible	No	As per MIB
ieee8021XPaePortType (1.3.111.2.802.1.1.15.1.1.5.1.2)	read-only	No	Not supported
ieee8021XPaeControlledPortNumber (1.3.111.2.802.1.1.15.1.1.5.1.3)	read-only	No	Not supported
ieee8021XPaeUncontrolledPortNumber (1.3.111.2.802.1.1.15.1.1.5.1.4)	read-only	No	Not supported
ieee8021XPaeCommonPortNumber (1.3.111.2.802.1.1.15.1.1.5.1.5)	read-only	No	Not supported
ieee8021XPaePortInitialize (1.3.111.2.802.1.1.15.1.1.5.1.6)	read-write	No	Not supported
ieee8021XPaePortCapabilities (1.3.111.2.802.1.1.15.1.1.5.1.7)	read-only	No	Not supported
ieee8021XPaePortVirtualPortsEnable (1.3.111.2.802.1.1.15.1.1.5.1.8)	read-write	No	Not supported
ieee8021XPaePortMaxVirtualPorts (1.3.111.2.802.1.1.15.1.1.5.1.9)	read-only	No	Not supported
ieee8021XPaePortCurrentVirtualPorts (1.3.111.2.802.1.1.15.1.1.5.1.10)	read-only	No	Not supported
ieee8021XPaePortVirtualPortStart (1.3.111.2.802.1.1.15.1.1.5.1.11)	read-only	No	Not supported
ieee8021XPaePortVirtualPortPeerMAC (1.3.111.2.802.1.1.15.1.1.5.1.12)	read-only	No	Not supported
ieee8021XPaePortLogonEnable (1.3.111.2.802.1.1.15.1.1.5.1.13)	read-write	No	Not supported
ieee8021XPaePortAuthenticatorEnable (1.3.111.2.802.1.1.15.1.1.5.1.14)	read-only	No	Not supported

Companion

ieee8021XPaePortSupplicantEnable(1.3.111.2.802.1.1.15.1.1.5.1.15)	read-only	No	Not supported
ieee8021XPaePortKayMkaEnable(1.3.111.2.802.1.1.15.1.1.5.1.16)	read-write	Current	As per MIB
ieee8021XPaePortAnnouncerEnable(1.3.111.2.802.1.1.15.1.1.5.1.17)	read-write	No	Not supported
ieee8021XPaePortListenerEnable(1.3.111.2.802.1.1.15.1.1.5.1.18)	read-write	No	Not supported

14.2 ieee8021XKayMkaTable

Table OID: 1.3.111.2.802.1.1.15.1.6.1.

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

Companion

up (1.3.111.2.802.1.1.15.1.6.1.1.10)			
ieee8021XKayCreateNewGroup (1.3.111.2.802.1.1.15.1.6.1.1.11)	read-write	No	Not supported
ieee8021XKayMacSecCapabilit y (1.3.111.2.802.1.1.15.1.6.1.1.12)	read-only	No	As per MIB
ieee8021XKayMacSecDesired (1.3.111.2.802.1.1.15.1.6.1.1.13)	read-write	Current	As per MIB
ieee8021XKayMacSecProtect (1.3.111.2.802.1.1.15.1.6.1.1.14)	read-only	Current	Not supported
ieee8021XKayMacSecReplayPr otect (1.3.111.2.802.1.1.15.1.6.1.1.15)	read-only	Current	Not supported
ieee8021XKayMacSecValidate (1.3.111.2.802.1.1.15.1.6.1.1.16)	read-only	Current	Not supported
ieee8021XKayMacSecConfident ialityOffset (1.3.111.2.802.1.1.15.1.6.1.1.17)	read-write	Current	Not supported
ieee8021XKayMkaTxKN (1.3.111.2.802.1.1.15.1.6.1.1.18)	read-only	No	Not supported
ieee8021XKayMkaTxAN (1.3.111.2.802.1.1.15.1.6.1.1.19)	read-only	No	Not supported
ieee8021XKayMkaRxKN (1.3.111.2.802.1.1.15.1.6.1.1.20)	read-only	No	Not supported
ieee8021XKayMkaRxAN (1.3.111.2.802.1.1.15.1.6.1.1.21)	read-only	No	Not supported

14.3 ieee8021XKayMkaPeerListTable

Table OID: 1.3.111.2.802.1.1.15.1.6.3.

Notes:

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

Name	Access	PDS	Description
ieee8021XKayMkaPeerListMI (1.3.111.2.802.1.1.15.1.6.3.1.1)	not-accessib le	No	As per MIB

Companion

ieee8021XKayMkaPeerListMN (1.3.111.2.802.1.1.15.1.6.3.1.2)	read-only	No	As per MIB
ieee8021XKayMkaPeerListType (1.3.111.2.802.1.1.15.1.6.3.1.3)	read-only	No	As per MIB
ieee8021XKayMkaPeerListSCI (1.3.111.2.802.1.1.15.1.6.3.1.4)	read-only	No	As per MIB

15 IF-MIB

15.1 Scalar objects

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

15.2 ifTable

OID of this table is: 1.3.6.1.2.1.2.2

Name	Access	PDS	Description
ifIndex (1.3.6.1.2.1.2.2.1.1)	read-only	Current	As per MIB
ifDescr (1.3.6.1.2.1.2.2.1.2)	read-only	No	A textual string containing information about the interface. Such as null0, Vlan-interface2, Ten-Gigabitethernet1/0/1

Companion

Name	Access	PDS	Description
ifType (1.3.6.1.2.1.2.2.1.3)	read-only	Current	interface type. Value list: aux is ppp(23), null0 is other(1), Ethernet are ethernet-csmacd(6), gigabitEthernet (117) Vlan-interface is 136, etc. Null0 is a internal interface. If the routing entry's next hop is null0 interface, the packet which matchs this entry will be dropped. If the AUX interface is used as a console interface,the ifType for AUX should not be ppp(23) but other(1).
ifMtu (1.3.6.1.2.1.2.2.1.4)	read-only	Current	The size of the largest datagram which can be sent/received by interface in octets. If this port is stack port, the vlaue is invalid.
ifSpeed (1.3.6.1.2.1.2.2.1.5)	read-only	Current	An estimate of the interface's current bandwidth in bits per second.
ifPhysAddress (1.3.6.1.2.1.2.2.1.6)	read-only	Current	MAC address For HPE 5900&5920&5930 Switch, the following type of interfaces support mac address: M-Ethernet(Management Ethernet) port Vlan interface Ethernet port Gigabit Ethernet port 10Gigabit Ethernet port 40Gigabit Ethernet port Other type of interfaces don't support mac address

Companion

Name	Access	PDS	Description
ifAdminStatus (1.3.6.1.2.1.2.2.1.7)	read- write	Current	enable or disable an interface, "testing" is not supported
ifOperStatus (1.3.6.1.2.1.2.2.1.8)	read-only	Current	The current operational state (link status) of the interface.
ifLastChange (1.3.6.1.2.1.2.2.1.9)	read-only	No	The value of sysUpTime at the time the interface entered its current operational state. If the current state was entered prior to the last re-initialization of the local network management subsystem, then this object contains a zero value.
ifInOctets (1.3.6.1.2.1.2.2.1.10)	read-only	No	As per MIB
ifInUcastPkts (1.3.6.1.2.1.2.2.1.11)	read-only	No	As per MIB
ifInNUcastPkts (1.3.6.1.2.1.2.2.1.12)	read-only	No	As per MIB
ifInDiscards (1.3.6.1.2.1.2.2.1.13)	read-only	No	As per MIB
ifInErrors (1.3.6.1.2.1.2.2.1.14)	read-only	No	As per MIB
ifInUnknownProtos (1.3.6.1.2.1.2.2.1.15)	read-only	No	As per MIB
ifOutOctets (1.3.6.1.2.1.2.2.1.16)	read-only	No	As per MIB
ifOutUcastPkts (1.3.6.1.2.1.2.2.1.17)	read-only	No	As per MIB
ifOutNUcastPkts (1.3.6.1.2.1.2.2.1.18)	read-only	No	As per MIB
ifOutDiscards (1.3.6.1.2.1.2.2.1.19)	read-only	No	As per MIB
ifOutErrors (1.3.6.1.2.1.2.2.1.20)	read-only	No	As per MIB
ifOutQLen (1.3.6.1.2.1.2.2.1.21)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
ifSpecific (1.3.6.1.2.1.2.2.1.22)	read-only	No	Not supported

15.3 ifXTable

OID of this table is: 1.3.6.1.2.1.31.1.1

Name	Access	PDS	Description
ifName (1.3.6.1.2.1.31.1.1.1.1)	read-only	No	interface name, same as ifDescr in ifTable
ifInMulticastPkts (1.3.6.1.2.1.31.1.1.1.2)	read-only	No	As per MIB
ifInBroadcastPkts (1.3.6.1.2.1.31.1.1.1.3)	read-only	No	As per MIB
ifOutMulticastPkts (1.3.6.1.2.1.31.1.1.1.4)	read-only	No	As per MIB
ifOutBroadcastPkts (1.3.6.1.2.1.31.1.1.1.5)	read-only	No	As per MIB
ifHCInOctets (1.3.6.1.2.1.31.1.1.1.6)	read-only	No	As per MIB
ifHCInUcastPkts (1.3.6.1.2.1.31.1.1.1.7)	read-only	No	As per MIB
ifHCInMulticastPkts (1.3.6.1.2.1.31.1.1.1.8)	read-only	No	As per MIB
ifHCInBroadcastPkts (1.3.6.1.2.1.31.1.1.1.9)	read-only	No	As per MIB
ifHCOctets (1.3.6.1.2.1.31.1.1.1.10)	read-only	No	As per MIB
ifHCOUcastPkts (1.3.6.1.2.1.31.1.1.1.11)	read-only	No	As per MIB
ifHCOMulticastPkts (1.3.6.1.2.1.31.1.1.1.12)	read-only	No	As per MIB
ifHCOBroadcastPkts (1.3.6.1.2.1.31.1.1.1.13)	read-only	No	As per MIB
ifLinkUpDownTrapEnable (1.3.6.1.2.1.31.1.1.1.14)	read-write	Current	As per MIB
ifHighSpeed (1.3.6.1.2.1.31.1.1.1.15)	read-only	No	As per MIB
ifPromiscuousMode	read-write	No	Only read is supported and

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.31.1.1.1.16)			the value is always false(2), which means not supported.
ifConnectorPresent (1.3.6.1.2.1.31.1.1.1.17)	read-only	No	As per MIB
ifAlias (1.3.6.1.2.1.31.1.1.1.18)	read-write	Current	Spaces at the beginning or at the end of the ifAlias are not supported and will be removed. A string fully composed with spaces is not supported either. A null string inputted as ifAlias will be replaced with the whole name of the interface which is the default value of the ifAlias. The max length of ifAlias mib supports is 64, while the commandline supports 255. So if the length of ifAlias is larger than 64, only the former 64 letters are legal for MIB. Default for each interface is "xxxx Interface". xxxx is interface name.
ifCounterDiscontinuityTime (1.3.6.1.2.1.31.1.1.1.19)	read-only	No	Not supported

15.4 ifRcvAddressTable

OID of this table is: 1.3.6.1.2.1.31.1.4

Name	Access	PDS	Description
ifRcvAddressAddress (1.3.6.1.2.1.31.1.4.1.1)	not-accessible	No	Only supported read operation.
ifRcvAddressStatus (1.3.6.1.2.1.31.1.4.1.2)	read-create	No	Only supported read operation.
ifRcvAddressType (1.3.6.1.2.1.31.1.4.1.3)	read-create	No	Only supported read operation.

16 IGMP-STD-MIB

The IGMP-STD-MIB contains two tables:

- (1) the IGMP Interface Table which contains one row for each interface on which IGMP is enabled, and
- (2) the IGMP Cache Table which contains one row for each IP multicast group for which there are members on a particular interface.

Both tables are intended to be implemented by hosts and routers, but some columnar objects in each table apply only to routers.

16.1 igmpInterfaceTable

OID of this table is: 1.3.6.1.2.1.85.1.1

Name	Access	PDS	Description
igmpInterfaceIfIndex (1.3.6.1.2.1.85.1.1.1.1)	not-accessible	Current	As per MIB
igmpInterfaceQueryInterval (1.3.6.1.2.1.85.1.1.1.2)	read-create	Current	Only support read
igmpInterfaceStatus (1.3.6.1.2.1.85.1.1.1.3)	read-create	Current	As per MIB
igmpInterfaceVersion (1.3.6.1.2.1.85.1.1.1.4)	read-create	Current	As per MIB
igmpInterfaceQuerier (1.3.6.1.2.1.85.1.1.1.5)	read-only	Current	As per MIB
igmpInterfaceQueryMaxResponseTime (1.3.6.1.2.1.85.1.1.1.6)	read-create	Current	Only support read
igmpInterfaceQuerierUpTime (1.3.6.1.2.1.85.1.1.1.7)	read-only	Current	Not supported
igmpInterfaceQuerierExpiryTime (1.3.6.1.2.1.85.1.1.1.8)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
igmpInterfaceVersion1QueryTimer (1.3.6.1.2.1.85.1.1.1.9)	read-only	Current	Not supported
igmpInterfaceWrongVersionQueries (1.3.6.1.2.1.85.1.1.1.10)	read-only	Current	Not supported
igmpInterfaceJoins (1.3.6.1.2.1.85.1.1.1.11)	read-only	Current	As per MIB
igmpInterfaceProxyIfIndex (1.3.6.1.2.1.85.1.1.1.12)	read-create	Current	The value is always 0. Only support read
igmpInterfaceGroups (1.3.6.1.2.1.85.1.1.1.13)	read-only	Current	As per MIB
igmpInterfaceRobustness (1.3.6.1.2.1.85.1.1.1.14)	read-create	Current	Only support read
igmpInterfaceLastMemberQueryInterval (1.3.6.1.2.1.85.1.1.1.15)	read-create	Current	Only support read

16.2 igmpCacheTable

OID of this table is: 1.3.6.1.2.1.85.1.2

Name	Access	PDS	Description
igmpCacheAddress (1.3.6.1.2.1.85.1.2.1.1)	not-accessible	Current	As per MIB
igmpCacheSelfIndex (1.3.6.1.2.1.85.1.2.1.2)	not-accessible	Current	As per MIB
igmpCacheSelf (1.3.6.1.2.1.85.1.2.1.3)	read-create	Current	Not supported
igmpCacheLastReporter (1.3.6.1.2.1.85.1.2.1.4)	read-only	Current	As per MIB
igmpCacheUpTime (1.3.6.1.2.1.85.1.2.1.5)	read-only	Current	As per MIB
igmpCacheExpiryTime (1.3.6.1.2.1.85.1.2.1.6)	read-only	Current	As per MIB
igmpCacheStatus (1.3.6.1.2.1.85.1.2.1.7)	read-create	Current	Only support read
igmpCacheVersion1HostTimer (1.3.6.1.2.1.85.1.2.1.8)	read-only	Current	As per MIB

17 IP-FORWARD-MIB

17.1 Scalar objects

Name	Access	PDS	Description
ipCidrRouteNumber(1.3.6.1.2.1.4.24.3)	read-only	No	As per MIB
inetCidrRouteNumber(1.3.6.1.2.1.4.24.6)	read-only	No	As per MIB
inetCidrRouteDiscards(1.3.6.1.2.1.4.24.8)	read-only	No	As per MIB

17.2 ipCidrRouteTable

OID of this table is: 1.3.6.1.2.1.4.24.4

Name	Access	PDS	Description
ipCidrRouteDest(1.3.6.1.2.1.4.24.4.1.1)	read-only	No	As per MIB
ipCidrRouteMask(1.3.6.1.2.1.4.24.4.1.2)	read-only	No	As per MIB
ipCidrRouteTos(1.3.6.1.2.1.4.24.4.1.3)	read-only	No	As per MIB
ipCidrRouteNextHop(1.3.6.1.2.1.4.24.4.1.4)	read-only	No	As per MIB
ipCidrRouteIfIndex(1.3.6.1.2.1.4.24.4.1.5)	read-create	No	Only support read
ipCidrRouteType(1.3.6.1.2.1.4.24.4.1.6)	read-create	No	Only support read
ipCidrRouteProto(1.3.6.1.2.1.4.24.4.1.7)	read-only	No	As per MIB
ipCidrRouteAge(1.3.6.1.2.1.4.24.4.1.8)	read-only	No	As per MIB
ipCidrRouteInfo(1.3.6.1.2.1.4.24.4.1.9)	read-create	No	Only support read
ipCidrRouteNextHopAS(1.3.6.1.2.1.4.24.4.1.10)	read-create	No	Only support read

Companion

Name	Access	PDS	Description
ipCidrRouteMetric1(1.3.6.1.2.1.4.24.4.1.11)	read-create	No	Only support read
ipCidrRouteMetric2(1.3.6.1.2.1.4.24.4.1.12)	read-create	No	Only support read
ipCidrRouteMetric3(1.3.6.1.2.1.4.24.4.1.13)	read-create	No	Only support read
ipCidrRouteMetric4(1.3.6.1.2.1.4.24.4.1.14)	read-create	No	Only support read
ipCidrRouteMetric5(1.3.6.1.2.1.4.24.4.1.15)	read-create	No	Only support read
ipCidrRouteStatus(1.3.6.1.2.1.4.24.4.1.16)	read-create	No	As per MIB

17.3 inetCidrRouteTable

OID of this table is: 1.3.6.1.2.1.4.24.7

Name	Access	PDS	Description
inetCidrRouteDestType (1.3.6.1.2.1.4.24.7.1.1)	not-accessible	No	As per MIB
inetCidrRouteDest (1.3.6.1.2.1.4.24.7.1.2)	not-accessible	No	As per MIB
inetCidrRoutePfxLen (1.3.6.1.2.1.4.24.7.1.3)	not-accessible	No	As per MIB
inetCidrRoutePolicy (1.3.6.1.2.1.4.24.7.1.4)	not-accessible	No	As per MIB
inetCidrRouteNextHopType (1.3.6.1.2.1.4.24.7.1.5)	not-accessible	No	As per MIB
inetCidrRouteNextHop (1.3.6.1.2.1.4.24.7.1.6)	not-accessible	No	As per MIB
inetCidrRouteIfIndex (1.3.6.1.2.1.4.24.7.1.7)	read-create	No	Only support read operation
inetCidrRouteType (1.3.6.1.2.1.4.24.7.1.8)	read-create	No	There are only three types: remote, local and blackhole Only support read operation
inetCidrRouteProto (1.3.6.1.2.1.4.24.7.1.9)	read-only	No	Support local, netmgmt, rip, ospf, is-is, bgp, other (means not specified).
inetCidrRouteAge (1.3.6.1.2.1.4.24.7.1.10)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
inetCidrRouteNextHopAS (1.3.6.1.2.1.4.24.7.1.11)	read-create	No	The value is always 0, Only support read operation
inetCidrRouteMetric1 (1.3.6.1.2.1.4.24.7.1.12)	read-create	No	Interior metric of this route, Only support read operation
inetCidrRouteMetric2 (1.3.6.1.2.1.4.24.7.1.13)	read-create	No	The value is always -1, Only support read operation
inetCidrRouteMetric3 (1.3.6.1.2.1.4.24.7.1.14)	read-create	No	The value is always -1, Only support read operation
inetCidrRouteMetric4 (1.3.6.1.2.1.4.24.7.1.15)	read-create	No	The value is always -1, Only support read operation
inetCidrRouteMetric5 (1.3.6.1.2.1.4.24.7.1.16)	read-create	No	The value is always -1, Only support read operation
inetCidrRouteStatus (1.3.6.1.2.1.4.24.7.1.17)	read-create	No	Only support read operation

18 IPV6-MIB

18.1 Scalar objects

Name	Access	PDS	Description
ipv6Forwarding (1.3.6.1.2.1.55.1.1)	read-write	Current	Only support read operation
ipv6DefaultHopLimit (1.3.6.1.2.1.55.1.2)	read-write	Current	Only support read operation
ipv6Interfaces (1.3.6.1.2.1.55.1.3)	read-only	Current	As per MIB
ipv6IfTableLastChange (1.3.6.1.2.1.55.1.4)	read-only	No	Not supported, the value is always 0.
ipv6RouteNumber (1.3.6.1.2.1.55.1.9)	read-only	No	As per MIB
ipv6DiscardedRoutes (1.3.6.1.2.1.55.1.10)	read-only	No	As per MIB

18.2 ipv6IfTable

OID of this table is: 1.3.6.1.2.1.55.1.5

Companion

Name	Access	PDS	Description
ipv6IfIndex (1.3.6.1.2.1.55.1.5.1.1)	not-accessible	No	As per MIB
ipv6IfDescr (1.3.6.1.2.1.55.1.5.1.2)	read-write	No	The string is no more than 80 characters. This variable is the same as ifAlias in ifXTable.
ipv6IfLowerLayer (1.3.6.1.2.1.55.1.5.1.3)	read-only	No	Not supported
ipv6IfEffectiveMtu (1.3.6.1.2.1.55.1.5.1.4)	read-only	Current	As per MIB
ipv6IfReasmMaxSize (1.3.6.1.2.1.55.1.5.1.5)	read-only	No	Not supported, the value is always 65535.
ipv6IfIdentifier (1.3.6.1.2.1.55.1.5.1.6)	read-write	No	Only support read operation
ipv6IfIdentifierLength (1.3.6.1.2.1.55.1.5.1.7)	read-write	No	Only support read operation
ipv6IfPhysicalAddress (1.3.6.1.2.1.55.1.5.1.8)	read-only	Current	As per MIB
ipv6IfAdminStatus (1.3.6.1.2.1.55.1.5.1.9)	read-write	Current	Only support read operation
ipv6IfOperStatus (1.3.6.1.2.1.55.1.5.1.10)	read-only	No	As per MIB
ipv6IfLastChange (1.3.6.1.2.1.55.1.5.1.11)	read-only	No	As per MIB

18.3 ipv6IfStatsTable

OID of this table is: 1.3.6.1.2.1.55.1.6

Name	Access	PDS	Description
ipv6IfStatsInReceives (1.3.6.1.2.1.55.1.6.1.1)	read-only	No	As per MIB
ipv6IfStatsInHdrErrors (1.3.6.1.2.1.55.1.6.1.2)	read-only	No	As per MIB
ipv6IfStatsInTooBigErrors (1.3.6.1.2.1.55.1.6.1.3)	read-only	No	As per MIB
ipv6IfStatsInNoRoutes (1.3.6.1.2.1.55.1.6.1.4)	read-only	No	As per MIB

Companion

ipv6IfStatsInAddrErrors (1.3.6.1.2.1.55.1.6.1.5)	read-only	No	As per MIB
ipv6IfStatsInUnknownProtos (1.3.6.1.2.1.55.1.6.1.6)	read-only	No	As per MIB
ipv6IfStatsInTruncatedPkts (1.3.6.1.2.1.55.1.6.1.7)	read-only	No	As per MIB
ipv6IfStatsInDiscards (1.3.6.1.2.1.55.1.6.1.8)	read-only	No	As per MIB
ipv6IfStatsInDelivers (1.3.6.1.2.1.55.1.6.1.9)	read-only	No	As per MIB
ipv6IfStatsOutForwDatagrams (1.3.6.1.2.1.55.1.6.1.10)	read-only	No	As per MIB
ipv6IfStatsOutRequests (1.3.6.1.2.1.55.1.6.1.11)	read-only	No	As per MIB
ipv6IfStatsOutDiscards (1.3.6.1.2.1.55.1.6.1.12)	read-only	No	As per MIB
ipv6IfStatsOutFragOKs (1.3.6.1.2.1.55.1.6.1.13)	read-only	No	As per MIB
ipv6IfStatsOutFragFails (1.3.6.1.2.1.55.1.6.1.14)	read-only	No	As per MIB
ipv6IfStatsOutFragCreates (1.3.6.1.2.1.55.1.6.1.15)	read-only	No	As per MIB
ipv6IfStatsReasmReqds (1.3.6.1.2.1.55.1.6.1.16)	read-only	No	As per MIB
ipv6IfStatsReasmOKs (1.3.6.1.2.1.55.1.6.1.17)	read-only	No	As per MIB
ipv6IfStatsReasmFails (1.3.6.1.2.1.55.1.6.1.18)	read-only	No	As per MIB
ipv6IfStatsInMcastPkts (1.3.6.1.2.1.55.1.6.1.19)	read-only	No	As per MIB
ipv6IfStatsOutMcastPkts (1.3.6.1.2.1.55.1.6.1.20)	read-only	No	As per MIB

18.4 ipv6AddrPrefixTable

OID of this table is: 1.3.6.1.2.1.55.1.7

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

Companion

ipv6AddrPrefixLength (1.3.6.1.2.1.55.1.7.1.2)	not-accessible	Current	As per MIB
ipv6AddrPrefixOnLinkFlag (1.3.6.1.2.1.55.1.7.1.3)	read-only	No	As per MIB
ipv6AddrPrefixAutonomous Flag (1.3.6.1.2.1.55.1.7.1.4)	read-only	No	As per MIB
ipv6AddrPrefixAdvPreferred Lifetime (1.3.6.1.2.1.55.1.7.1.5)	read-only	No	As per MIB
ipv6AddrPrefixAdvValidLifeti me (1.3.6.1.2.1.55.1.7.1.6)	read-only	No	As per MIB

18.5 ipv6AddrTable

OID of this table is: 1.3.6.1.2.1.55.1.8

Name	Access	PDS	Description
ipv6AddrAddress (1.3.6.1.2.1.55.1.8.1.1)	not-accessible	Current	As per MIB
ipv6AddrPfxLength (1.3.6.1.2.1.55.1.8.1.2)	read-only	Current	As per MIB
ipv6AddrType (1.3.6.1.2.1.55.1.8.1.3)	read-only	Current	Unknow is not supported
ipv6AddrAnycastFlag (1.3.6.1.2.1.55.1.8.1.4)	read-only	Current	As per MIB
ipv6AddrStatus (1.3.6.1.2.1.55.1.8.1.5)	read-only	Current	As per MIB

18.6 ipv6RouteTable

OID of this table is: 1.3.6.1.2.1.55.1.11

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

Companion

Name	Access	PDS	Description
ipv6RouteIfIndex (1.3.6.1.2.1.55.1.11.1.4)	read-only	No	As per MIB
ipv6RouteNextHop (1.3.6.1.2.1.55.1.11.1.5)	read-only	No	As per MIB
ipv6RouteType (1.3.6.1.2.1.55.1.11.1.6)	read-only	No	As per MIB
ipv6RouteProtocol (1.3.6.1.2.1.55.1.11.1.7)	read-only	No	As per MIB
ipv6RoutePolicy (1.3.6.1.2.1.55.1.11.1.8)	read-only	No	As per MIB
ipv6RouteAge (1.3.6.1.2.1.55.1.11.1.9)	read-only	No	As per MIB
ipv6RouteNextHopRDI (1.3.6.1.2.1.55.1.11.1.10)	read-only	No	As per MIB
ipv6RouteMetric (1.3.6.1.2.1.55.1.11.1.11)	read-only	No	As per MIB
ipv6RouteWeight (1.3.6.1.2.1.55.1.11.1.12)	read-only	No	As per MIB
ipv6RouteInfo (1.3.6.1.2.1.55.1.11.1.13)	read-only	No	As per MIB
ipv6RouteValid (1.3.6.1.2.1.55.1.11.1.14)	read-write	No	Only support read operation

18.7 ipv6NetToMediaTable

OID of this table is: 1.3.6.1.2.1.55.1.12

Name	Access	PDS	Description
ipv6NetToMediaNetAddress (1.3.6.1.2.1.55.1.12.1.1)	not-accessible	No	As per MIB
ipv6NetToMediaPhysAddress (1.3.6.1.2.1.55.1.12.1.2)	read-only	No	As per MIB
ipv6NetToMediaType (1.3.6.1.2.1.55.1.12.1.3)	read-only	No	As per MIB
ipv6IfNetToMediaState (1.3.6.1.2.1.55.1.12.1.4)	read-only	No	As per MIB
ipv6IfNetToMediaLastUpdated (1.3.6.1.2.1.55.1.12.1.5)	read-only	No	As per MIB

Companion

ipv6NetToMediaValid (1.3.6.1.2.1.55.1.12.1.6)	read-write	No	Only support read operation
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19 IPV6-ICMP-MIB

19.1 ipv6IcmpTable

OID of this table is: 1.3.6.1.2.1.56.1.1

Name	Access	PDS	Description
ipv6IcmpInMsgs (1.3.6.1.2.1.56.1.1.1.1)	read-only	No	As per MIB
ipv6IcmpInErrors (1.3.6.1.2.1.56.1.1.1.2)	read-only	No	As per MIB
ipv6IcmpInDestUnreachs (1.3.6.1.2.1.56.1.1.1.3)	read-only	No	As per MIB
ipv6IcmpInAdminProhibs (1.3.6.1.2.1.56.1.1.1.4)	read-only	No	The value is always 0.
ipv6IcmpInTimeExcds (1.3.6.1.2.1.56.1.1.1.5)	read-only	No	As per MIB
ipv6IcmpInParmProblems (1.3.6.1.2.1.56.1.1.1.6)	read-only	No	As per MIB
ipv6IcmpInPktTooBig (1.3.6.1.2.1.56.1.1.1.7)	read-only	No	As per MIB
ipv6IcmpInEchos (1.3.6.1.2.1.56.1.1.1.8)	read-only	No	As per MIB
ipv6IcmpInEchoReplies (1.3.6.1.2.1.56.1.1.1.9)	read-only	No	As per MIB
ipv6IcmpInRouterSolicits (1.3.6.1.2.1.56.1.1.1.10)	read-only	No	As per MIB
ipv6IcmpInRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.11)	read-only	No	As per MIB
ipv6IcmpInNeighborSolicits (1.3.6.1.2.1.56.1.1.1.12)	read-only	No	As per MIB
ipv6IcmpInNeighborAdvertisements (1.3.6.1.2.1.56.1.1.1.13)	read-only	No	As per MIB
ipv6IcmpInRedirects (1.3.6.1.2.1.56.1.1.1.14)	read-only	No	As per MIB

Companion

ipv6flcmpInGroupMemberQueries (1.3.6.1.2.1.56.1.1.1.15)	read-only	No	As per MIB
ipv6flcmpInGroupMemberResponses (1.3.6.1.2.1.56.1.1.1.16)	read-only	No	As per MIB
ipv6flcmpInGroupMemberReductions (1.3.6.1.2.1.56.1.1.1.17)	read-only	No	As per MIB
ipv6flcmpOutMsgs (1.3.6.1.2.1.56.1.1.1.18)	read-only	No	As per MIB
ipv6flcmpOutErrors (1.3.6.1.2.1.56.1.1.1.19)	read-only	No	The value is always 0.
ipv6flcmpOutDestUnreaches (1.3.6.1.2.1.56.1.1.1.20)	read-only	No	As per MIB
ipv6flcmpOutAdminProhibs (1.3.6.1.2.1.56.1.1.1.21)	read-only	No	The value is always 0.
ipv6flcmpOutTimeExcds (1.3.6.1.2.1.56.1.1.1.22)	read-only	No	As per MIB
ipv6flcmpOutParmProblems (1.3.6.1.2.1.56.1.1.1.23)	read-only	No	As per MIB
ipv6flcmpOutPktTooBigs (1.3.6.1.2.1.56.1.1.1.24)	read-only	No	As per MIB
ipv6flcmpOutEchos (1.3.6.1.2.1.56.1.1.1.25)	read-only	No	As per MIB
ipv6flcmpOutEchoReplies (1.3.6.1.2.1.56.1.1.1.26)	read-only	No	As per MIB
ipv6flcmpOutRouterSolicits (1.3.6.1.2.1.56.1.1.1.27)	read-only	No	As per MIB
ipv6flcmpOutRouterAdvertisements (1.3.6.1.2.1.56.1.1.1.28)	read-only	No	As per MIB
ipv6flcmpOutNeighborSolicits (1.3.6.1.2.1.56.1.1.1.29)	read-only	No	As per MIB
ipv6flcmpOutNeighborAdvertisements (1.3.6.1.2.1.56.1.1.1.30)	read-only	No	As per MIB
ipv6flcmpOutRedirects (1.3.6.1.2.1.56.1.1.1.31)	read-only	No	As per MIB
ipv6flcmpOutGroupMemberQueries (1.3.6.1.2.1.56.1.1.1.32)	read-only	No	As per MIB

Companion

ipv6IflcmpOutGroupMembResponses (1.3.6.1.2.1.56.1.1.1.33)	read-only	No	As per MIB
ipv6IflcmpOutGroupMembReductions (1.3.6.1.2.1.56.1.1.1.34)	read-only	No	As per MIB

20 IPV6-TCP MIB

20.1 ipv6TcpConnTable

OID of this table is: 1.3.6.1.2.1.6.16

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

21 IPV6-UDP MIB

21.1 ipv6UdpTable

OID of this table is: 1.3.6.1.2.1.7.6

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

Companion

ipv6UdplfIndex (1.3.6.1.2.1.7.6.1.3)	read-only	No	As per MIB
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22 ISIS-MIB

22.1 isisSysObject

OID of this table is: 1.3.6.1.2.1.138.1.1.1

Name	Access	PDS	Description
isisSysVersion (1.3.6.1.2.1.138.1.1.1.1)	read-only	No	The value is always one(1)
isisSysLevelType (1.3.6.1.2.1.138.1.1.1.2)	read-write	No	Only support read operation
isisSysID (1.3.6.1.2.1.138.1.1.1.3)	read-write	No	Only support read operation
isisSysMaxPathSplits (1.3.6.1.2.1.138.1.1.1.4)	read-write	Current	The range and the default value are product specific This object can be modified whatever the value of isisSysAdminState is on(1) or not
isisSysMaxLSPGenInt (1.3.6.1.2.1.138.1.1.1.5)	read-write	Current	The value should be less than isisSysMaxAge The value must be greater than any value configured for isisSysLevelMinLSPGenInt is not implemented The value should be at least 300 seconds less than isisSysMaxAge is not implemented
isisSysPollESHelloRate (1.3.6.1.2.1.138.1.1.1.6)	read-write	No	Only support read operation The value is always 50
isisSysWaitTime (1.3.6.1.2.1.138.1.1.1.7)	read-write	No	Only support read operation The value is always 60
isisSysAdminState (1.3.6.1.2.1.138.1.1.1.8)	read-write	No	Only support read operation
isisSysL2toL1Leaking (1.3.6.1.2.1.138.1.1.1.9)	read-write	Current	As per MIB

Companion

isisSysMaxAge (1.3.6.1.2.1.138.1.1.1.10)	read-write	Current	The value should be greater than isisSysMaxLSPGenInt, but it should be at least 300 seconds greater than isisSysMaxLSPGenInt is not implemented
isisSysReceiveLSPBufferSize (1.3.6.1.2.1.138.1.1.1.11)	read-write	Current	The default value is 1497
isisSysProtSupported (1.3.6.1.2.1.138.1.1.1.12)	read-only	No	Only support ipv4 (1), ipv6 (2) When supporting IPv4 and IPv6, return the value of ipv6(2)
isisSysNotificationEnable (1.3.6.1.2.1.138.1.1.1.13)	read-write	Current	As per MIB

22.2 isisManAreaAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.1.2

Name	Access	PDS	Description
isisManAreaAddr (1.3.6.1.2.1.138.1.1.2.1.1)	not-accessible	No	AS per MIB
isisManAreaAddrExistState (1.3.6.1.2.1.138.1.1.2.1.2)	read-create	No	Only support read operation Only support active(1)

22.3 isisAreaAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.1.3

Name	Access	PDS	Description
isisAreaAddr (1.3.6.1.2.1.138.1.1.3.1.1)	read-only	No	Only can return value when the value of isisSysLevelType is level1and2(3)

22.4 isisSummAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.1.4

Name	Access	PDS	Description
isisSummAddressType (1.3.6.1.2.1.138.1.1.4.1.1)	not-accessible	No	As per MIB
isisSummAddress (1.3.6.1.2.1.138.1.1.4.1.2)	not-accessible	No	As per MIB
isisSummAddrPrefixLen	not-accessible	No	As per MIB

Companion

(1.3.6.1.2.1.138.1.1.4.1.3)	le		
isisSummAddrExistState (1.3.6.1.2.1.138.1.1.4.1.4)	read-create	No	Only support read operation Only support active(1)
isisSummAddrMetric (1.3.6.1.2.1.138.1.1.4.1.5)	read-create	No	Only support read operation The value is always 20
isisSummAddrFullMetric (1.3.6.1.2.1.138.1.1.4.1.6)	read-create	No	Only support read operation The value is always 20

22.5 isisRedistributeAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.1.5

Name	Access	PDS	Description
isisRedistributeAddrType (1.3.6.1.2.1.138.1.1.5.1.1)	not-accessible	No	As per MIB
isisRedistributeAddrAddress (1.3.6.1.2.1.138.1.1.5.1.2)	not-accessible	No	As per MIB
isisRedistributeAddrPrefixLen (1.3.6.1.2.1.138.1.1.5.1.3)	not-accessible	No	As per MIB
isisRedistributeAddrExistState (1.3.6.1.2.1.138.1.1.5.1.4)	read-create	No	Only support read operation Only support active(1)

22.6 isisRouterTable

OID of this table is: 1.3.6.1.2.1.138.1.1.6

Name	Access	PDS	Description
isisRouterSysID (1.3.6.1.2.1.138.1.1.6.1.1)	not-accessible	No	As per MIB
isisRouterLevel (1.3.6.1.2.1.138.1.1.6.1.2)	not-accessible	No	As per MIB
isisRouterHostName (1.3.6.1.2.1.138.1.1.6.1.3)	read-only	No	As per MIB
isisRouterID (1.3.6.1.2.1.138.1.1.6.1.4)	read-only	No	The value is always 0

22.7 isisSysLevelTable

OID of this table is: 1.3.6.1.2.1.138.1.2.1

Name	Access	PDS	Description
isisSysLevelIndex (1.3.6.1.2.1.138.1.2.1.1.1)	not-accessible	No	As per MIB
isisSysLevelOrigLSPBuffSize (1.3.6.1.2.1.138.1.2.1.1.2)	read-write	Current	The default value is 1497. The value should

Companion

			be less than isisSysReceiveLSPBufferSize. This object can be modified whatever the value of isisSysAdminState is on(1) or not
isisSysLevelMinLSPGenInt (1.3.6.1.2.1.138.1.2.1.1.3)	read-write	Current	Range from 1 to 120 The default value is 2 As configure intelligent timer,return 1 when the value is less than 1 and otherwise return integer part
isisSysLevelState (1.3.6.1.2.1.138.1.2.1.1.4)	read-only	No	Only support off(1), on(2) and overloaded(4)
isisSysLevelSetOverload (1.3.6.1.2.1.138.1.2.1.1.5)	read-write	Current	As per MIB
isisSysLevelSetOverloadUntil (1.3.6.1.2.1.138.1.2.1.1.6)	read-write	Current	If this object is non-zero, the overload bit is set at this level when the isisSysAdminState variable goes to state 'on' for this Intermediate System is not implemented
isisSysLevelMetricStyle (1.3.6.1.2.1.138.1.2.1.1.7)	read-write	Current	As per MIB
isisSysLevelSPFConsiders (1.3.6.1.2.1.138.1.2.1.1.8)	read-write	No	Only support read operation
isisSysLevelTEEnabled (1.3.6.1.2.1.138.1.2.1.1.9)	read-write	No	Only support read operation The value is always false(2)

22.8 isisCirc

OID of this table is: 1.3.6.1.2.1.138.1.3

Name	Access	PDS	Description
isisNextCirclIndex (1.3.6.1.2.1.138.1.3.1)	read-only	No	Range from 0 to 255

22.9 isisCircTable

OID of this table is: 1.3.6.1.2.1.138.1.3.2

Companion

Name	Access	PDS	Description
isisCircIndex (1.3.6.1.2.1.138.1.3.2.1.1)	not-accessible	No	As per MIB
isisCircIfIndex (1.3.6.1.2.1.138.1.3.2.1.2)	read-create	No	As per MIB
isisCircAdminState (1.3.6.1.2.1.138.1.3.2.1.3)	read-create	No	Only support read operation
isisCircExistState (1.3.6.1.2.1.138.1.3.2.1.4)	read-create	No	Only support read operation Only support active(1)
isisCircType (1.3.6.1.2.1.138.1.3.2.1.5)	read-create	No	Only support read operation Only support broadcast(1) and ptToPt(2) The value is broadcast(1) on broadcast circuit, and is ptToPt(2) on other circuit types
isisCircExtDomain (1.3.6.1.2.1.138.1.3.2.1.6)	read-create	No	Only support read operation The value is always false (2)
isisCircLevelType (1.3.6.1.2.1.138.1.3.2.1.7)	read-create	Current	Only support read-write operation
isisCircPassiveCircuit (1.3.6.1.2.1.138.1.3.2.1.8)	read-create	Current	Only support read-write operation
isisCircMeshGroupEnabled (1.3.6.1.2.1.138.1.3.2.1.9)	read-create	No	Only support read operation
isisCircMeshGroup (1.3.6.1.2.1.138.1.3.2.1.10)	read-create	No	Only support read operation
isisCircSmallHellos (1.3.6.1.2.1.138.1.3.2.1.11)	read-create	Current	Only support read-write operation
isisCircLastUpTime (1.3.6.1.2.1.138.1.3.2.1.12)	read-only	No	As per MIB
isisCirc3WayEnabled (1.3.6.1.2.1.138.1.3.2.1.13)	read-create	No	Only support read operation The value is always false (2)
isisCircExtendedCircID (1.3.6.1.2.1.138.1.3.2.1.14)	read-create	No	Only support read operation The value is always 0

22.10 isisCircLevelTable

OID of this table is: 1.3.6.1.2.1.138.1.4.1

Name	Access	PDS	Description
isisCircLevelIndex (1.3.6.1.2.1.138.1.4.1.1.1)	not-accessible	No	As per MIB
isisCircLevelMetric	read-write	Current	Range from 1 to 63

Companion

(1.3.6.1.2.1.138.1.4.1.1.2)			
isisCircLevelWideMetric (1.3.6.1.2.1.138.1.4.1.1.3)	read-write	Current	Range from 1 to 16777215
isisCircLevelSPriority (1.3.6.1.2.1.138.1.4.1.1.4)	read-write	No	As per MIB
isisCircLevelIDOctet (1.3.6.1.2.1.138.1.4.1.1.5)	read-only	No	As per MIB
isisCircLevelID (1.3.6.1.2.1.138.1.4.1.1.6)	read-only	No	The value is isisSysID with one-byte isisCircLevelIDOctet for point to point circuit, and zero length octet string for broadcast circuit
isisCircLevelDesIS (1.3.6.1.2.1.138.1.4.1.1.7)	read-only	No	As per MIB
isisCircLevelHelloMultiplier (1.3.6.1.2.1.138.1.4.1.1.8)	read-write	Current	Range from 2 to 100 The default value is 3
isisCircLevelHelloTimer (1.3.6.1.2.1.138.1.4.1.1.9)	read-write	Current	Range from 1000 to 255000 The default value is 10000 The residue of the set value divided by 1000 is ignored
isisCircLevelDRHelloTimer (1.3.6.1.2.1.138.1.4.1.1.10)	read-write	No	Only support read operation Range from 1000 to 85000 The default value is 3000 The residue of the set value moded by 1000 is ignored
isisCircLevelLSPThrottle (1.3.6.1.2.1.138.1.4.1.1.11)	read-write	Current	Range from 1 to 1000 The default value is 33
isisCircLevelMinLSPRetransl nt (1.3.6.1.2.1.138.1.4.1.1.12)	read-write	Current	As per MIB
isisCircLevelCSNPInterval (1.3.6.1.2.1.138.1.4.1.1.13)	read-write	Current	As per MIB
isisCircLevelPartSNPInterval (1.3.6.1.2.1.138.1.4.1.1.14)	read-write	No	Only support read operation The value is always 2

22.11 isisSystemCounterTable

OID of this table is: 1.3.6.1.2.1.138.1.5.1

Name	Access	PDS	Description
isisSysStatLevel (1.3.6.1.2.1.138.1.5.1.1.1)	not-accessible	No	As per MIB
isisSysStatCorrLSPs	read-only	No	The value is always 0

Companion

(1.3.6.1.2.1.138.1.5.1.1.2)			
isisSysStatAuthTypeFails (1.3.6.1.2.1.138.1.5.1.1.3)	read-only	No	As per MIB
isisSysStatAuthFails (1.3.6.1.2.1.138.1.5.1.1.4)	read-only	No	As per MIB
isisSysStatLSPDbaseOloads (1.3.6.1.2.1.138.1.5.1.1.5)	read-only	No	As per MIB
isisSysStatManAddrDropFromAreas (1.3.6.1.2.1.138.1.5.1.1.6)	read-only	No	As per MIB
isisSysStatAtmptToExMaxSeqNums (1.3.6.1.2.1.138.1.5.1.1.7)	read-only	No	As per MIB
isisSysStatSeqNumSkips (1.3.6.1.2.1.138.1.5.1.1.8)	read-only	No	As per MIB
isisSysStatOwnLSPPurges (1.3.6.1.2.1.138.1.5.1.1.9)	read-only	No	As per MIB
isisSysStatIDFieldLenMismatches (1.3.6.1.2.1.138.1.5.1.1.10)	read-only	No	As per MIB
isisSysStatPartChanges (1.3.6.1.2.1.138.1.5.1.1.11)	read-only	No	The value is always 0
isisSysStatSPFRuns (1.3.6.1.2.1.138.1.5.1.1.12)	read-only	No	As per MIB
isisSysStatLSPErrors (1.3.6.1.2.1.138.1.5.1.1.13)	read-only	No	As per MIB

22.12 isisCircuitCounterTable

OID of this table is: 1.3.6.1.2.1.138.1.5.2

Name	Access	PDS	Description
isisCircuitType (1.3.6.1.2.1.138.1.5.2.1.1)	not-accessible	No	As per MIB
isisCircAdjChanges (1.3.6.1.2.1.138.1.5.2.1.2)	read-only	No	As per MIB
isisCircNumAdj (1.3.6.1.2.1.138.1.5.2.1.3)	read-only	No	As per MIB
isisCircInitFails (1.3.6.1.2.1.138.1.5.2.1.4)	read-only	No	The value is always 0
isisCircRejAdjs (1.3.6.1.2.1.138.1.5.2.1.5)	read-only	No	As per MIB
isisCircIDFieldLenMismatches	read-only	No	As per MIB

Companion

(1.3.6.1.2.1.138.1.5.2.1.6)			
isisCircMaxAreaAddrMismatches (1.3.6.1.2.1.138.1.5.2.1.7)	read-only	No	As per MIB
isisCircAuthTypeFails (1.3.6.1.2.1.138.1.5.2.1.8)	read-only	No	As per MIB
isisCircAuthFails (1.3.6.1.2.1.138.1.5.2.1.9)	read-only	No	As per MIB
isisCircLANDesISChanges (1.3.6.1.2.1.138.1.5.2.1.10)	read-only	No	As per MIB

22.13 isisPacketCounterTable

OID of this table is: 1.3.6.1.2.1.138.1.5.3

Name	Access	PDS	Description
isisPacketCountLevel (1.3.6.1.2.1.138.1.5.3.1.1)	not-accessible	No	As per MIB
isisPacketCountDirection (1.3.6.1.2.1.138.1.5.3.1.2)	not-accessible	No	As per MIB
isisPacketCountIIHello (1.3.6.1.2.1.138.1.5.3.1.3)	read-only	No	As per MIB
isisPacketCountISHello (1.3.6.1.2.1.138.1.5.3.1.4)	read-only	No	The value is always 0
isisPacketCountESHello (1.3.6.1.2.1.138.1.5.3.1.5)	read-only	No	The value is always 0
isisPacketCountLSP (1.3.6.1.2.1.138.1.5.3.1.6)	read-only	No	As per MIB
isisPacketCountCSNP (1.3.6.1.2.1.138.1.5.3.1.7)	read-only	No	As per MIB
isisPacketCountPSNP (1.3.6.1.2.1.138.1.5.3.1.8)	read-only	No	As per MIB
isisPacketCountUnknown (1.3.6.1.2.1.138.1.5.3.1.9)	read-only	No	As per MIB

22.14 isisSAdjTable

OID of this table is: 1.3.6.1.2.1.138.1.6.1

Name	Access	PDS	Description
isisSAdjIndex (1.3.6.1.2.1.138.1.6.1.1.1)	not-accessible	No	As per MIB
isisSAdjState (1.3.6.1.2.1.138.1.6.1.1.2)	read-only	No	Only support down(1), initializing(2) and up(3)
isisSAdj3WayState	read-only	No	The value is always down(2)

Companion

(1.3.6.1.2.1.138.1.6.1.1.3)			
isisSAdjNeighSNPAAAddress (1.3.6.1.2.1.138.1.6.1.1.4)	read-only	No	As per MIB
isisSAdjNeighSysType (1.3.6.1.2.1.138.1.6.1.1.5)	read-only	No	Only support I1IntermediateSystem(1), I2IntermediateSystem(2) and I1L2IntermediateSystem(3)
isisSAdjNeighSysID (1.3.6.1.2.1.138.1.6.1.1.6)	read-only	No	As per MIB
isisSAdjNbrExtendedCirclD (1.3.6.1.2.1.138.1.6.1.1.7)	read-only	No	The value is always 0
isisSAdjUsage (1.3.6.1.2.1.138.1.6.1.1.8)	read-only	No	As per MIB
isisSAdjHoldTimer (1.3.6.1.2.1.138.1.6.1.1.9)	read-only	No	As per MIB
isisSAdjNeighPriority (1.3.6.1.2.1.138.1.6.1.1.10)	read-only	No	As per MIB
isisSAdjLastUpTime (1.3.6.1.2.1.138.1.6.1.1.11)	read-only	No	As per MIB

22.15 isisSAdjAreaAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.6.2

Name	Access	PDS	Description
isisSAdjAreaAddrIndex (1.3.6.1.2.1.138.1.6.2.1.1)	not-accessible	No	As per MIB
isisSAdjAreaAddress (1.3.6.1.2.1.138.1.6.2.1.2)	read-only	No	As per MIB

22.16 isisSAdjIPAddrTable

OID of this table is: 1.3.6.1.2.1.138.1.6.3

Name	Access	PDS	Description
isisSAdjIPAddrIndex (1.3.6.1.2.1.138.1.6.3.1.1)	not-accessible	No	As per MIB
isisSAdjIPAddrType (1.3.6.1.2.1.138.1.6.3.1.2)	read-only	No	Only support ipv4(1) and ipv6(2) Support ipv6(2) only when the local IS has ipv6 capability
isisSAdjIPAddrAddress	read-only	No	As per MIB

Companion

(1.3.6.1.2.1.138.1.6.3.1.3)			
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22.17 isisSAdjProtSuppTable

OID of this table is: 1.3.6.1.2.1.138.1.6.4

Name	Access	PDS	Description
isisSAdjProtSuppProtocol (1.3.6.1.2.1.138.1.6.4.1.1)	read-only	No	As per MIB

22.18 isisRATable

OID of this table is: 1.3.6.1.2.1.138.1.7.1

Name	Access	PDS	Description
isisRAIndex (1.3.6.1.2.1.138.1.7.1.1.1)	not-accessible	No	As per MIB
isisRAExistState (1.3.6.1.2.1.138.1.7.1.1.2)	read-create	No	The value is always active(1)
isisRAAdminState (1.3.6.1.2.1.138.1.7.1.1.3)	read-create	No	The default value is on(1)
isisRAAddrPrefix (1.3.6.1.2.1.138.1.7.1.1.4)	read-create	No	As per MIB
isisRAMapType (1.3.6.1.2.1.138.1.7.1.1.5)	read-create	No	The default value is none(1)
isisRAMetric (1.3.6.1.2.1.138.1.7.1.1.6)	read-create	No	As per MIB
isisRAMetricType (1.3.6.1.2.1.138.1.7.1.1.7)	read-create	No	As per MIB
isisRASNPAAAddress (1.3.6.1.2.1.138.1.7.1.1.8)	read-create	No	As per MIB
isisRASNPAMask (1.3.6.1.2.1.138.1.7.1.1.9)	read-create	No	As per MIB
isisRASNPAPrefix (1.3.6.1.2.1.138.1.7.1.1.10)	read-create	No	As per MIB
isisRAType (1.3.6.1.2.1.138.1.7.1.1.11)	read-create	No	As per MIB

22.19 isisIPRATable

OID of this table is: 1.3.6.1.2.1.138.1.8.1

Name	Access	PDS	Description
isisIPRADestType (1.3.6.1.2.1.138.1.8.1.1.1)	not-accessible	No	As per MIB

Companion

isisIPRADest (1.3.6.1.2.1.138.1.8.1.1.2)	not-accessible	No	As per MIB
isisIPRADestPrefixLen (1.3.6.1.2.1.138.1.8.1.1.3)	not-accessible	No	As per MIB
isisIPRANextHopIndex (1.3.6.1.2.1.138.1.8.1.1.4)	not-accessible	No	As per MIB
isisIPRANextHopType (1.3.6.1.2.1.138.1.8.1.1.5)	read-create	No	Only support read operation Only support ipv4(1) and ipv6(2)
isisIPRANextHop (1.3.6.1.2.1.138.1.8.1.1.6)	read-create	No	Only support read operation
isisIPRAType (1.3.6.1.2.1.138.1.8.1.1.7)	read-create	No	Only support read operation The value is always automatic(2)
isisIPRAExistState (1.3.6.1.2.1.138.1.8.1.1.8)	read-create	No	Only support read operation The value is always active(1)
isisIPRAAdminState (1.3.6.1.2.1.138.1.8.1.1.9)	read-create	No	Only support read operation The value is always on(1)
isisIPRAMetric (1.3.6.1.2.1.138.1.8.1.1.10)	read-create	No	Only support read operation The default value is 0
isisIPRAMetricType (1.3.6.1.2.1.138.1.8.1.1.11)	read-create	No	Only support read operation
isisIPRAFullMetric (1.3.6.1.2.1.138.1.8.1.1.12)	read-create	No	Only support read operation The default value is 0
isisIPRASNPAddress (1.3.6.1.2.1.138.1.8.1.1.13)	read-create	No	Only support read operation The value is always zero length octet string
isisIPRASourceType (1.3.6.1.2.1.138.1.8.1.1.14)	read-only	No	Only support static(1), direct(2), ospfv2(3), ospfv3(4), isis(5), rip(6) and bgp(9)

22.20 isisLSPSummaryTable

OID of this table is: 1.3.6.1.2.1.138.1.9.1

Name	Access	PDS	Description
isisLSPLevel (1.3.6.1.2.1.138.1.9.1.1.1)	not-accessible	No	As per MIB
isisLSPID (1.3.6.1.2.1.138.1.9.1.1.2)	not-accessible	No	As per MIB
isisLSPSeq (1.3.6.1.2.1.138.1.9.1.1.3)	read-only	No	As per MIB
isisLSPZeroLife (1.3.6.1.2.1.138.1.9.1.1.4)	read-only	No	As per MIB
isisLSPChecksum	read-only	No	As per MIB

Companion

(1.3.6.1.2.1.138.1.9.1.1.5)			
isisLSPLifetimeRemain (1.3.6.1.2.1.138.1.9.1.1.6)	read-only	No	As per MIB
isisLSPDULength (1.3.6.1.2.1.138.1.9.1.1.7)	read-only	No	As per MIB
isisLSPAttributes (1.3.6.1.2.1.138.1.9.1.1.8)	read-only	No	As per MIB

22.21 isisLSPTLVTable

OID of this table is: 1.3.6.1.2.1.138.1.9.2

Name	Access	PDS	Description
isisLSPTLVIndex (1.3.6.1.2.1.138.1.9.2.1.1)	not-accessible	No	As per MIB
isisLSPTLVSeq (1.3.6.1.2.1.138.1.9.2.1.2)	read-only	No	As per MIB
isisLSPTLVChecksum (1.3.6.1.2.1.138.1.9.2.1.3)	read-only	No	As per MIB
isisLSPTLVType (1.3.6.1.2.1.138.1.9.2.1.4)	read-only	No	As per MIB
isisLSPTLVLen (1.3.6.1.2.1.138.1.9.2.1.5)	read-only	No	As per MIB
isisLSPTLVValue (1.3.6.1.2.1.138.1.9.2.1.6)	read-only	No	As per MIB

22.22 isisNotificationEntry

OID of this table is: 1.3.6.1.2.1.138.1.10.1

Name	Access	PDS	Description
isisNotificationSysLevelIndex (1.3.6.1.2.1.138.1.10.1.1)	accessible-for-no tify	No	As per MIB
isisNotificationCirclfIndex (1.3.6.1.2.1.138.1.10.1.2)	accessible-for-no tify	No	As per MIB
isisPduLspld (1.3.6.1.2.1.138.1.10.1.3)	accessible-for-no tify	No	As per MIB
isisPduFragment (1.3.6.1.2.1.138.1.10.1.4)	accessible-for-no tify	No	As per MIB
isisPduFieldLen (1.3.6.1.2.1.138.1.10.1.5)	accessible-for-no tify	No	As per MIB
isisPduMaxAreaAddress (1.3.6.1.2.1.138.1.10.1.6)	accessible-for-no tify	No	As per MIB
isisPduProtocolVersion	accessible-for-no	No	As per MIB

Companion

(1.3.6.1.2.1.138.1.10.1.7)	tify		
isisPduLspSize (1.3.6.1.2.1.138.1.10.1.8)	accessible-for-no tify	No	As per MIB
isisPduOriginatingBufferSize (1.3.6.1.2.1.138.1.10.1.9)	accessible-for-no tify	No	As per MIB
isisPduBufferSize (1.3.6.1.2.1.138.1.10.1.10)	accessible-for-no tify	No	As per MIB
isisPduProtocolsSupported (1.3.6.1.2.1.138.1.10.1.11)	accessible-for-no tify	No	As per MIB
isisAdjState (1.3.6.1.2.1.138.1.10.1.12)	accessible-for-no tify	No	As per MIB
isisErrorOffset (1.3.6.1.2.1.138.1.10.1.13)	accessible-for-no tify	No	As per MIB
isisErrorTLVType (1.3.6.1.2.1.138.1.10.1.14)	accessible-for-no tify	No	As per MIB
isisNotificationAreaAddress (1.3.6.1.2.1.138.1.10.1.15)	accessible-for-no tify	No	As per MIB

23 LLDP-MIB

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

23.1 Scalar Objects

Name	Access	PDS	Description
IldpMessageTxInterval (1.0.8802.1.1.2.1.1.1)	read-write	Current	As per MIB
IldpMessageTxHoldMultiplier (1.0.8802.1.1.2.1.1.2)	read-write	Current	As per MIB
IldpReinitDelay (1.0.8802.1.1.2.1.1.3)	read-write	Current	As per MIB
IldpTxDelay (1.0.8802.1.1.2.1.1.4)	read-only	No	Not supported.The value is always 2.
IldpNotificationInterval (1.0.8802.1.1.2.1.1.5)	read-write	Current	The default value is 30.

Companion

Name	Access	PDS	Description
IldpStatsRemTablesLastChangeTime (1.0.8802.1.1.2.1.2.1)	read-only	No	As per MIB
IldpStatsRemTablesInserts (1.0.8802.1.1.2.1.2.2)	read-only	No	As per MIB
IldpStatsRemTablesDeletes (1.0.8802.1.1.2.1.2.3)	read-only	No	As per MIB
IldpStatsRemTablesDrops (1.0.8802.1.1.2.1.2.4)	read-only	No	As per MIB
IldpStatsRemTablesAgeouts (1.0.8802.1.1.2.1.2.5)	read-only	No	As per MIB
IldpLocChassisIdSubtype (1.0.8802.1.1.2.1.3.1)	read-only	Current	As per MIB
IldpLocChassisId (1.0.8802.1.1.2.1.3.2)	read-only	Current	As per MIB
IldpLocSysName (1.0.8802.1.1.2.1.3.3)	read-only	Current	As per MIB
IldpLocSysDesc (1.0.8802.1.1.2.1.3.4)	read-only	Current	As per MIB
IldpLocSysCapSupported (1.0.8802.1.1.2.1.3.5)	read-only	Current	As per MIB
IldpLocSysCapEnabled (1.0.8802.1.1.2.1.3.6)	read-only	Current	As per MIB

23.2 IldpPortConfigTable

OID of this table is: 1.0.8802.1.1.2.1.1.6

Name	Access	PDS	Description
IldpPortConfigPortNum (1.0.8802.1.1.2.1.1.6.1.1)	not-accessible	Current	As per MIB
IldpPortConfigAdminStatus (1.0.8802.1.1.2.1.1.6.1.2)	read-write	Current	As per MIB
IldpPortConfigNotificationEnable (1.0.8802.1.1.2.1.1.6.1.3)	read-write	Current	As per MIB
IldpPortConfigTLVsTxEnable (1.0.8802.1.1.2.1.1.6.1.4)	read-write	Current	Every bit will be set to '1' by default, which means all LLDP basic operational TLVs will be transmitted on the given port.

23.3 IldpConfigManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.1.7

Name	Access	PDS	Description
IldpConfigManAddrPortsTxEnable (1.0.8802.1.1.2.1.1.7.1.1)	read-write	Current	Each port of the system is represented by a single bit within the value of this object. Every bit will be set to '1' by default, which means all ports are specified for advertising indicated management address instance.

23.4 IldpStatsTxPortTable

OID of this table is: 1.0.8802.1.1.2.1.2.6

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

23.5 IldpStatsRxPortTable

OID of this table is: 1.0.8802.1.1.2.1.2.7

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

Companion

Name	Access	PDS	Description
(1.0.8802.1.1.2.1.2.7.1.6)			
IldpStatsRxPortAgeoutsTotal (1.0.8802.1.1.2.1.2.7.1.7)	read-only	No	As per MIB

23.6 IldpLocPortTable

OID of this table is: 1.0.8802.1.1.2.1.3.7

Name	Access	PDS	Description
IldpLocPortNum (1.0.8802.1.1.2.1.3.7.1.1)	not-accessible	Current	As per MIB
IldpLocPortIdSubtype (1.0.8802.1.1.2.1.3.7.1.2)	read-only	Current	As per MIB
IldpLocPortId (1.0.8802.1.1.2.1.3.7.1.3)	read-only	Current	If the port has MED neighbor, the PortID will be MAC address; If it has no MED neighbor, the PortID will be interface name.
IldpLocPortDesc (1.0.8802.1.1.2.1.3.7.1.4)	read-only	Current	As per MIB

23.7 IldpLocManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.3.8

Name	Access	PDS	Description
IldpLocManAddrSubtype (1.0.8802.1.1.2.1.3.8.1.1)	not-accessible	Current	As per MIB
IldpLocManAddr (1.0.8802.1.1.2.1.3.8.1.2)	not-accessible	Current	As per MIB
IldpLocManAddrLen (1.0.8802.1.1.2.1.3.8.1.3)	read-only	Current	As per MIB
IldpLocManAddrIfSubtype (1.0.8802.1.1.2.1.3.8.1.4)	read-only	Current	The subtype is IfIndex.
IldpLocManAddrIfId (1.0.8802.1.1.2.1.3.8.1.5)	read-only	Current	IfIndex of the interface associated with the management address. When the interface associated with the management address does not exist, this object will be zero.

Companion

Name	Access	PDS	Description
IldpLocManAddrOID (1.0.8802.1.1.2.1.3.8.1.6)	read-only	Current	Not supported

23.8 IldpRemTable

OID of this table is: 1.0.8802.1.1.2.1.4.1

Name	Access	PDS	Description
IldpRemTimeMark (1.0.8802.1.1.2.1.4.1.1.1)	not-accessible	No	This object identifies the time when the remote system information was created or updated. Network management can look up the history of remote system information with this object.
IldpRemLocalPortNum (1.0.8802.1.1.2.1.4.1.1.2)	not-accessible	No	As per MIB
IldpRemIndex (1.0.8802.1.1.2.1.4.1.1.3)	not-accessible	No	As per MIB
IldpRemChassisIdSubtype (1.0.8802.1.1.2.1.4.1.1.4)	read-only	No	As per MIB
IldpRemChassisId (1.0.8802.1.1.2.1.4.1.1.5)	read-only	No	As per MIB
IldpRemPortIdSubtype (1.0.8802.1.1.2.1.4.1.1.6)	read-only	No	As per MIB
IldpRemPortId (1.0.8802.1.1.2.1.4.1.1.7)	read-only	No	As per MIB
IldpRemPortDesc (1.0.8802.1.1.2.1.4.1.1.8)	read-only	No	As per MIB
IldpRemSysName (1.0.8802.1.1.2.1.4.1.1.9)	read-only	No	As per MIB
IldpRemSysDesc (1.0.8802.1.1.2.1.4.1.1.10)	read-only	No	As per MIB
IldpRemSysCapSupported (1.0.8802.1.1.2.1.4.1.1.11)	read-only	No	As per MIB
IldpRemSysCapEnabled (1.0.8802.1.1.2.1.4.1.1.12)	read-only	No	As per MIB

23.9 IldpRemManAddrTable

OID of this table is: 1.0.8802.1.1.2.1.4.2

Companion

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

23.10 IldpRemUnknownTLVTable

OID of this table is: 1.0.8802.1.1.2.1.4.3

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

23.11 IldpRemOrgDefInfoTable

OID of this table is: 1.0.8802.1.1.2.1.4.4

Name	Access	PDS	Description
IldpRemOrgDefInfoOUI (1.0.8802.1.1.2.1.4.4.1.1)	not-accessible	No	As per MIB
IldpRemOrgDefInfoSubtype (1.0.8802.1.1.2.1.4.4.1.2)	not-accessible	No	As per MIB
IldpRemOrgDefInfoIndex (1.0.8802.1.1.2.1.4.4.1.3)	not-accessible	No	As per MIB
IldpRemOrgDefInfo (1.0.8802.1.1.2.1.4.4.1.4)	read-only	No	As per MIB

24 LLDP-EXT-DOT1-EVB-EXTENSIONS-MIB

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

24.1 IldpXdot1EvbConfigEvbTable

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

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.1.1

Name	Access	PDS	Description
IldpXdot1EvbConfigEvbTxEnable(1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.1.1)	read-write	Current	As per MIB

24.2 IldpXdot1EvbConfigCdcTable

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

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.1.2

Name	Access	PDS	Description
IldpXdot1EvbConfigCdcTxEnable(1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.1.1)	read-write	Current	As per MIB

24.3 IldpV2Xdot1LocEvbTlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.1

Name	Access	PDS	Description
IldpV2Xdot1LocEvbTlvString(1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.1.1.1)	read-only	Current	As per MIB

24.4 IldpV2Xdot1LocCdcTlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.2.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
lldpV2Xdot1LocCdcPtlvS tring (1.3.111.2.802.1.1.13.1.5.329 62.7.1.1.1.2.2.1.1)	read-only	Current	As per MIB

24.5 lldpV2Xdot1RemEvbTlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.1

Name	Access	PDS	Description
lldpV2Xdot1RemEvbTlvS tring (1.3.111.2.802.1.1.13.1.5.329 62.7.1.1.1.3.1.1.1)	read-only	Current	As per MIB

24.6 lldpV2Xdot1RemCdcPtlvTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.7.1.1.1.3.2

Name	Access	PDS	Description
lldpV2Xdot1RemCdcPtlv String (1.3.111.2.802.1.1.13.1.5.329 62.7.1.1.1.3.2.1.1)	read-only	Current	As per MIB

25 LLDP-EXT-DOT1-MIB

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

25.1 lldpXdot1ConfigPortVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.1

Companion

This table is only supported by interfaces working in bridge mode.

Name	Access	PDS	Description
IldpXdot1ConfigPortVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.1.1.1)	read-write	Current	Default value(TRUE)

25.2 IldpXdot1ConfigVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.2

This table is only supported by interfaces working in bridge mode.

Name	Access	PDS	Description
IldpXdot1ConfigVlanNameTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.2.1.1)	read-write	Current	Default value (FALSE).

25.3 IldpXdot1ConfigProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.3

This table is only supported by interfaces working in bridge mode.

Name	Access	PDS	Description
IldpXdot1ConfigProtoVlanTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.3.1.1)	read-write	Current	Default value (FALSE).

25.4 IldpXdot1ConfigProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.1.4

Name	Access	PDS	Description
IldpXdot1ConfigProtocolTxEnable (1.0.8802.1.1.2.1.5.32962.1.1.4.1.1)	read-write	Current	Not supported.The value is FALSE when interface works in bridge mode.

25.5 IldpXdot1LocTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.1

This table is only supported by interfaces working in bridge mode.

Companion

Name	Access	PDS	Description
IldpXdot1LocPortVlanId (1.0.8802.1.1.2.1.5.32962.1.2 .1.1.1)	read-only	Current	As per MIB

25.6 IldpXdot1LocProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.2

This table is only supported by interfaces working in bridge mode.

Name	Access	PDS	Description
IldpXdot1LocProtoVlanId (1.0.8802.1.1.2.1.5.32962.1.2 .2.1.1)	not-accessible	Current	As per MIB
IldpXdot1LocProtoVlanSupported (1.0.8802.1.1.2.1.5.32962.1.2 .2.1.2)	read-only	Current	As per MIB
IldpXdot1LocProtoVlanEnabled (1.0.8802.1.1.2.1.5.32962.1.2 .2.1.3)	read-only	Current	As per MIB

25.7 IldpXdot1LocVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.3

This table is only supported by interfaces working in bridge mode.

Name	Access	PDS	Description
IldpXdot1LocVlanId (1.0.8802.1.1.2.1.5.32962.1.2 .3.1.1)	not-accessible	Current	As per MIB
IldpXdot1LocVlanName (1.0.8802.1.1.2.1.5.32962.1.2 .3.1.2)	read-only	Current	As per MIB

25.8 IldpXdot1LocProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.2.4

Name	Access	PDS	Description
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Companion

IldpXdot1LocProtocolIndex (1.0.8802.1.1.2.1.5.32962.1.2.4.1.1)	not-accessible	Current	Not supported. The value is 1 when interface works in bridge mode.
IldpXdot1LocProtocolId (1.0.8802.1.1.2.1.5.32962.1.2.4.1.2)	read-only	Current	Not supported. The value is protocol when interface works in bridge mode.

25.9 IldpXdot1RemTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.1

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

25.10 IldpXdot1RemProtoVlanTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.2

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

25.11 IldpXdot1RemVlanNameTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.3

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

25.12 IldpXdot1RemProtocolTable

OID of this table is: 1.0.8802.1.1.2.1.5.32962.1.3.4

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

26 LLDP-EXT-DOT1-V2-MIB

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

26.1 IldpV2Xdot1ConfigPortVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.1

Name	Access	PDS	Description
IldpV2Xdot1ConfigPortVlanTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.1.1.1)	read-write	Current	The default value is True for a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent mode and for a Layer 2 aggregate interface in nearest-customer agent mode.

26.2 IldpV2Xdot1ConfigVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
IldpV2Xdot1ConfigVlanNameTx Enable (1.3.111.2.802.1.1.13.1.5.32962 .1.1.2.1.1)	read-write	Current	The value 0 is added as the default, and the status is always "FALSE". When setting with the value "TRUE", the VLAN with the smallest VLAN ID is enabled; when setting with the value "FALSE", the enabled vlan is removed.Only one VLAN Name TLV is supported in LLDP packets

26.3 IldpV2Xdot1ConfigProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.3

Name	Access	PDS	Description
IldpV2Xdot1ConfigProtoVlanTx Enable (1.3.111.2.802.1.1.13.1.5.32962 .1.1.3.1.1)	read-write	Current	The value 0 is added as the default, and the status is always "FALSE". When setting with the value "TRUE", the VLAN with the smallest VLAN ID is enabled; when setting with the value "FALSE", the enabled vlan is removed.Only one PROTOVLAN TLV is supported in LLDP packets

26.4 IldpV2Xdot1ConfigProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.4

Name	Access	PDS	Description
IldpV2Xdot1ConfigProtocolTxEn able (1.3.111.2.802.1.1.13.1.5.32962 .1.1.4.1.1)	read-write	Current	Not supported

26.5 IldpV2Xdot1ConfigVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.5

Name	Access	PDS	Description
IldpV2Xdot1ConfigVidUsageDigestTxEnable (1.3.111.2.802.1.1.13.1.5.32962.1.1.5.1.1)	read-write	Current	Read only

26.6 IldpV2Xdot1ConfigManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.1.6

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

26.7 IldpV2Xdot1LocTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.1

Name	Access	PDS	Description
IldpV2Xdot1LocPortVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.1.1.1)	read-only	Current	As per MIB

26.8 IldpV2Xdot1LocProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.2

Name	Access	PDS	Description
IldpV2Xdot1LocProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.1)	not-accessible	Current	As per MIB
IldpV2Xdot1LocProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.2)	read-only	Yes	As per MIB
IldpV2Xdot1LocProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962.1.2.2.1.3)	read-only	Yes	As per MIB

26.9 IldpV2Xdot1LocVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.3

Name	Access	PDS	Description
IldpV2Xdot1LocVlanId (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1.1)	not-accessible	Current	As per MIB
IldpV2Xdot1LocVlanName (1.3.111.2.802.1.1.13.1.5.32962.1.2.3.1.2)	read-only	Current	As per MIB

26.10 IldpV2Xdot1LocProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.4

Name	Access	PDS	Description
IldpV2Xdot1LocProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1.1)	not-accessible	Current	Not supported
IldpV2Xdot1LocProtocolId (1.3.111.2.802.1.1.13.1.5.32962.1.2.4.1.2)	read-only	Yes	Not supported

26.11 IldpV2Xdot1LocVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.5

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

26.12 IldpV2Xdot1LocManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.6

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

26.13 IldpV2Xdot1LocLinkAggTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.2.7

Companion

Name	Access	PDS	Description
IldpV2Xdot1LocLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962 .1.2.7.1.1)	read-only	Current	As per MIB
IldpV2Xdot1LocLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962 .1.2.7.1.2)	read-only	Current	As per MIB

26.14 IldpV2Xdot1RemTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.1

Name	Access	PDS	Description
IldpV2Xdot1RemPortVlanId (1.3.111.2.802.1.1.13.1.5.32962 .1.3.1.1.1)	read-only	No	As per MIB

26.15 IldpV2Xdot1RemProtoVlanTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.2

Name	Access	PDS	Description
IldpV2Xdot1RemProtoVlanId (1.3.111.2.802.1.1.13.1.5.32962 .1.3.2.1.1)	not-accessible	No	As per MIB
IldpV2Xdot1RemProtoVlanSupported (1.3.111.2.802.1.1.13.1.5.32962 .1.3.2.1.2)	read-only	No	As per MIB
IldpV2Xdot1RemProtoVlanEnabled (1.3.111.2.802.1.1.13.1.5.32962 .1.3.2.1.3)	read-only	No	As per MIB

26.16 IldpV2Xdot1RemVlanNameTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.3

Name	Access	PDS	Description
IldpV2Xdot1RemVlanId (1.3.111.2.802.1.1.13.1.5.32962 .1.3.3.1.1)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
IldpV2Xdot1RemVlanName (1.3.111.2.802.1.1.13.1.5.32962 .1.3.3.1.2)	read-only	No	As per MIB

26.17 IldpV2Xdot1RemProtocolTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.4

Name	Access	PDS	Description
IldpV2Xdot1RemProtocolIndex (1.3.111.2.802.1.1.13.1.5.32962 .1.3.4.1.1)	not-accessible	No	As per MIB
IldpV2Xdot1RemProtocolId (1.3.111.2.802.1.1.13.1.5.32962 .1.3.4.1.2)	read-only	No	As per MIB

26.18 IldpV2Xdot1RemVidUsageDigestTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.5

Name	Access	PDS	Description
IldpV2Xdot1RemVidUsageDigest (1.3.111.2.802.1.1.13.1.5.32962 .1.3.5.1.1)	read-only	No	As per MIB

26.19 IldpV2Xdot1RemManVidTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.6

Name	Access	PDS	Description
IldpV2Xdot1RemManVid (1.3.111.2.802.1.1.13.1.5.32962 .1.3.6.1.1)	read-only	No	As per MIB

26.20 IldpV2Xdot1RemLinkAggTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.1.3.7

Name	Access	PDS	Description
IldpV2Xdot1RemLinkAggStatus (1.3.111.2.802.1.1.13.1.5.32962 .1.3.7.1.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
IldpV2Xdot1RemLinkAggPortId (1.3.111.2.802.1.1.13.1.5.32962 .1.3.7.1.2)	read-only	No	As per MIB

26.21 IldpXdot1dcbxConfigETSConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.1

Name	Access	PDS	Description
IldpXdot1dcbxConfigETSConfigurationTxEnable (1.3.111.2.802.1.1.13.1.5.32962 .5.1.1.1.1.1)	read-write	Current	The value set for this node also applies to the other three nodes: IldpXdot1dcbxConfigETSRecommendationTxEnable, IldpXdot1dcbxConfigPFCTxEnable and IldpXdot1dcbxConfigApplicationPriorityTxEnable.

26.22 IldpXdot1dcbxConfigETSRecommendationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.2

Name	Access	PDS	Description
IldpXdot1dcbxConfigETSRecommendationTxEnable (1.3.111.2.802.1.1.13.1.5.32962 .5.1.1.2.1.1)	read-write	Current	The value set for this node also applies to the other three nodes: IldpXdot1dcbxConfigETSConfigurationTxEnable, IldpXdot1dcbxConfigPFCTxEnable and IldpXdot1dcbxConfigApplicationPriorityTxEnable.

26.23 IldpXdot1dcbxConfigPFCTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
lldpXdot1dcbxConfigPFCTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.3.1.1)	read-write	Current	The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSConfigurationTxEnable, lldpXdot1dcbxConfigETSRRecommendationTxEnable and lldpXdot1dcbxConfigApplicationPriorityTxEnable.

26.24 lldpXdot1dcbxConfigApplicationPriorityTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4

Name	Access	PDS	Description
lldpXdot1dcbxConfigApplicationPriorityTxEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.1.4.1.1)	read-write	Current	The value set for this node also applies to the other three nodes: lldpXdot1dcbxConfigETSConfigurationTxEnable, lldpXdot1dcbxConfigETSRRecommendationTxEnable and lldpXdot1dcbxConfigPFCTxEnable.

26.25 lldpXdot1dcbxLocETSTrafficClassesSupportedTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1

Name	Access	PDS	Description
lldpXdot1dcbxLocETSTrafficClassesSupportedBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.1)	read-only	Yes	As per MIB
lldpXdot1dcbxLocETSTrafficClassesSupportedClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.1.1.2)	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
IldpXdot1dcbxLocETSConWillin g (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.1.1.3)	read-only	Yes	As per MIB

26.26 IldpXdot1dcbxLocETSConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.2

Name	Access	PDS	Description
IldpXdot1dcbxLocETSConPriorit y (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.2.1.1)	not-access ible	Yes	As per MIB
IldpXdot1dcbxLocETSConPriTra fficClass (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.2.1.2)	read-only	Current	As per MIB

26.27 IldpXdot1dcbxLocETSConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.3

Name	Access	PDS	Description
IldpXdot1dcbxLocETSConTraffic Class (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.3.1.1)	not-access ible	Current	As per MIB
IldpXdot1dcbxLocETSConTraffic ClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.3.1.2)	read-only	Current	As per MIB

26.28 IldpXdot1dcbxLocETSConTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4

Name	Access	PDS	Description
IldpXdot1dcbxLocETSConTSAT rafficClass (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.1.4.1.1)	not-access ible	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpXdot1dcbxLocETSConTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.1.4.1.2)	read-only	Current	As per MIB

26.29 IldpXdot1dcbxLocETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1

Name	Access	PDS	Description
IldpXdot1dcbxLocETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.1.1.2)	read-only	Current	As per MIB

26.30 IldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2

Name	Access	PDS	Description
IldpXdot1dcbxLocETSRecoTSA TrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxLocETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.2.2.1.2)	read-only	Current	As per MIB

26.31 IldpXdot1dcbxLocPFCBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1

Name	Access	PDS	Description
IldpXdot1dcbxLocPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.1.1.1)	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
IldpXdot1dcbxLocPFCMBC (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.3.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxLocPFCCap (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.3.1.1.3)	read-only	Yes	As per MIB

26.32 IldpXdot1dcbxLocPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.3.2

Name	Access	PDS	Description
IldpXdot1dcbxLocPFCEnablePri ority (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.3.2.1.1)	not-access ible	Yes	As per MIB
IldpXdot1dcbxLocPFCEnableEn abled (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.3.2.1.2)	read-only	Current	As per MIB

26.33 IldpXdot1dcbxLocApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.2.4

Name	Access	PDS	Description
IldpXdot1dcbxLocApplicationPri orityAESelector (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.4.1.1)	not-access ible	Current	As per MIB
IldpXdot1dcbxLocApplicationPri orityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.4.1.2)	not-access ible	Current	The value is fixed to 35078 in DCBX Rev 1.00.
IldpXdot1dcbxLocApplicationPri orityAEPriority (1.3.111.2.802.1.1.13.1.5.32962 .5.1.2.4.1.3)	read-only	Current	As per MIB

26.34 IldpXdot1dcbxRemETSBasicConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.1

Companion

Name	Access	PDS	Description
IldpXdot1dcbxRemETSConCred itBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.1.1.1)	read-only	No	As per MIB
IldpXdot1dcbxRemETSConTraffi cClassesSupported (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.1.1.2)	read-only	No	As per MIB
IldpXdot1dcbxRemETSConWilli ng (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.1.1.3)	read-only	o	As per MIB

26.35 IldpXdot1dcbxRemETSConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.2

Name	Access	PDS	Description
IldpXdot1dcbxRemETSConPrior ity (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.2.1.1)	not-acces sible	No	As per MIB
IldpXdot1dcbxRemETSConPriTr afficClass (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.2.1.2)	read-only	No	As per MIB

26.36 IldpXdot1dcbxRemETSConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.3

Name	Access	PDS	Description
IldpXdot1dcbxRemETSConTraffi cClass (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.3.1.1)	not-acces sible	No	As per MIB
IldpXdot1dcbxRemETSConTraffi cClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.1.3.1.2)	read-only	No	As per MIB

26.37 IldpXdot1dcbxRemETSTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4

Name	Access	PDS	Description
IldpXdot1dcbxRemETSTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.1.4.1.2)	read-only	No	As per MIB

26.38 IldpXdot1dcbxRemETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1

Name	Access	PDS	Description
IldpXdot1dcbxRemETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.1.1.2)	read-only	No	As per MIB

26.39 IldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2

Name	Access	PDS	Description
IldpXdot1dcbxRemETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.1)	not-accessible	No	As per MIB
IldpXdot1dcbxRemETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.3.2.2.1.2)	read-only	No	As per MIB

26.40 IldpXdot1dcbxRemPFBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.1

Companion

Name	Access	PDS	Description
IldpXdot1dcbxRemPFCWilling (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.3.1.1.1)	read-only	No	As per MIB
IldpXdot1dcbxRemPFCMBC (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.3.1.1.2)	read-only	No	As per MIB
IldpXdot1dcbxRemPFCCap (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.3.1.1.3)	read-only	No	As per MIB

26.41 IldpXdot1dcbxRemPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.3.2

Name	Access	PDS	Description
IldpXdot1dcbxRemPFCEnableP riority (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.3.2.1.1)	not-acces sible	No	As per MIB
IldpXdot1dcbxRemPFCEnableE nabled (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.3.2.1.2)	read-only	No	As per MIB

26.42 IldpXdot1dcbxRemApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.3.4

Name	Access	PDS	Description
IldpXdot1dcbxRemApplicationPr iorityAESelector (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.4.1.1)	not-acces sible	No	As per MIB
IldpXdot1dcbxRemApplicationPr iorityAEProtocol (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.4.1.2)	not-acces sible	No	As per MIB
IldpXdot1dcbxRemApplicationPr iorityAEPriority (1.3.111.2.802.1.1.13.1.5.32962 .5.1.3.4.1.3)	read-only	No	As per MIB

26.43 IldpXdot1dcbxAdminETSTBasicConfigurationTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSTConCreditBasedShaperSupport (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.1)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminETSTConTrafficClassesSupported (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminETSTConWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.1.1.3)	read-write	es	Only support read operation

26.44 IldpXdot1dcbxAdminETSTConPriorityAssignmentTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSTConPriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxAdminETSTConPriorityTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.2.1.2)	read-write	Current	Only support read operation

26.45 IldpXdot1dcbxAdminETSTConTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSTConTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3.1.1)	not-accessible	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSConTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.3.1.2)	read-write	Current	Only support read operation

26.46 IldpXdot1dcbxAdminETSConTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSConTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSConTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.1.4.1.2)	read-write	Current	Only support read operation

26.47 IldpXdot1dcbxAdminETSRecoTrafficClassBandwidthTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSRecoTrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1.1.1)	not-accessible	Current	As per MIB
IldpXdot1dcbxAdminETSRecoTrafficClassBandwidth (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.1.1.2)	read-write	Current	Only support read operation

26.48 IldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithmTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSRecoTSATrafficClass (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2.1.1)	not-accessible	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpXdot1dcbxAdminETSRecoTrafficSelectionAlgorithm (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.2.2.1.2)	read-write	Current	Only support read operation

26.49 IldpXdot1dcbxAdminPFCBasicTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1

Name	Access	PDS	Description
IldpXdot1dcbxAdminPFCWilling (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.1)	read-write	Yes	Only support read operation
IldpXdot1dcbxAdminPFCMBC (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.2)	read-only	Yes	As per MIB
IldpXdot1dcbxAdminPFCCap (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.1.1.3)	read-only	Yes	As per MIB

26.50 IldpXdot1dcbxAdminPFCEnableTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2

Name	Access	PDS	Description
IldpXdot1dcbxAdminPFCEnablePriority (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2.1.1)	not-accessible	Yes	As per MIB
IldpXdot1dcbxAdminPFCEnableEnable (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.3.2.1.2)	read-write	Current	Only support read operation

26.51 IldpXdot1dcbxAdminApplicationPriorityAppTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4

Name	Access	PDS	Description
IldpXdot1dcbxAdminApplicationPriorityASelector (1.3.111.2.802.1.1.13.1.5.32962.5.1.4.4.1.1)	not-accessible	Current	As per MIB

Companion

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

27 LLDP-EXT-DOT3-MIB

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

27.1 IldpXdot3PortConfigTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.1.1

Name	Access	PDS	Description
IldpXdot3PortConfigTLVsTxEnabled (1.0.8802.1.1.2.1.5.4623.1.1.1.1.1)	read-write	Current	Every bit will be set to '1' by default, which means all IEEE 802.3 organizationally defined TLVs will be transmitted on the given port.

27.2 IldpXdot3LocPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.1

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

Companion

IldpXdot3LocPortAutoNegAdv ertisedCap (1.0.8802.1.1.2.1.5.4623.1.2. 1.1.3)	read-only	Current	As per MIB
IldpXdot3LocPortOperMauTy pe (1.0.8802.1.1.2.1.5.4623.1.2. 1.1.4)	read-only	Current	As per MIB

27.3 IldpXdot3LocPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.2

Name	Access	PDS	Description
IldpXdot3LocPowerPortClass (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.1)	read-only	Current	As per MIB
IldpXdot3LocPowerMDISupp orted (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.2)	read-only	Current	As per MIB
IldpXdot3LocPowerMDIEnabl ed (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.3)	read-only	Current	As per MIB
IldpXdot3LocPowerPairContr olable (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.4)	read-only	Current	As per MIB
IldpXdot3LocPowerPairs (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.5)	read-only	Current	As per MIB
IldpXdot3LocPowerClass (1.0.8802.1.1.2.1.5.4623.1.2. 2.1.6)	read-only	Current	As per MIB

27.4 IldpXdot3LocLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.3

Name	Access	PDS	Description
IldpXdot3LocLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.2. 3.1.1)	read-only	Current	As per MIB

Companion

IldpXdot3LocLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.2.3.1.2)	read-only	Current	As per MIB
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27.5 IldpXdot3LocMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.2.4

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

27.6 IldpXdot3RemPortTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.1

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

27.7 IldpXdot3RemPowerTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.2

Name	Access	PDS	Description
IldpXdot3RemPowerPortClasses (1.0.8802.1.1.2.1.5.4623.1.3.2.1.1)	read-only	No	As per MIB

Companion

IldpXdot3RemPowerMDISup ported (1.0.8802.1.1.2.1.5.4623.1.3. 2.1.2)	read-only	No	As per MIB
IldpXdot3RemPowerMDIEna bled (1.0.8802.1.1.2.1.5.4623.1.3. 2.1.3)	read-only	No	As per MIB
IldpXdot3RemPowerPairCont rollable (1.0.8802.1.1.2.1.5.4623.1.3. 2.1.4)	read-only	No	As per MIB
IldpXdot3RemPowerPairs (1.0.8802.1.1.2.1.5.4623.1.3. 2.1.5)	read-only	No	As per MIB
IldpXdot3RemPowerClass (1.0.8802.1.1.2.1.5.4623.1.3. 2.1.6)	read-only	No	As per MIB

27.8 IldpXdot3RemLinkAggTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.3

Name	Access	PDS	Description
IldpXdot3RemLinkAggStatus (1.0.8802.1.1.2.1.5.4623.1.3. 3.1.1)	read-only	No	As per MIB
IldpXdot3RemLinkAggPortId (1.0.8802.1.1.2.1.5.4623.1.3. 3.1.2)	read-only	No	As per MIB

27.9 IldpXdot3RemMaxFrameSizeTable

OID of this table is: 1.0.8802.1.1.2.1.5.4623.1.3.4

Name	Access	PDS	Description
IldpXdot3RemMaxFrameSize (1.0.8802.1.1.2.1.5.4623.1.3. 4.1.1)	read-only	No	As per MIB

28 LLDP-EXT-DOT3-V2-MIB

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

28.1 IldpV2Xdot3PortConfigTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.1.1

Name	Access	PDS	Description
IldpV2Xdot3PortConfigTLVsTxEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.1.1.1.1)	read-write	Current	Every bit will be set to 1 by default for Layer 2 and Layer 3 Ethernet interfaces in nearest-bridge agent mode, which means all IEEE 802.3 organizationally defined TLVs will be transmitted on the given port. The “Link Aggregation TLV” is no longer supported in the IEEE 802.3 new standard, so the bit “unused(2)” for this TLV is no longer used.

28.2 IldpV2Xdot3LocPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.1

Name	Access	PDS	Description
IldpV2Xdot3LocPortAutoNegSupported (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.1)	read-only	Yes	As per MIB
IldpV2Xdot3LocPortAutoNegEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.2)	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
IldpV2Xdot3LocPortAutoNegAdvertisedCap (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.3)	read-only	Yes	As per MIB
IldpV2Xdot3LocPortOperMauType (1.3.111.2.802.1.1.13.1.5.4623.1.2.1.1.4)	read-only	Yes	As per MIB

28.3 IldpV2Xdot3LocPowerTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.2

Name	Access	PDS	Description
IldpV2Xdot3LocPowerPortClass (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.1)	read-only	Yes	As per MIB
IldpV2Xdot3LocPowerMDISupported (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.2)	read-only	Yes	As per MIB
IldpV2Xdot3LocPowerMDIEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.3)	read-only	Yes	As per MIB
IldpV2Xdot3LocPowerPairControllable (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.4)	read-only	Yes	As per MIB
IldpV2Xdot3LocPowerPairs (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.5)	read-only	Yes	As per MIB
IldpV2Xdot3LocPowerClass (1.3.111.2.802.1.1.13.1.5.4623.1.2.2.1.6)	read-only	Yes	As per MIB

28.4 IldpV2Xdot3LocMaxFrameSizeTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.2.3

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

28.5 IldpV2Xdot3RemPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.1

Name	Access	PDS	Description
IldpV2Xdot3RemPortAutoNegSupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.1)	read-only	No	As per MIB
IldpV2Xdot3RemPortAutoNegEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.2)	read-only	No	As per MIB
IldpV2Xdot3RemPortAutoNegAdvertisedCap (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.3)	read-only	No	As per MIB
IldpV2Xdot3RemPortOperMauType (1.3.111.2.802.1.1.13.1.5.4623.1.3.1.1.4)	read-only	No	As per MIB

28.6 IldpV2Xdot3RemPowerTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.2

Name	Access	PDS	Description
IldpV2Xdot3RemPowerPortClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.1)	read-only	No	As per MIB
IldpV2Xdot3RemPowerMDISupported (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.2)	read-only	No	As per MIB
IldpV2Xdot3RemPowerMDIEnabled (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.3)	read-only	No	As per MIB
IldpV2Xdot3RemPowerPairControllable (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.4)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
IldpV2Xdot3RemPowerPairs (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.5)	read-only	No	As per MIB
IldpV2Xdot3RemPowerClass (1.3.111.2.802.1.1.13.1.5.4623.1.3.2.1.6)	read-only	No	As per MIB

28.7 IldpV2Xdot3RemMaxFrameSizeTable

OID of this table is: 1.3.111.2.802.1.1.13.1.5.4623.1.3.3

Name	Access	PDS	Description
IldpV2Xdot3RemMaxFrameSize (1.3.111.2.802.1.1.13.1.5.4623.1.3.3.1.1)	read-only	No	As per MIB

29 LLDP-EXT-MED-MIB

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

Endpoint Discovery information.

29.1 Scalar Objects

Name	Access	PDS	Description
IldpXMedLocDeviceClass (1.0.8802.1.1.2.1.5.4795.1.1.1)	read-only	Current	As per MIB
IldpXMedFastStartRepeatCount (1.0.8802.1.1.2.1.5.4795.1.1.3)	read-write	Current	Range from 1 to 8. The default value is 4.
IldpXMedLocHardwareRev (1.0.8802.1.1.2.1.5.4795.1.2.2)	read-only	Current	As per MIB
IldpXMedLocFirmwareRev (1.0.8802.1.1.2.1.5.4795.1.2.3)	read-only	Current	As per MIB
IldpXMedLocSoftwareRev (1.0.8802.1.1.2.1.5.4795.1.2.4)	read-only	Current	As per MIB
IldpXMedLocSerialNum (1.0.8802.1.1.2.1.5.4795.1.2.5)	read-only	Current	As per MIB
IldpXMedLocMfgName (1.0.8802.1.1.2.1.5.4795.1.2.6)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpXMedLocModelName (1.0.8802.1.1.2.1.5.4795.1.2.7)	read-only	Current	As per MIB
IldpXMedLocAssetID (1.0.8802.1.1.2.1.5.4795.1.2.8)	read-only	Current	As per MIB
IldpxMedLocXPoEDeviceType (1.0.8802.1.1.2.1.5.4795.1.2.10)	read-only	Current	Not supported
IldpXMedLocXPoEPSEPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.12)	read-only	Current	Not supported
IldpXMedLocXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.2.13)	read-only	Current	Not supported
IldpXMedLocXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.2.14)	read-only	Current	Not supported
IldpXMedLocXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.2.15)	read-only	Current	Not supported

29.2 IldpXMedPortConfigEntry

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.1.2.1

Name	Access	PDS	Description
IldpXMedPortCapSupported (1.0.8802.1.1.2.1.5.4795.1.1.2.1.1)	read-only	Current	As per MIB

Companion

IldpXMedPortConfigTLVsTxEnable (1.0.8802.1.1.2.1.5.4795.1.1.2.1.2)	read-write	Current	The networkPolicy bit will be set to '1' by default when interface works in bridge mode. Otherwise, it will be set to '0' by default. The location and extendedPD bits will be set to '0' by default, and other bits will be set to '1' by default. If the extendedPSE bit is set but respective capability is not supported per port, the agent will not send the corresponding TLV. The location bit only support read operation.
IldpXMedPortConfigNotifEnable (1.0.8802.1.1.2.1.5.4795.1.1.2.1.3)	read-write	Current	As per MIB

29.3 IldpXMedLocLocationTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.2.9

Name	Access	PDS	Description
IldpXMedLocLocationSubtype (1.0.8802.1.1.2.1.5.4795.1.2.9.1.1)	not-accessible	Current	Only civicAddress(3) and elin(4) are supported.
IldpXMedLocLocationInfo (1.0.8802.1.1.2.1.5.4795.1.2.9.1.2)	read-write	Current	The bit 'location(2)' of the IldpXMedPortConfigTLVsTxEnable object will be set to '1' when the location information is configured, and it will be set to '0' when the location information is deleted.

29.4 IldpXMedRemCapabilitiesTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.1

Name	Access	PDS	Description
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Companion

IldpXMedRemCapSupported (1.0.8802.1.1.2.1.5.4795.1.3.1.1.1)	read-only	No	As per MIB
IldpXMedRemCapCurrent (1.0.8802.1.1.2.1.5.4795.1.3.1.1.2)	read-only	No	As per MIB
IldpXMedRemDeviceClass (1.0.8802.1.1.2.1.5.4795.1.3.1.1.3)	read-only	No	As per MIB

29.5 IldpXMedRemMediaPolicyTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.2

Name	Access	PDS	Description
IldpXMedRemMediaPolicyAp pType (1.0.8802.1.1.2.1.5.4795.1.3.2.1.1)	not-accessibl e	No	As per MIB
IldpXMedRemMediaPolicyVla nID (1.0.8802.1.1.2.1.5.4795.1.3.2.1.2)	read-only	No	As per MIB
IldpXMedRemMediaPolicyPri ority (1.0.8802.1.1.2.1.5.4795.1.3.2.1.3)	read-only	No	As per MIB
IldpXMedRemMediaPolicyDs cp (1.0.8802.1.1.2.1.5.4795.1.3.2.1.4)	read-only	No	As per MIB
IldpXMedRemMediaPolicyUn known (1.0.8802.1.1.2.1.5.4795.1.3.2.1.5)	read-only	No	As per MIB
IldpXMedRemMediaPolicyTa gged (1.0.8802.1.1.2.1.5.4795.1.3.2.1.6)	read-only	No	As per MIB

29.6 IldpXMedRemInventoryTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.3

Companion

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

29.7 IldpXMedRemLocationTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.4

Name	Access	PDS	Description
IldpXMedRemLocationSubtype (1.0.8802.1.1.2.1.5.4795.1.3.4.1.1)	not-accessible	No	As per MIB
IldpXMedRemLocationInfo (1.0.8802.1.1.2.1.5.4795.1.3.4.1.2)	read-only	No	As per MIB

29.8 IldpXMedRemXPoETable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.5

Name	Access	PDS	Description
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Companion

IldpXMedRemXPoEDeviceType (1.0.8802.1.1.2.1.5.4795.1.3.5.1.1)	read-only	No	As per MIB
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29.9 IldpXMedRemXPoEPSETable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.6

Name	Access	PDS	Description
IldpXMedRemXPoEPSEPowerAv (1.0.8802.1.1.2.1.5.4795.1.3.6.1.1)	read-only	No	As per MIB
IldpXMedRemXPoEPSEPowerSource (1.0.8802.1.1.2.1.5.4795.1.3.6.1.2)	read-only	No	As per MIB
IldpXMedRemXPoEPSEPowerPriority (1.0.8802.1.1.2.1.5.4795.1.3.6.1.3)	read-only	No	As per MIB

29.10 IldpXMedRemXPoEPDTable

OID of this table is: 1.0.8802.1.1.2.1.5.4795.1.3.7

Name	Access	PDS	Description
IldpXMedRemXPoEPDPowerReq (1.0.8802.1.1.2.1.5.4795.1.3.7.1.1)	read-only	No	As per MIB
IldpXMedRemXPoEPDPowerSource (1.0.8802.1.1.2.1.5.4795.1.3.7.1.2)	read-only	No	As per MIB
IldpXMedRemXPoEPDPowerPriority (1.0.8802.1.1.2.1.5.4795.1.3.7.1.3)	read-only	No	As per MIB

30 LLDP-V2-MIB

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

30.1 Scalar Objects

Name	Access	PDS	Description
IldpV2MessageTxInterval (1.3.111.2.802.1.1.13.1.1.1)	read-write	Current	As per MIB
IldpV2MessageTxHoldMultiplier (1.3.111.2.802.1.1.13.1.1.2)	read-write	Current	As per MIB
IldpV2ReinitDelay (1.3.111.2.802.1.1.13.1.1.3)	read-write	Current	As per MIB
IldpV2NotificationInterval (1.3.111.2.802.1.1.13.1.1.4)	read-write	Current	As per MIB
IldpV2TxCreditMax (1.3.111.2.802.1.1.13.1.1.5)	read-write	Current	As per MIB
IldpV2MessageFastTx (1.3.111.2.802.1.1.13.1.1.6)	read-write	Current	As per MIB
IldpV2TxFastInit (1.3.111.2.802.1.1.13.1.1.7)	read-write	Current	As per MIB
IldpV2StatsRemTablesLastChangeTime (1.3.111.2.802.1.1.13.1.2.1)	read-only	No	As per MIB
IldpV2StatsRemTablesInserts (1.3.111.2.802.1.1.13.1.2.2)	read-only	No	As per MIB
IldpV2StatsRemTablesDeletes (1.3.111.2.802.1.1.13.1.2.3)	read-only	No	As per MIB
IldpV2StatsRemTablesDrops (1.3.111.2.802.1.1.13.1.2.4)	read-only	No	As per MIB
IldpV2StatsRemTablesAgeouts (1.3.111.2.802.1.1.13.1.2.5)	read-only	No	As per MIB
IldpV2LocChassisIdSubtype (1.3.111.2.802.1.1.13.1.3.1)	read-only	Yes	As per MIB
IldpV2LocChassisId (1.3.111.2.802.1.1.13.1.3.2)	read-only	Yes	As per MIB
IldpV2LocSysName (1.3.111.2.802.1.1.13.1.3.3)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpV2LocSysDesc (1.3.111.2.802.1.1.13.1.3.4)	read-only	Yes	As per MIB
IldpV2LocSysCapSupported (1.3.111.2.802.1.1.13.1.3.5)	read-only	Yes	As per MIB
IldpV2LocSysCapEnabled (1.3.111.2.802.1.1.13.1.3.6)	read-only	Yes	As per MIB

30.2 IldpV2PortConfigTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.8

Name	Access	PDS	Description
IldpV2PortConfigIfIndex (1.3.111.2.802.1.1.13.1.1.8.1.1)	not-accessible	Current	As per MIB
IldpV2PortConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.8.1.2)	not-accessible	Yes	As per MIB
IldpV2PortConfigAdminStatus (1.3.111.2.802.1.1.13.1.1.8.1.3)	read-write	Current	The default value is disabled(4) for a Layer 2 Ethernet interface in nearest- nontpmr or nearest-customer agent, for a Layer 2 aggregate interface in nearest- nontpmr or nearest-customer agent, for a Layer 3 Ethernet interface in nearest- nontpmr or nearest-customer agent and for a Layer 3 aggregate interface in nearest- nontpmr or nearest-customer agent.
IldpV2PortConfigNotificationEnable (1.3.111.2.802.1.1.13.1.1.8.1.4)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
IldpV2PortConfigTLVsTxEnable (1.3.111.2.802.1.1.13.1.1.8.1.5)	read-write	Current	The default value is 0xf0 for a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent, for a Layer 2 aggregate interface in nearest-customer agent, for a Layer 3 Ethernet interface in nearest-bridge or nearest-customer agent and for a Layer 3 aggregate interface in nearest-customer agent. The default value is 0x40 for an S-channel interface.

30.3 IldpV2DestAddressTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.9

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

30.4 IldpV2ManAddrConfigTxPortsTable

OID of this table is: 1.3.111.2.802.1.1.13.1.1.10

Name	Access	PDS	Description
IldpV2ManAddrConfigIfIndex (1.3.111.2.802.1.1.13.1.1.10.1.1)	not-accessible	Current	As per MIB
IldpV2ManAddrConfigDestAddressIndex (1.3.111.2.802.1.1.13.1.1.10.1.2)	not-accessible	Yes	As per MIB
IldpV2ManAddrConfigLocManAddressSubtype (1.3.111.2.802.1.1.13.1.1.10.1.3)	not-accessible	Yes	As per MIB

Companion

Name	Access	PDS	Description
IldpV2ManAddrConfigLocManAddr (1.3.111.2.802.1.1.13.1.1.10.1.4)	not-accessible	Current	Only support one ManAddr TLV.
IldpV2ManAddrConfigTxEnable (1.3.111.2.802.1.1.13.1.1.10.1.5)	read-create	Current	The default value is True for a Layer 2 Ethernet interface in nearest-bridge or nearest-customer agent, for a Layer 2 aggregate interface in nearest-customer agent, for a Layer 3 Ethernet interface in nearest-bridge or nearest-customer agent and for a Layer 3 aggregate interface in nearest-customer agent.
IldpV2ManAddrConfigRowStatus (1.3.111.2.802.1.1.13.1.1.10.1.6)	read-create	Current	Only support active(1)、createAndGo(4) and destroy(6).

30.5 IldpV2StatsTxPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.2.6

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

30.6 IldpV2StatsRxPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.2.7

Name	Access	PDS	Description
IldpV2StatsRxDestIfIndex (1.3.111.2.802.1.1.13.1.2.7.1.1)	not-accessible	Current	As per MIB

Companion

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

30.7 IldpV2LocPortTable

OID of this table is: 1.3.111.2.802.1.1.13.1.3.7

Name	Access	PDS	Description
IldpV2LocPortIfIndex (1.3.111.2.802.1.1.13.1.3.7.1.1)	not-accessible	Current	As per MIB
IldpV2LocPortIdSubtype (1.3.111.2.802.1.1.13.1.3.7.1.2)	read-only	Yes	As per MIB
IldpV2LocPortId (1.3.111.2.802.1.1.13.1.3.7.1.3)	read-only	Yes	As per MIB
IldpV2LocPortDesc (1.3.111.2.802.1.1.13.1.3.7.1.4)	read-only	Current	As per MIB

30.8 IldpV2LocManAddrTable

OID of this table is: 1.3.111.2.802.1.1.13.1.3.8

Name	Access	PDS	Description
IldpV2LocManAddrSubtype (1.3.111.2.802.1.1.13.1.3.8.1.1)	not-accessible	Yes	As per MIB
IldpV2LocManAddr (1.3.111.2.802.1.1.13.1.3.8.1.2)	not-accessible	Current	Only support one ManAddr TLV.
IldpV2LocManAddrLen (1.3.111.2.802.1.1.13.1.3.8.1.3)	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
IldpV2LocManAddrIfSubtype (1.3.111.2.802.1.1.13.1.3.8.1.4)	read-only	Yes	As per MIB
IldpV2LocManAddrIfId (1.3.111.2.802.1.1.13.1.3.8.1.5)	read-only	Current	As per MIB
IldpV2LocManAddrOID (1.3.111.2.802.1.1.13.1.3.8.1.6)	read-only	Yes	Not supported

30.9 IldpV2RemTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.1

Name	Access	PDS	Description
IldpV2RemTimeMark (1.3.111.2.802.1.1.13.1.4.1.1.1)	not-accessible	No	This object identifies the time when the remote system information is created or updated. Network management can look up the history of remote system information by this object.
IldpV2RemLocalIfIndex (1.3.111.2.802.1.1.13.1.4.1.1.2)	not-accessible	No	As per MIB
IldpV2RemLocalDestMACAddress (1.3.111.2.802.1.1.13.1.4.1.1.3)	not-accessible	No	As per MIB
IldpV2RemIndex (1.3.111.2.802.1.1.13.1.4.1.1.4)	not-accessible	No	As per MIB
IldpV2RemChassisIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.5)	read-only	No	As per MIB
IldpV2RemChassisId (1.3.111.2.802.1.1.13.1.4.1.1.6)	read-only	No	As per MIB
IldpV2RemPortIdSubtype (1.3.111.2.802.1.1.13.1.4.1.1.7)	read-only	No	As per MIB
IldpV2RemPortId (1.3.111.2.802.1.1.13.1.4.1.1.8)	read-only	No	As per MIB
IldpV2RemPortDesc (1.3.111.2.802.1.1.13.1.4.1.1.9)	read-only	No	As per MIB
IldpV2RemSysName (1.3.111.2.802.1.1.13.1.4.1.1.10)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
IldpV2RemSysDesc (1.3.111.2.802.1.1.13.1.4.1.1.11)	read-only	No	As per MIB
IldpV2RemSysCapSupported (1.3.111.2.802.1.1.13.1.4.1.1.12)	read-only	No	As per MIB
IldpV2RemSysCapEnabled (1.3.111.2.802.1.1.13.1.4.1.1.13)	read-only	No	As per MIB
IldpV2RemRemoteChanges (1.3.111.2.802.1.1.13.1.4.1.1.14)	read-only	No	As per MIB
IldpV2RemTooManyNeighbors (1.3.111.2.802.1.1.13.1.4.1.1.15)	read-only	No	As per MIB

30.10 IldpV2RemManAddrTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.2

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

30.11 IldpV2RemUnknownTLVTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.3

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

30.12 IldpV2RemOrgDefInfoTable

OID of this table is: 1.3.111.2.802.1.1.13.1.4.4

Name	Access	PDS	Description
IldpV2RemOrgDefInfoOUI (1.3.111.2.802.1.1.13.1.4.4.1.1)	not-accessible	No	As per MIB
IldpV2RemOrgDefInfoSubType (1.3.111.2.802.1.1.13.1.4.4.1.2)	not-accessible	No	As per MIB
IldpV2RemOrgDefInfoIndex (1.3.111.2.802.1.1.13.1.4.4.1.3)	not-accessible	No	As per MIB
IldpV2RemOrgDefInfo (1.3.111.2.802.1.1.13.1.4.4.1.4)	read-only	No	As per MIB

31 MAU-MIB

31.1 ifMauTable

OID of this table is: 1.3.6.1.2.1.26.2.1

Name	Access	PDS	Description
ifMauIfIndex (1.3.6.1.2.1.26.2.1.1.1)	read-only	No	As per MIB
ifMauIndex (1.3.6.1.2.1.26.2.1.1.2)	read-only	No	As per MIB
ifMauType (1.3.6.1.2.1.26.2.1.1.3)	read-only	No	As per MIB
ifMauStatus (1.3.6.1.2.1.26.2.1.1.4)	read-write	No	Only support read operation
ifMauMediaAvailable (1.3.6.1.2.1.26.2.1.1.5)	read-only	No	As per MIB
ifMauMediaAvailableStateExits (1.3.6.1.2.1.26.2.1.1.6)	read-only	No	As per MIB
ifMauJabberState (1.3.6.1.2.1.26.2.1.1.7)	read-only	No	As per MIB
ifMauJabberingStateEnters (1.3.6.1.2.1.26.2.1.1.8)	read-only	No	As per MIB
ifMauFalseCarriers (1.3.6.1.2.1.26.2.1.1.9)	read-only	No	As per MIB
ifMauTypeList (1.3.6.1.2.1.26.2.1.1.10)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
ifMauDefaultType (1.3.6.1.2.1.26.2.1.1.11)	read-write	Current	Only support read operation
ifMauAutoNegSupported (1.3.6.1.2.1.26.2.1.1.12)	read-only	Yes	As per MIB
ifMauTypeListBits (1.3.6.1.2.1.26.2.1.1.13)	read-only	Current	As per MIB
ifMauHCFALSECarriers (1.3.6.1.2.1.26.2.1.1.14)	read-only	No	As per MIB

31.2 ifJackTable of dot3IfMauBasicGroup

OID of this table is: 1.3.6.1.2.1.26.2.2

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

31.3 ifMauAutoNegTable

OID of this table is: 1.3.6.1.2.1.26.5.1

Name	Access	PDS	Description
ifMauAutoNegAdminStatus (1.3.6.1.2.1.26.5.1.1.1)	read-write	Current	Only support read operation
ifMauAutoNegRemoteSignaling (1.3.6.1.2.1.26.5.1.1.2)	read-only	No	As per MIB
ifMauAutoNegConfig (1.3.6.1.2.1.26.5.1.1.4)	read-only	Current	As per MIB
ifMauAutoNegCapability (1.3.6.1.2.1.26.5.1.1.5)	read-only	Current	As per MIB
ifMauAutoNegCapAdvertised (1.3.6.1.2.1.26.5.1.1.6)	read-write	Current	Only support read operation
ifMauAutoNegCapReceived (1.3.6.1.2.1.26.5.1.1.7)	read-only	No	As per MIB
ifMauAutoNegRestart (1.3.6.1.2.1.26.5.1.1.8)	read-write	Current	Only support read operation
ifMauAutoNegCapabilityBits (1.3.6.1.2.1.26.5.1.1.9)	read-only	Current	As per MIB
ifMauAutoNegCapAdvertisedBits (1.3.6.1.2.1.26.5.1.1.10)	read-write	Current	Only support read operation

Companion

Name	Access	PDS	Description
ifMauAutoNegCapReceivedBits (1.3.6.1.2.1.26.5.1.1.11)	read-only	No	As per MIB
ifMauAutoNegRemoteFaultAdvertised (1.3.6.1.2.1.26.5.1.1.12)	read-write	Current	Only support read operation
ifMauAutoNegRemoteFaultReceived (1.3.6.1.2.1.26.5.1.1.13)	read-only	Current	As per MIB

32 MPLS-L3VPN-STD-MIB

32.1 mplsL3VpnScalars

OID of this table is: 1.3.6.1.2.1.10.166.11.1.1

Name	Access	PDS	Description
mplsL3VpnConfiguredVrfs (1.3.6.1.2.1.10.166.11.1.1.1)	read-only	No	As per MIB
mplsL3VpnActiveVrfs (1.3.6.1.2.1.10.166.11.1.1.2)	read-only	No	As per MIB
mplsL3VpnConnectedInterfaces (1.3.6.1.2.1.10.166.11.1.1.3)	read-only	No	As per MIB
mplsL3VpnNotificationEnable (1.3.6.1.2.1.10.166.11.1.1.4)	read-write	No	As per MIB
mplsL3VpnVrfConfMaxPossRts (1.3.6.1.2.1.10.166.11.1.1.5)	read-only	No	As per MIB This object is not supported. The counter always returns a value of 0.
mplsL3VpnVrfConfRteMxThreshTime (1.3.6.1.2.1.10.166.11.1.1.6)	read-only	No	As per MIB This object is not supported. The counter always returns a value of 0.
mplsL3VpnIlliRcvThrsh (1.3.6.1.2.1.10.166.11.1.1.7)	read-write	No	Only support read This object is not supported. The counter always returns a value of 0.

32.2 mplsL3VpnIfConfTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.2.1

Name	Access	PDS	Description
mplsL3VpnIfConfIndex(1.3.6.1.2.1.10.166.11.1.2.1.1)	not-accessible	No	As per MIB
mplsL3VpnIfVpnClassification(1.3.6.1.2.1.10.166.11.1.2.1.1.2)	read-create	No	Only support read
mplsL3VpnIfVpnRouteDistProtocol(1.3.6.1.2.1.10.166.11.1.2.1.1.3)	read-create	No	Only support read
mplsL3VpnIfConfStorageType(1.3.6.1.2.1.10.166.11.1.2.1.1.4)	read-create	No	Only support read
mplsL3VpnIfConfRowStatus(1.3.6.1.2.1.10.166.11.1.2.1.1.5)	read-create	No	As per MIB

32.3 mplsL3VpnVrfTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.2.2

Name	Access	PDS	Description
mplsL3VpnVrfName(1.3.6.1.2.1.10.166.11.1.2.2.1.1)	not-accessible	No	As per MIB
mplsL3VpnVrfVpnId(1.3.6.1.2.1.10.166.11.1.2.2.1.2)	read-create	No	As per MIB
mplsL3VpnVrfDescription(1.3.6.1.2.1.10.166.11.1.2.2.1.3)	read-create	No	As per MIB
mplsL3VpnVrfRD(1.3.6.1.2.1.10.166.11.1.2.2.1.4)	read-create	No	As per MIB
mplsL3VpnVrfCreationTime(1.3.6.1.2.1.10.166.11.1.2.2.1.5)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
mplsL3VpnVrfOperStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.6)	read-only	No	As per MIB
mplsL3VpnVrfActiveInterfaces (1.3.6.1.2.1.10.166.11.1.2.2.1.7)	read-only	No	As per MIB
mplsL3VpnVrfAssociatedInterfaces (1.3.6.1.2.1.10.166.11.1.2.2.1.8)	read-only	No	As per MIB
mplsL3VpnVrfConfMidRteThreshold (1.3.6.1.2.1.10.166.11.1.2.2.1.9)	read-create	No	Only support read
mplsL3VpnVrfConfHighRteThreshold (1.3.6.1.2.1.10.166.11.1.2.2.1.10)	read-create	No	Only support read
mplsL3VpnVrfConfMaxRoutes (1.3.6.1.2.1.10.166.11.1.2.2.1.11)	read-create	No	Only support read
mplsL3VpnVrfConfLastChanged (1.3.6.1.2.1.10.166.11.1.2.2.1.12)	read-only	No	As per MIB
mplsL3VpnVrfConfRowStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.13)	read-create	No	As per MIB
mplsL3VpnVrfConfAdminStatus (1.3.6.1.2.1.10.166.11.1.2.2.1.14)	read-create	No	Only support read
mplsL3VpnVrfConfStorageType (1.3.6.1.2.1.10.166.11.1.2.2.1.15)	read-create	No	Only support read.

32.4 mplsL3VpnVrfRTTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.2.3

Companion

Name	Access	PDS	Description
mplsL3VpnVrfRTIndex (1.3.6.1.2.1.10.166.11.1.2.3.1.2)	not-accessible	No	As per MIB
mplsL3VpnVrfRTType (1.3.6.1.2.1.10.166.11.1.2.3.1.3)	not-accessible	No	As per MIB
mplsL3VpnVrfRT (1.3.6.1.2.1.10.166.11.1.2.3.1.4)	read-create	No	Only support read
mplsL3VpnVrfRTDescr (1.3.6.1.2.1.10.166.11.1.2.3.1.5)	read-create	No	Only support read
mplsL3VpnVrfRTRowStatus (1.3.6.1.2.1.10.166.11.1.2.3.1.6)	read-create	No	Only support read
mplsL3VpnVrfRTStorageType (1.3.6.1.2.1.10.166.11.1.2.3.1.7)	read-create	No	Only support read

32.5 mplsL3VpnVrfSecTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.2.6

Name	Access	PDS	Description
mplsL3VpnVrfSecIllegalLabels (1.3.6.1.2.1.10.166.11.1.2.6.1.1)	read-only	No	As per MIB
mplsL3VpnVrfSecDiscontinuityTime (1.3.6.1.2.1.10.166.11.1.2.6.1.2)	read-only	No	As per MIB

32.6 mplsL3VpnVrfPerfTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.3.1

Name	Access	PDS	Description
mplsL3VpnVrfPerfRoutesAdded (1.3.6.1.2.1.10.166.11.1.3.1.1.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
mplsL3VpnVrfPerfRoutesDeleted (1.3.6.1.2.1.10.166.11.1.3.1.1.2)	read-only	No	As per MIB
mplsL3VpnVrfPerfCurrNumRoutes (1.3.6.1.2.1.10.166.11.1.3.1.1.3)	read-only	No	As per MIB
mplsL3VpnVrfPerfRoutesDropped (1.3.6.1.2.1.10.166.11.1.3.1.1.4)	read-only	No	As per MIB
mplsL3VpnVrfPerfDiscTime (1.3.6.1.2.1.10.166.11.1.3.1.1.5)	read-only	No	As per MIB

32.7 mplsL3VpnVrfRteTable

OID of this table is: 1.3.6.1.2.1.10.166.11.1.4.1

Name	Access	PDS	Description
mplsL3VpnVrfRteInetCidrDestType (1.3.6.1.2.1.10.166.11.1.4.1.1.1)	not-accessible	No	As per MIB
mplsL3VpnVrfRteInetCidrDest (1.3.6.1.2.1.10.166.11.1.4.1.1.2)	not-accessible	No	As per MIB
mplsL3VpnVrfRteInetCidrPrefixLen (1.3.6.1.2.1.10.166.11.1.4.1.1.3)	not-accessible	No	As per MIB
mplsL3VpnVrfRteInetCidrPolicy (1.3.6.1.2.1.10.166.11.1.4.1.1.4)	not-accessible	No	As per MIB
mplsL3VpnVrfRteInetCidrNHOpType (1.3.6.1.2.1.10.166.11.1.4.1.1.5)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
mplsL3VpnVrfRtInetCidrNextHop (1.3.6.1.2.1.10.166.11.1.4.1.1.6)	not-accessible	No	As per MIB
mplsL3VpnVrfRtInetCidrIndex (1.3.6.1.2.1.10.166.11.1.4.1.1.7)	read-create	No	Only support read
mplsL3VpnVrfRtInetCidrType (1.3.6.1.2.1.10.166.11.1.4.1.1.8)	read-create	No	Only support read
mplsL3VpnVrfRtInetCidrProto (1.3.6.1.2.1.10.166.11.1.4.1.1.9)	read-only	No	As per MIB
mplsL3VpnVrfRtInetCidrAge (1.3.6.1.2.1.10.166.11.1.4.1.1.10)	read-only	No	As per MIB
mplsL3VpnVrfRtInetCidrNextHopAS (1.3.6.1.2.1.10.166.11.1.4.1.1.11)	read-create	No	Only support read
mplsL3VpnVrfRtInetCidrMetric1 (1.3.6.1.2.1.10.166.11.1.4.1.1.12)	read-create	No	Only support read
mplsL3VpnVrfRtInetCidrMetric2 (1.3.6.1.2.1.10.166.11.1.4.1.1.13)	read-create	No	Only support read This object is not used, and the value is set to -1.
mplsL3VpnVrfRtInetCidrMetric3 (1.3.6.1.2.1.10.166.11.1.4.1.1.14)	read-create	No	Only support read This object is not used, and the value is set to -1.
mplsL3VpnVrfRtInetCidrMetric4 (1.3.6.1.2.1.10.166.11.1.4.1.1.15)	read-create	No	Only support read This object is not used, and the value is set to -1.

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Name	Access	PDS	Description
mplsL3VpnVrfRteInetCidrMetric5 (1.3.6.1.2.1.10.166.11.1.4.1.1.16)	read-create	No	Only support read This object is not used, and the value is set to -1.
mplsL3VpnVrfRteXCPointer (1.3.6.1.2.1.10.166.11.1.4.1.1.17)	read-create	No	Only support read This object is not supported. The counter always returns a value of 00.00.00.00.
mplsL3VpnVrfRteInetCidrStatus (1.3.6.1.2.1.10.166.11.1.4.1.1.18)	read-create	No	Only support read

33 OSPF-MIB

33.1 ospfGeneralGroup

OID of this table is: 1.3.6.1.2.1.14.1

Name	Access	PDS	Description
ospfRouterId (1.3.6.1.2.1.14.1.1)	read-write	Current	Only support read operation
ospfAdminStat (1.3.6.1.2.1.14.1.2)	read-write	No	Only support read operation
ospfVersionNumber (1.3.6.1.2.1.14.1.3)	read-only	Yes	As per MIB
ospfAreaBdrRtrStatus (1.3.6.1.2.1.14.1.4)	read-only	No	As per MIB
ospfASBdrRtrStatus (1.3.6.1.2.1.14.1.5)	read-write	No	Only support read operation
ospfExternLsaCount (1.3.6.1.2.1.14.1.6)	read-only	No	As per MIB
ospfExternLsaChecksumSum (1.3.6.1.2.1.14.1.7)	read-only	No	As per MIB
ospfTOSSupport (1.3.6.1.2.1.14.1.8)	read-write	Yes	Only support read operation
ospfOriginateNewLsas (1.3.6.1.2.1.14.1.9)	read-only	No	As per MIB

Companion

ospfRxNewLsas (1.3.6.1.2.1.14.1.10)	read-only	No	As per MIB
ospfExtLsdbLimit (1.3.6.1.2.1.14.1.11)	read-write	Current	The value range is -1 and from 1 to 1000000
ospfMulticastExtensions (1.3.6.1.2.1.14.1.12)	read-write	Yes	Only support read operation
ospfExitOverflowInterval (1.3.6.1.2.1.14.1.13)	read-write	Current	As per MIB
ospfDemandExtensions (1.3.6.1.2.1.14.1.14)	read-write	Yes	Only support read operation
ospfRFC1583Compatibility (1.3.6.1.2.1.14.1.15)	read-write	Current	As per MIB
ospfOpaqueLsaSupport (1.3.6.1.2.1.14.1.16)	read-only	Yes	As per MIB
ospfReferenceBandwidth (1.3.6.1.2.1.14.1.17)	read-write	Current	The portion less than 1000 of the whole value will be ignored.
ospfRestartSupport (1.3.6.1.2.1.14.1.18)	read-write	Current	If value changes from 1 to 2 or 3, IETF GR is supported; if value changes between 2 and 3, the original GR type is not changed.
ospfRestartInterval (1.3.6.1.2.1.14.1.19)	read-write	Current	As per MIB
ospfRestartStrictLsaChecking (1.3.6.1.2.1.14.1.20)	read-write	Current	As per MIB
ospfRestartStatus (1.3.6.1.2.1.14.1.21)	read-only	No	As per MIB
ospfRestartAge (1.3.6.1.2.1.14.1.22)	read-only	No	As per MIB
ospfRestartExitReason (1.3.6.1.2.1.14.1.23)	read-only	No	As per MIB
ospfAsLsaCount (1.3.6.1.2.1.14.1.24)	read-only	No	As per MIB
ospfAsLsaCksumSum (1.3.6.1.2.1.14.1.25)	read-only	No	As per MIB
ospfStubRouterSupport (1.3.6.1.2.1.14.1.26)	read-only	Yes	As per MIB
ospfStubRouterAdvertisement (1.3.6.1.2.1.14.1.27)	read-write	Current	As per MIB
ospfDiscontinuityTime (1.3.6.1.2.1.14.1.28)	read-only	No	As per MIB

33.2 ospfAreaTable

OID of this table is: 1.3.6.1.2.1.14.2

Name	Access	PDS	Description
ospfAreald (1.3.6.1.2.1.14.2.1.1)	read-only	Current	As per MIB
ospfAuthType (1.3.6.1.2.1.14.2.1.2)	read-create	Current	Only support read operation
ospfImportAsExtern (1.3.6.1.2.1.14.2.1.3)	read-create	Current	Only support read operation
ospfSpfRuns (1.3.6.1.2.1.14.2.1.4)	read-only	No	As per MIB
ospfAreaBdrRtrCount (1.3.6.1.2.1.14.2.1.5)	read-only	No	As per MIB
ospfAsBdrRtrCount (1.3.6.1.2.1.14.2.1.6)	read-only	No	As per MIB
ospfAreaLsaCount (1.3.6.1.2.1.14.2.1.7)	read-only	No	As per MIB
ospfAreaLsaCksumSum (1.3.6.1.2.1.14.2.1.8)	read-only	No	As per MIB
ospfAreaSummary (1.3.6.1.2.1.14.2.1.9)	read-create	Current	Only support read and write operation
ospfAreaStatus (1.3.6.1.2.1.14.2.1.10)	read-create	No	Only support read operation
ospfAreaNssaTranslatorRole (1.3.6.1.2.1.14.2.1.11)	read-create	Current	Only support read and write operation
ospfAreaNssaTranslatorState (1.3.6.1.2.1.14.2.1.12)	read-only	No	As per MIB
ospfAreaNssaTranslatorStabilityInterval (1.3.6.1.2.1.14.2.1.13)	read-create	Current	Only support read and write operation. The value range is from 0 to 900
ospfAreaNssaTranslatorEvents (1.3.6.1.2.1.14.2.1.14)	read-only	No	As per MIB

33.3 ospfStubAreaTable

OID of this table is: 1.3.6.1.2.1.14.3

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

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.14.3.1.1)			
ospfStubTOS (1.3.6.1.2.1.14.3.1.2)	read-only	Yes	As per MIB
ospfStubMetric (1.3.6.1.2.1.14.3.1.3)	read-create	Current	Only support read and write operation. The value range is from 0 to 16777214
ospfStubStatus (1.3.6.1.2.1.14.3.1.4)	read-create	No	Only support read operation
ospfStubMetricType (1.3.6.1.2.1.14.3.1.5)	read-create	Yes	Only support read operation

33.4 ospfLsdbTable

OID of this table is: 1.3.6.1.2.1.14.4

Name	Access	PDS	Description
ospfLsdbAreald (1.3.6.1.2.1.14.4.1.1)	read-only	No	As per MIB
ospfLsdbType (1.3.6.1.2.1.14.4.1.2)	read-only	No	As per MIB
ospfLsdbLsid (1.3.6.1.2.1.14.4.1.3)	read-only	No	As per MIB
ospfLsdbRouterId (1.3.6.1.2.1.14.4.1.4)	read-only	No	As per MIB
ospfLsdbSequence (1.3.6.1.2.1.14.4.1.5)	read-only	No	As per MIB
ospfLsdbAge (1.3.6.1.2.1.14.4.1.6)	read-only	No	As per MIB
ospfLsdbChecksum (1.3.6.1.2.1.14.4.1.7)	read-only	No	As per MIB
ospfLsdbAdvertisement (1.3.6.1.2.1.14.4.1.8)	read-only	No	As per MIB

33.5 ospfAreaRangeTable

OID of this table is: 1.3.6.1.2.1.14.5 (obsolete)

33.6 ospfHostTable

OID of this table is: 1.3.6.1.2.1.14.6

Name	Access	PDS	Description
ospfHostIpAddress (1.3.6.1.2.1.14.6.1.1)	read-only	Current	As per MIB
ospfHostTOS (1.3.6.1.2.1.14.6.1.2)	read-only	Yes	As per MIB
ospfHostMetric (1.3.6.1.2.1.14.6.1.3)	read-create	Current	Only support read and write operation. The value range is from 1 to 65535
ospfHostStatus (1.3.6.1.2.1.14.6.1.4)	read-create	No	Only support read operation
ospfHostAreaID (1.3.6.1.2.1.14.6.1.5)	read-only	Current	As per MIB
ospfHostCfgAreaID (1.3.6.1.2.1.14.6.1.6)	read-create	Current	Only support read operation

33.7 ospflfTable

OID of this table is: 1.3.6.1.2.1.14.7

Name	Access	PDS	Description
ospflfIpAddress (1.3.6.1.2.1.14.7.1.1)	read-only	Current	As per MIB
ospfAddressLessIf (1.3.6.1.2.1.14.7.1.2)	read-only	No	As per MIB
ospflfAreald (1.3.6.1.2.1.14.7.1.3)	read-create	Current	Only support read operation
ospflfType (1.3.6.1.2.1.14.7.1.4)	read-create	Current	Only support read and write operation, and write operation is not supported by LoopBack interface.
ospflfAdminStat (1.3.6.1.2.1.14.7.1.5)	read-create	No	Only support read operation
ospflfRtrPriority (1.3.6.1.2.1.14.7.1.6)	read-create	Current	Only support read and write operation, and write operation is not supported by LoopBack interface.
ospflfTransitDelay	read-create	Current	Only support read and write

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Name	Access	PDS	Description
(1.3.6.1.2.1.14.7.1.7)			operation.The value range is from 1 to 3600, and write operation is not supported by LoopBack interface.
ospflfRetransInterval (1.3.6.1.2.1.14.7.1.8)	read-create	Current	Only support read and write operation.The value range is from 1 to 3600, and write operation is not supported by LoopBack interface.
ospflfHelloInterval (1.3.6.1.2.1.14.7.1.9)	read-create	Current	Only support read and write operation, and write operation is not supported by LoopBack interface.
ospflfRtrDeadInterval (1.3.6.1.2.1.14.7.1.10)	read-create	Current	Only support read and write operation.The value range is from 1 to 2147483647, and write operation is not supported by LoopBack interface.
ospflfPollInterval (1.3.6.1.2.1.14.7.1.11)	read-create	Current	Only support read and write operation.The value range is from 1 to 2147483647, and write operation is not supported by LoopBack interface.
ospflfState (1.3.6.1.2.1.14.7.1.12)	read-only	No	As per MIB
ospflfDesignatedRouter (1.3.6.1.2.1.14.7.1.13)	read-only	No	As per MIB
ospflfBackupDesignatedRouter (1.3.6.1.2.1.14.7.1.14)	read-only	No	As per MIB
ospflfEvents (1.3.6.1.2.1.14.7.1.15)	read-only	No	As per MIB
ospflfAuthKey (1.3.6.1.2.1.14.7.1.16)	read-create	Current	Only support read operation
ospflfStatus (1.3.6.1.2.1.14.7.1.17)	read-create	No	Only support read operation
ospflfMulticastForwarding (1.3.6.1.2.1.14.7.1.18)	read-create	YES	Only support read operation
ospflfDemand (1.3.6.1.2.1.14.7.1.19)	read-create	YES	Only support read operation

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Name	Access	PDS	Description
ospflfAuthType (1.3.6.1.2.1.14.7.1.20)	read-create	Current	Only support read operation
ospflfLsaCount (1.3.6.1.2.1.14.7.1.21)	read-only	No	As per MIB
ospflfLsaCksumSum (1.3.6.1.2.1.14.7.1.22)	read-only	No	As per MIB
ospflfDesignatedRouterId (1.3.6.1.2.1.14.7.1.23)	read-only	No	As per MIB
ospflfBackupDesignatedRouterId (1.3.6.1.2.1.14.7.1.24)	read-only	No	As per MIB

33.8 ospflfMetricTable

OID of this table is: 1.3.6.1.2.1.14.8

Name	Access	PDS	Description
ospflfMetricIpAddress (1.3.6.1.2.1.14.8.1.1)	read-only	Current	As per MIB
ospflfMetricAddressLessIf (1.3.6.1.2.1.14.8.1.2)	read-only	No	As per MIB
ospflfMetricTOS (1.3.6.1.2.1.14.8.1.3)	read-only	Yes	As per MIB
ospflfMetricValue (1.3.6.1.2.1.14.8.1.4)	read-create	Current	Only support read and write operation .The value range is from 0 to 65535 for LoopBack interface, and from 1 to 65535 for other interfaces.
ospflfMetricStatus (1.3.6.1.2.1.14.8.1.5)	read-create	No	Only support read operation

33.9 ospfVirtIfTable

OID of this table is: 1.3.6.1.2.1.14.9

Name	Access	PDS	Description
ospfVirtIfAreald (1.3.6.1.2.1.14.9.1.1)	read-only	Current	As per MIB

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Name	Access	PDS	Description
ospfVirtIfNeighbor (1.3.6.1.2.1.14.9.1.2)	read-only	Current	As per MIB
ospfVirtIfTransitDelay (1.3.6.1.2.1.14.9.1.3)	read-create	Current	Only support read and write operation. The value range is from 1 to 3600
ospfVirtIfRetransInterval (1.3.6.1.2.1.14.9.1.4)	read-create	Current	Only support read and write operation. The value range is from 1 to 3600
ospfVirtIfHelloInterval (1.3.6.1.2.1.14.9.1.5)	read-create	Current	Only support read and write operation. The value range is from 1 to 8192
ospfVirtIfRtrDeadInterval (1.3.6.1.2.1.14.9.1.6)	read-create	Current	Only support read and write operation The value range is from 1 to 32768
ospfVirtIfState (1.3.6.1.2.1.14.9.1.7)	read-only	No	As per MIB
ospfVirtIfEvents (1.3.6.1.2.1.14.9.1.8)	read-only	No	As per MIB
ospfVirtIfAuthKey (1.3.6.1.2.1.14.9.1.9)	read-create	Current	Only support read operation
ospfVirtIfStatus (1.3.6.1.2.1.14.9.1.10)	read-create	No	Only support read operation
ospfVirtIfAuthType (1.3.6.1.2.1.14.9.1.11)	read-create	Current	Only support read operation
ospfVirtIfLsaCount (1.3.6.1.2.1.14.9.1.12)	read-only	No	As per MIB
ospfVirtIfLsaCksumSum (1.3.6.1.2.1.14.9.1.13)	read-only	No	As per MIB

33.10 ospfNbrTable

OID of this table is: 1.3.6.1.2.1.14.10

Name	Access	PDS	Description
ospfNbrIpAddr (1.3.6.1.2.1.14.10.1.1)	read-only	No	As per MIB
ospfNbrAddressLessIndex (1.3.6.1.2.1.14.10.1.2)	read-only	No	As per MIB
ospfNbrRtrId	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.14.10.1.3)			
ospfNbrOptions (1.3.6.1.2.1.14.10.1.4)	read-only	No	As per MIB
ospfNbrPriority (1.3.6.1.2.1.14.10.1.5)	read-create	Current	Only support read and write operation, and write operation is only supported by NBMA neighbour
ospfNbrState (1.3.6.1.2.1.14.10.1.6)	read-only	No	As per MIB
ospfNbrEvents (1.3.6.1.2.1.14.10.1.7)	read-only	No	As per MIB
ospfNbrLsRetransQLen (1.3.6.1.2.1.14.10.1.8)	read-only	No	As per MIB
ospfNbmaNbrStatus (1.3.6.1.2.1.14.10.1.9)	read-create	No	Only support read operation
ospfNbmaNbrPermanence (1.3.6.1.2.1.14.10.1.10)	read-only	No	As per MIB
ospfNbrHelloSuppressed (1.3.6.1.2.1.14.10.1.11)	read-only	No	As per MIB
ospfNbrRestartHelperStatus (1.3.6.1.2.1.14.10.1.12)	read-only	No	As per MIB
ospfNbrRestartHelperAge (1.3.6.1.2.1.14.10.1.13)	read-only	No	As per MIB
ospfNbrRestartHelperExitReason (1.3.6.1.2.1.14.10.1.14)	read-only	No	As per MIB

33.11 ospfVirtNbrTable

OID of this table is: 1.3.6.1.2.1.14.11

Name	Access	PDS	Description
ospfVirtNbrArea (1.3.6.1.2.1.14.11.1.1)	read-only	No	As per MIB
ospfVirtNbrRtrId (1.3.6.1.2.1.14.11.1.2)	read-only	No	As per MIB
ospfVirtNbrIpAddr (1.3.6.1.2.1.14.11.1.3)	read-only	No	As per MIB
ospfVirtNbrOptions (1.3.6.1.2.1.14.11.1.4)	read-only	No	As per MIB
ospfVirtNbrState (1.3.6.1.2.1.14.11.1.5)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
ospfVirtNbrEvents (1.3.6.1.2.1.14.11.1.6)	read-only	No	As per MIB
ospfVirtNbrLsRetransQLen (1.3.6.1.2.1.14.11.1.7)	read-only	No	As per MIB
ospfVirtNbrHelloSuppressed (1.3.6.1.2.1.14.11.1.8)	read-only	No	As per MIB
ospfVirtNbrRestartHelperStat us (1.3.6.1.2.1.14.11.1.9)	read-only	No	As per MIB
ospfVirtNbrRestartHelperAge (1.3.6.1.2.1.14.11.1.10)	read-only	No	As per MIB
ospfVirtNbrRestartHelperExit Reason (1.3.6.1.2.1.14.11.1.11)	read-only	No	As per MIB

33.12 ospfExtLsdbTable

OID of this table is: 1.3.6.1.2.1.14.12

Name	Access	PDS	Description
ospfExtLsdbType (1.3.6.1.2.1.14.12.1.1)	read-only	No	As per MIB
ospfExtLsdbLsid (1.3.6.1.2.1.14.12.1.2)	read-only	No	As per MIB
ospfExtLsdbRouterId (1.3.6.1.2.1.14.12.1.3)	read-only	No	As per MIB
ospfExtLsdbSequence (1.3.6.1.2.1.14.12.1.4)	read-only	No	As per MIB
ospfExtLsdbAge (1.3.6.1.2.1.14.12.1.5)	read-only	No	As per MIB
ospfExtLsdbChecksum (1.3.6.1.2.1.14.12.1.6)	read-only	No	As per MIB
ospfExtLsdbAdvertisement (1.3.6.1.2.1.14.12.1.7)	read-only	No	As per MIB

33.13 ospfAreaAggregateTable

OID of this table is: 1.3.6.1.2.1.14.14

Companion

Name	Access	PDS	Description
ospfAreaAggregateAreaID (1.3.6.1.2.1.14.14.1.1)	read-only	Current	As per MIB
ospfAreaAggregateLsdbType (1.3.6.1.2.1.14.14.1.2)	read-only	Current	As per MIB
ospfAreaAggregateNet (1.3.6.1.2.1.14.14.1.3)	read-only	Current	As per MIB
ospfAreaAggregateMask (1.3.6.1.2.1.14.14.1.4)	read-only	Current	As per MIB
ospfAreaAggregateStatus (1.3.6.1.2.1.14.14.1.5)	read-create	No	Only support read operation
ospfAreaAggregateEffect (1.3.6.1.2.1.14.14.1.6)	read-create	Current	Only support read and write operation
ospfAreaAggregateExtRoute Tag(1.3.6.1.2.1.14.14.1.7)	read-create	Current	Only support read and write operation, and write operation is only supported by nssaExternalLink.

33.14 ospfLocalLsdbTable

OID of this table is: 1.3.6.1.2.1.14.17

Name	Access	PDS	Description
ospfLocalLsdbIpAddress (1.3.6.1.2.1.14.17.1.1)	not-accessible	No	As per MIB
ospfLocalLsdbAddressLessIf (1.3.6.1.2.1.14.17.1.2)	not-accessible	No	As per MIB
ospfLocalLsdbType (1.3.6.1.2.1.14.17.1.3)	not-accessible	No	As per MIB
ospfLocalLsdbLsid (1.3.6.1.2.1.14.17.1.4)	not-accessible	No	As per MIB
ospfLocalLsdbRouterId (1.3.6.1.2.1.14.17.1.5)	not-accessible	No	As per MIB
ospfLocalLsdbSequence (1.3.6.1.2.1.14.17.1.6)	read-only	No	As per MIB
ospfLocalLsdbAge (1.3.6.1.2.1.14.17.1.7)	read-only	No	As per MIB
ospfLocalLsdbChecksum (1.3.6.1.2.1.14.17.1.8)	read-only	No	As per MIB
ospfLocalLsdbAdvertisement (1.3.6.1.2.1.14.17.1.9)	read-only	No	As per MIB

33.15 ospfVirtLocalLsdbTable

OID of this table is: 1.3.6.1.2.1.14.18

Name	Access	PDS	Description
ospfVirtLocalLsdbTransitArea (1.3.6.1.2.1.14.18.1.1)	not-accessible	No	As per MIB
ospfVirtLocalLsdbNeighbor (1.3.6.1.2.1.14.18.1.2)	not-accessible	No	As per MIB
ospfVirtLocalLsdbType (1.3.6.1.2.1.14.18.1.3)	not-accessible	No	As per MIB
ospfVirtLocalLsdbLsid (1.3.6.1.2.1.14.18.1.4)	not-accessible	No	As per MIB
ospfVirtLocalLsdbRouterId (1.3.6.1.2.1.14.18.1.5)	not-accessible	No	As per MIB
ospfVirtLocalLsdbSequence (1.3.6.1.2.1.14.18.1.6)	read-only	No	As per MIB
ospfVirtLocalLsdbAge (1.3.6.1.2.1.14.18.1.7)	read-only	No	As per MIB
ospfVirtLocalLsdbChecksum (1.3.6.1.2.1.14.18.1.8)	read-only	No	As per MIB
ospfVirtLocalLsdbAdvertisement (1.3.6.1.2.1.14.18.1.9)	read-only	No	As per MIB

33.16 ospfAsLsdbTable

OID of this table is: 1.3.6.1.2.1.14.19

Name	Access	PDS	Description
ospfAsLsdbType (1.3.6.1.2.1.14.19.1.1)	not-accessible	No	As per MIB
ospfAsLsdbLsid (1.3.6.1.2.1.14.19.1.2)	not-accessible	No	As per MIB
ospfAsLsdbRouterId (1.3.6.1.2.1.14.19.1.3)	not-accessible	No	As per MIB
ospfAsLsdbSequence (1.3.6.1.2.1.14.19.1.4)	read-only	No	As per MIB
ospfAsLsdbAge (1.3.6.1.2.1.14.19.1.5)	read-only	No	As per MIB
ospfAsLsdbChecksum (1.3.6.1.2.1.14.19.1.6)	read-only	No	As per MIB
ospfAsLsdbAdvertisement (1.3.6.1.2.1.14.19.1.7)	read-only	No	As per MIB

33.17 ospfAreaLsaCountTable

OID of this table is: 1.3.6.1.2.1.14.20

Name	Access	PDS	Description
ospfAreaLsaCountAreald (1.3.6.1.2.1.14.20.1.1)	not-accessible	Current	As per MIB
ospfAreaLsaCountLsaType (1.3.6.1.2.1.14.20.1.2)	not-accessible	Current	As per MIB
ospfAreaLsaCountNumber (1.3.6.1.2.1.14.20.1.3)	read-only	No	As per MIB

34 OSPF-TRAP-MIB

34.1 ospfTrapControl

OID of this table is: 1.3.6.1.2.1.14.16.1

Name	Access	PDS	Description
ospfSetTrap (1.3.6.1.2.1.14.16.1.1)	read-write	Current	As per MIB
ospfConfigErrorType (1.3.6.1.2.1.14.16.1.2)	read-only	No	As per MIB
ospfPacketType (1.3.6.1.2.1.14.16.1.3)	read-only	No	As per MIB
ospfPacketSrc (1.3.6.1.2.1.14.16.1.4)	read-only	No	As per MIB

35 P-BRIDGE-MIB

35.1 Scalar objects of dot1dExtBase group

OID of this table is: 1.3.6.1.2.1.17.6.1.1

Name	Access	PDS	Description
dot1dDeviceCapabilities (1.3.6.1.2.1.17.6.1.1.1)	read-only	No	As per MIB
dot1dTrafficClassesEnabled (1.3.6.1.2.1.17.6.1.1.2)	read-only	No	Only support read operation

Companion

Name	Access	PDS	Description
dot1dGmrpStatus (1.3.6.1.2.1.17.6.1.1.3)	read-write	No	Not supported

35.2 dot1dPortCapabilitiesTable

OID of this table is: 1.3.6.1.2.1.17.6.1.1.4

Name	Access	PDS	Description
dot1dPortCapabilities (1.3.6.1.2.1.17.6.1.1.4.1.1)	read-only	Current	Indicates the parts of IEEE 802.1D and 802.1Q that are optional on a per-port basis that are implemented by this device and are manageable through this MIB

36 Q-BRIDGE-MIB

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

36.1 dot1qBase group

OID of this table is: 1.3.6.1.2.1.17.7.1.1

Name	Access	PDS	Description
dot1qVlanVersionNumber (1.3.6.1.2.1.17.7.1.1.1)	read-only	Current	As per MIB
dot1qMaxVlanId (1.3.6.1.2.1.17.7.1.1.2)	read-only	Current	As per MIB
dot1qMaxSupportedVlans (1.3.6.1.2.1.17.7.1.1.3)	read-only	Current	As per MIB
dot1qNumVlans (1.3.6.1.2.1.17.7.1.1.4)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
dot1qGvrpStatus (1.3.6.1.2.1.17.7.1.1.5)	read-write	No	Not supported

36.2 dot1qTpFdbTable

OID of this table is: 1.3.6.1.2.1.17.7.1.2.2

Name	Access	PDS	Description
dot1qTpFdbAddress (1.3.6.1.2.1.17.7.1.2.2.1.1)	not-accessible	Current	As per MIB
dot1qTpFdbPort (1.3.6.1.2.1.17.7.1.2.2.1.2)	read-only	Current	As per MIB
dot1qTpFdbStatus (1.3.6.1.2.1.17.7.1.2.2.1.3)	read-only	Current	The MAC addresses configured as dynamic are integrated into the MAC addresses learned.

36.3 Scalar objects of dot1qVlan group

OID of this table is: 1.3.6.1.2.1.17.7.1.4

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

36.4 dot1qVlanCurrentTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.2

Name	Access	PDS	Description
dot1qVlanTimeMark (1.3.6.1.2.1.17.7.1.4.2.1.1)	not-accessible	No	As per MIB
dot1qVlanIndex (1.3.6.1.2.1.17.7.1.4.2.1.2)	not-accessible	No	As per MIB
dot1qVlanFdbId (1.3.6.1.2.1.17.7.1.4.2.1.3)	read-only	No	As per MIB

Companion

dot1qVlanCurrentEgressPorts (1.3.6.1.2.1.17.7.1.4.2.1.4)	read-only	No	As per MIB
dot1qVlanCurrentUntaggedPorts (1.3.6.1.2.1.17.7.1.4.2.1.5)	read-only	No	As per MIB
dot1qVlanStatus (1.3.6.1.2.1.17.7.1.4.2.1.6)	read-only	No	As per MIB
dot1qVlanCreationTime (1.3.6.1.2.1.17.7.1.4.2.1.7)	read-only	No	As per MIB

36.5 dot1qVlanStaticTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.3

Name	Access	PDS	Description
dot1qVlanStaticName (1.3.6.1.2.1.17.7.1.4.3.1.1)	read-create	Current	A null string or zero length string inputted as dot1qVlanStaticName will be replaced with the default name of the vlan. Default value for each vlan is "vlan xxxx", and xxxx is serial number of the vlan.
dot1qVlanStaticEgressPorts (1.3.6.1.2.1.17.7.1.4.3.1.2)	read-create	Current	As per MIB
dot1qVlanForbiddenEgressPorts (1.3.6.1.2.1.17.7.1.4.3.1.3)	read-create	Current	Not supported
dot1qVlanStaticUntaggedPorts (1.3.6.1.2.1.17.7.1.4.3.1.4)	read-create	Current	As per MIB
dot1qVlanStaticRowStatus (1.3.6.1.2.1.17.7.1.4.3.1.5)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6). The default vlan can not be destroyed.

36.6 dot1qPortVlanTable

OID of this table is: 1.3.6.1.2.1.17.7.1.4.5

Name	Access	PDS	Description
dot1qPvid (1.3.6.1.2.1.17.7.1.4.5.1.1)	read-write	Current	This node does not support set operation when the port type is access
dot1qPortAcceptableFrameTypes (1.3.6.1.2.1.17.7.1.4.5.1.2)	read-only	No	As per MIB
dot1qPortIngressFiltering (1.3.6.1.2.1.17.7.1.4.5.1.3)	read-only	No	As per MIB
dot1qPortGvrpStatus (1.3.6.1.2.1.17.7.1.4.5.1.4)	read-write	Current	Not supported
dot1qPortGvrpFailedRegistrations (1.3.6.1.2.1.17.7.1.4.5.1.5)	read-only	No	Not supported
dot1qPortGvrpLastPduOrigin (1.3.6.1.2.1.17.7.1.4.5.1.6)	read-only	No	Not supported

37 RADIUS-ACC-CLIENT-MIB

37.1 Scalar Objects

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

37.2 radiusAccServerTable

OID of this table is: 1.3.6.1.2.1.67.2.2.1.1.3

Name	Access	PDS	Description
radiusAccServerIndex (1.3.6.1.2.1.67.2.2.1.1.3.1.1)	not-accessible	No	As per MIB
radiusAccServerAddress (1.3.6.1.2.1.67.2.2.1.1.3.1.2)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
radiusAccClientServerPortNumber (1.3.6.1.2.1.67.2.2.1.1.3.1.3)	read-only	Current	As per MIB
radiusAccClientRoundTripTime (1.3.6.1.2.1.67.2.2.1.1.3.1.4)	read-only	No	As per MIB
radiusAccClientRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.5)	read-only	No	As per MIB
radiusAccClientRetransmissions (1.3.6.1.2.1.67.2.2.1.1.3.1.6)	read-only	No	As per MIB
radiusAccClientResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.7)	read-only	No	As per MIB
radiusAccClientMalformedResponses (1.3.6.1.2.1.67.2.2.1.1.3.1.8)	read-only	No	As per MIB
radiusAccClientBadAuthenticators (1.3.6.1.2.1.67.2.2.1.1.3.1.9)	read-only	No	As per MIB
radiusAccClientPendingRequests (1.3.6.1.2.1.67.2.2.1.1.3.1.10)	read-only	No	As per MIB
radiusAccClientTimeouts (1.3.6.1.2.1.67.2.2.1.1.3.1.11)	read-only	No	As per MIB
radiusAccClientUnknownTypes (1.3.6.1.2.1.67.2.2.1.1.3.1.12)	read-only	No	As per MIB
radiusAccClientPacketsDropped (1.3.6.1.2.1.67.2.2.1.1.3.1.13)	read-only	No	As per MIB

38 RADIUS-AUTH-CLIENT-MIB

38.1 Scalar Objects

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

Companion

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

38.2 radiusAuthServerTable

OID of this table is: 1.3.6.1.2.1.67.1.2.1.1.3

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

Companion

Name	Access	PDS	Description
uests (1.3.6.1.2.1.67.1.2.1.1.3.1.12)			
radiusAuthClientTimeouts (1.3.6.1.2.1.67.1.2.1.1.3.1.13)	read-only	No	As per MIB
radiusAuthClientUnknownTypes (1.3.6.1.2.1.67.1.2.1.1.3.1.14)	read-only	No	As per MIB
radiusAuthClientPacketsDropped (1.3.6.1.2.1.67.1.2.1.1.3.1.15)	read-only	No	As per MIB

39 RFC1213-MIB

39.1 system Group {mib-2.1}

This group is fully supported.

Name	Access	PDS	Description
sysDescr (1.3.6.1.2.1.1.1)	read-only	No	"HP 5900" for HP 5900 devices;"HP 5920" for HP 5920 devices.
sysObjectID (1.3.6.1.2.1.1.2)	read-only	No	1.3.6.1.4.1.25506.11.1.78--- hp5920AF24XG 1.3.6.1.4.1.25506.11.1.100-- -hp5900AF48XG4QSFPlus s 1.3.6.1.4.1.25506.11.1.113-- -hp5900AF48XGT4QSFPlus us 1.3.6.1.4.1.25506.11.1.120-- -hp5900AF48G4XG2QSFPlus Plus 1.3.6.1.4.1.25506.11.1.130-- -hp5900AF48XG4QSFPlusTAA sTAA 1.3.6.1.4.1.25506.11.1.131-- -hp5920AF24XGTAA 1.3.6.1.4.1.25506.11.1.137-- -hp6125XGXLG

Companion

Name	Access	PDS	Description
			1.3.6.1.4.1.25506.11.1.142-- -hpMoonshot45XGc 1.3.6.1.4.1.25506.11.1.144-- -hpFF593032QSFPlus 1.3.6.1.4.1.25506.11.1.145-- -hpFF593032QSFPlusTAA 1.3.6.1.4.1.25506.11.1.149-- -hpFF5900CP48XG4QSFP Plus 1.3.6.1.4.1.25506.11.1.150-- -hp5900CP48XG4QSFPlus s8GbFCBF
sysUpTime (1.3.6.1.2.1.1.3)	read-only	No	As per MIB
sysContact (1.3.6.1.2.1.1.4)	read-write	Current	for HP devices The length of value is 1 to 255.
sysName (1.3.6.1.2.1.1.5)	read-write	Current	"5900" for HP 5900 devices;"5920" for HP 5920 devices.
sysLocation (1.3.6.1.2.1.1.6)	read-write	Current	for HP devices The length of value is 1 to 255.
sysServices (1.3.6.1.2.1.1.7)	read-only	Current	78 (2 ² - 1) + 2 ³ - 1 + 2 ⁴ - 1 + 2 ⁷ - 1). indicates that system can provide the following services: 2 datalink/subnetwork (e.g., bridges) 3 internet (e.g., supports the IP) 4 end-to-end (e.g., supports the TCP) 7 applications (e.g., supports the SMTP)

39.2 interfaces Group {mib-2.2}

See ifTable in IF-MIB

39.3 at Group {mib-2.3}

at (Address Translation) group is fully supported.

39.3.1 atTable

OID of this table is: 1.3.6.1.2.1.3.1

Name	Access	PDS	Description
atIflIndex (1.3.6.1.2.1.3.1.1.1)	read-write	Current	Only support read operation
atPhysAddress (1.3.6.1.2.1.3.1.1.2)	read-write	Current	Only support read operation
atNetAddress (1.3.6.1.2.1.3.1.1.3)	read-write	Current	Only support read operation

39.4 ip Group {mib-2.4}

The following objects will be supported:

39.4.1 Scalar Objects

Name	Access	PDS	Description
ipForwarding (1.3.6.1.2.1.4.1)	read-only	Current	Because the L3 switch can not be set to L2 mode via the MIB, so it is a read only object.
ipDefaultTTL (1.3.6.1.2.1.4.2)	read-only	No	As per MIB
ipInReceives (1.3.6.1.2.1.4.3)	read-only	No	As per MIB
ipInHdrErrors (1.3.6.1.2.1.4.4)	read-only	No	As per MIB
ipInAddrErrors (1.3.6.1.2.1.4.5)	read-only	No	As per MIB
ipForwDatagrams (1.3.6.1.2.1.4.6)	read-only	No	As per MIB
ipInUnknownProtos (1.3.6.1.2.1.4.7)	read-only	No	As per MIB
ipInDiscards (1.3.6.1.2.1.4.8)	read-only	No	As per MIB
ipInDelivers (1.3.6.1.2.1.4.9)	read-only	No	As per MIB
ipOutRequests (1.3.6.1.2.1.4.10)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
ipOutDiscards (1.3.6.1.2.1.4.11)	read-only	No	As per MIB
ipOutNoRoutes (1.3.6.1.2.1.4.12)	read-only	No	As per MIB
ipReasmTimeout (1.3.6.1.2.1.4.13)	read-only	No	As per MIB
ipReasmReqds (1.3.6.1.2.1.4.14)	read-only	No	As per MIB
ipReasmOKs (1.3.6.1.2.1.4.15)	read-only	No	As per MIB
ipReasmFails (1.3.6.1.2.1.4.16)	read-only	No	As per MIB
ipFragOKs (1.3.6.1.2.1.4.17)	read-only	No	As per MIB
ipFragFails (1.3.6.1.2.1.4.18)	read-only	No	As per MIB
ipFragCreates (1.3.6.1.2.1.4.19)	read-only	No	As per MIB
ipRoutingDiscards (1.3.6.1.2.1.4.23)	read-only	No	As per MIB
ipv6IpForwarding (1.3.6.1.2.1.4.25)	read-write	No	Only support read operation
ipv6IpDefaultHopLimit (1.3.6.1.2.1.4.26)	read-write	No	Only support read operation
ipv4InterfaceTableLastChange (1.3.6.1.2.1.4.27)	read-only	No	Not supported
ipv6InterfaceTableLastChange (1.3.6.1.2.1.4.29)	read-only	No	Not supported
ipIfStatsTableLastChange (1.3.6.1.2.1.4.31.2)	read-only	No	Not supported
ipAddressSpinLock (1.3.6.1.2.1.4.33)	read-write	No	Not supported
ipv6RouterAdvertSpinLock (1.3.6.1.2.1.4.38)	read-write	No	Not supported

39.4.2 ipAddrTable

OID of this table is: 1.3.6.1.2.1.4.20

Name	Access	PDS	Description
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Companion

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

39.4.3 ipRouteTable

OID of this table is: 1.3.6.1.2.1.4.21

Name	Access	PDS	Description
ipRouteDest(1.3.6.1.2.1.4.21.1.1)	read-write	No	Only support read
ipRouteIfIndex(1.3.6.1.2.1.4.21.1.2)	read-write	No	Only support read
ipRouteMetric1(1.3.6.1.2.1.4.21.1.3)	read-write	No	Only support read
ipRouteMetric2(1.3.6.1.2.1.4.21.1.4)	read-write	No	Only support read
ipRouteMetric3(1.3.6.1.2.1.4.21.1.5)	read-write	No	Only support read
ipRouteMetric4(1.3.6.1.2.1.4.21.1.6)	read-write	No	Only support read
ipRouteNextHop(1.3.6.1.2.1.4.21.1.7)	read-write	No	Only support read
ipRouteType(1.3.6.1.2.1.4.21.1.8)	read-write	No	Only support read
ipRouteProto(1.3.6.1.2.1.4.21.1.9)	read-only	No	As per MIB
ipRouteAge(1.3.6.1.2.1.4.21.1.10)	read-write	No	Only support read
ipRouteMask(1.3.6.1.2.1.4.21.1.11)	read-write	No	Only support read

Companion

Name	Access	PDS	Description
ipRouteMetric5(1.3.6.1.2.1.4.21.1.12)	read-write	No	Only support read
ipRouteInfo(1.3.6.1.2.1.4.21.1.13)	read-only	No	As per MIB

39.4.4 ipNetToMediaTable

OID of this table is: 1.3.6.1.2.1.4.22

Name	Access	PDS	Description
ipNetToMediaIfIndex (1.3.6.1.2.1.4.22.1.1)	read-write	Current	Only support read operation.
ipNetToMediaPhysAddress (1.3.6.1.2.1.4.22.1.2)	read-write	Current	Only support read operation
ipNetToMediaNetAddress (1.3.6.1.2.1.4.22.1.3)	read-write	Current	Only support read operation
ipNetToMediaType (1.3.6.1.2.1.4.22.1.4)	read-write	Current	Only support read operation

39.4.5 ipv6InterfaceTable

OID of this table is: 1.3.6.1.2.1.4.30

Name	Access	PDS	Description
ipv6InterfaceIfIndex (1.3.6.1.2.1.4.30.1.1)	not-accessible	No	As per MIB
ipv6InterfaceReasmMaxSize (1.3.6.1.2.1.4.30.1.2)	read-only	No	As per MIB
ipv6InterfaceIdentifier (1.3.6.1.2.1.4.30.1.3)	read-only	No	As per MIB
ipv6InterfaceEnableStatus (1.3.6.1.2.1.4.30.1.5)	read-write	No	Only support read operation
ipv6InterfaceReachableTime (1.3.6.1.2.1.4.30.1.6)	read-only	No	As per MIB
ipv6InterfaceRetransmitTime (1.3.6.1.2.1.4.30.1.7)	read-only	No	As per MIB

Companion

ipv6InterfaceForwarding (1.3.6.1.2.1.4.30.1.8)	read-write	No	Only support read operation
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39.4.6 ipSystemStatsTable

OID of this table is: 1.3.6.1.2.1.4.31.1

Name	Access	PDS	Description
ipSystemStatsIPVersion (1.3.6.1.2.1.4.31.1.1.1)	not-accessible	No	Only support ipv6(2)
ipSystemStatsInReceives (1.3.6.1.2.1.4.31.1.1.3)	read-only	No	As per MIB
ipSystemStatsHCInReceives (1.3.6.1.2.1.4.31.1.1.4)	read-only	No	As per MIB
ipSystemStatsInOctets (1.3.6.1.2.1.4.31.1.1.5)	read-only	No	Not supported
ipSystemStatsHCInOctets (1.3.6.1.2.1.4.31.1.1.6)	read-only	No	Not supported
ipSystemStatsInHdrErrors (1.3.6.1.2.1.4.31.1.1.7)	read-only	No	As per MIB
ipSystemStatsInNoRoutes (1.3.6.1.2.1.4.31.1.1.8)	read-only	No	As per MIB
ipSystemStatsInAddrErrors (1.3.6.1.2.1.4.31.1.1.9)	read-only	No	As per MIB
ipSystemStatsInUnknownProtos (1.3.6.1.2.1.4.31.1.1.10)	read-only	No	As per MIB
ipSystemStatsInTruncatedPackets (1.3.6.1.2.1.4.31.1.1.11)	read-only	No	Not supported
ipSystemStatsInForwDatagrams (1.3.6.1.2.1.4.31.1.1.12)	read-only	No	As per MIB
ipSystemStatsHCInForwDatagrams (1.3.6.1.2.1.4.31.1.1.13)	read-only	No	As per MIB
ipSystemStatsReasmReqds (1.3.6.1.2.1.4.31.1.1.14)	read-only	No	As per MIB
ipSystemStatsReasmOKs (1.3.6.1.2.1.4.31.1.1.15)	read-only	No	As per MIB
ipSystemStatsReasmFails (1.3.6.1.2.1.4.31.1.1.16)	read-only	No	As per MIB

Companion

ipSystemStatsInDiscards (1.3.6.1.2.1.4.31.1.1.17)	read-only	No	As per MIB
ipSystemStatsInDelivers (1.3.6.1.2.1.4.31.1.1.18)	read-only	No	As per MIB
ipSystemStatsHCInDelivers (1.3.6.1.2.1.4.31.1.1.19)	read-only	No	Not supported
ipSystemStatsOutRequests (1.3.6.1.2.1.4.31.1.1.20)	read-only	No	As per MIB
ipSystemStatsHCOutRequest s (1.3.6.1.2.1.4.31.1.1.21)	read-only	No	Not supported
ipSystemStatsOutNoRoutes (1.3.6.1.2.1.4.31.1.1.22)	read-only	No	As per MIB
ipSystemStatsOutForwDatagr ams (1.3.6.1.2.1.4.31.1.1.23)	read-only	No	As per MIB
ipSystemStatsHCOutForwDat agrams (1.3.6.1.2.1.4.31.1.1.24)	read-only	No	As per MIB
ipSystemStatsOutDiscards (1.3.6.1.2.1.4.31.1.1.25)	read-only	No	As per MIB
ipSystemStatsOutFragReqds (1.3.6.1.2.1.4.31.1.1.26)	read-only	No	As per MIB
ipSystemStatsOutFragOKs (1.3.6.1.2.1.4.31.1.1.27)	read-only	No	As per MIB
ipSystemStatsOutFragFails (1.3.6.1.2.1.4.31.1.1.28)	read-only	No	As per MIB
ipSystemStatsOutFragCreate s (1.3.6.1.2.1.4.31.1.1.29)	read-only	No	As per MIB
ipSystemStatsOutTransmits (1.3.6.1.2.1.4.31.1.1.30)	read-only	No	As per MIB
ipSystemStatsHCOutTransmi ts (1.3.6.1.2.1.4.31.1.1.31)	read-only	No	As per MIB
ipSystemStatsOutOctets (1.3.6.1.2.1.4.31.1.1.32)	read-only	No	Not supported
ipSystemStatsHCOutOctets (1.3.6.1.2.1.4.31.1.1.33)	read-only	No	Not supported
ipSystemStatsInMcastPkts (1.3.6.1.2.1.4.31.1.1.34)	read-only	No	Not supported
ipSystemStatsHCInMcastPkt s (1.3.6.1.2.1.4.31.1.1.35)	read-only	No	Not supported
ipSystemStatsInMcastOctets (1.3.6.1.2.1.4.31.1.1.36)	read-only	No	Not supported

Companion

ipSystemStatsHCInMcastOctets (1.3.6.1.2.1.4.31.1.1.37)	read-only	No	Not supported
ipSystemStatsOutMcastPkts (1.3.6.1.2.1.4.31.1.1.38)	read-only	No	Not supported
ipSystemStatsHCOutMcastPkts (1.3.6.1.2.1.4.31.1.1.39)	read-only	No	Not supported
ipSystemStatsOutMcastOctets (1.3.6.1.2.1.4.31.1.1.40)	read-only	No	Not supported
ipSystemStatsHCOutMcastOctets (1.3.6.1.2.1.4.31.1.1.41)	read-only	No	Not supported
ipSystemStatsInBcastPkts (1.3.6.1.2.1.4.31.1.1.42)	read-only	No	Not supported
ipSystemStatsHCInBcastPkts (1.3.6.1.2.1.4.31.1.1.43)	read-only	No	Not supported
ipSystemStatsOutBcastPkts (1.3.6.1.2.1.4.31.1.1.44)	read-only	No	Not supported
ipSystemStatsHCOutBcastPkts (1.3.6.1.2.1.4.31.1.1.45)	read-only	No	Not supported
ipSystemStatsDiscontinuityTime (1.3.6.1.2.1.4.31.1.1.46)	read-only	No	Not supported
ipSystemStatsRefreshRate (1.3.6.1.2.1.4.31.1.1.47)	read-only	No	Not supported

39.4.7 ipIfStatsTable

OID of this table is: 1.3.6.1.2.1.4.31.3

Name	Access	PDS	Description
ipIfStatsIPVersion (1.3.6.1.2.1.4.31.3.1.1)	not-accessible	No	Only support ipv6(2)
ipIfStatsIfIndex (1.3.6.1.2.1.4.31.3.1.2)	not-accessible	No	As per MIB
ipIfStatsInReceives (1.3.6.1.2.1.4.31.3.1.3)	read-only	No	As per MIB
ipIfStatsHCInReceives (1.3.6.1.2.1.4.31.3.1.4)	read-only	No	Not supported
ipIfStatsInOctets (1.3.6.1.2.1.4.31.3.1.5)	read-only	No	Not supported
ipIfStatsHCInOctets (1.3.6.1.2.1.4.31.3.1.6)	read-only	No	Not supported

Companion

ipIfStatsInHdrErrors (1.3.6.1.2.1.4.31.3.1.7)	read-only	No	As per MIB
ipIfStatsInNoRoutes (1.3.6.1.2.1.4.31.3.1.8)	read-only	No	As per MIB
ipIfStatsInAddrErrors (1.3.6.1.2.1.4.31.3.1.9)	read-only	No	As per MIB
ipIfStatsInUnknownProtos (1.3.6.1.2.1.4.31.3.1.10)	read-only	No	As per MIB
ipIfStatsInTruncatedPkts (1.3.6.1.2.1.4.31.3.1.11)	read-only	No	As per MIB
ipIfStatsInForwDatagrams (1.3.6.1.2.1.4.31.3.1.12)	read-only	No	As per MIB
ipIfStatsHCInForwDatagrams (1.3.6.1.2.1.4.31.3.1.13)	read-only	No	As per MIB
ipIfStatsReasmReqds (1.3.6.1.2.1.4.31.3.1.14)	read-only	No	As per MIB
ipIfStatsReasmOKs (1.3.6.1.2.1.4.31.3.1.15)	read-only	No	As per MIB
ipIfStatsReasmFails (1.3.6.1.2.1.4.31.3.1.16)	read-only	No	As per MIB
ipIfStatsInDiscards (1.3.6.1.2.1.4.31.3.1.17)	read-only	No	As per MIB
ipIfStatsInDelivers (1.3.6.1.2.1.4.31.3.1.18)	read-only	No	As per MIB
ipIfStatsHCInDelivers (1.3.6.1.2.1.4.31.3.1.19)	read-only	No	Not supported
ipIfStatsOutRequests (1.3.6.1.2.1.4.31.3.1.20)	read-only	No	As per MIB
ipIfStatsHCOutRequests (1.3.6.1.2.1.4.31.3.1.21)	read-only	No	Not supported
ipIfStatsOutForwDatagrams (1.3.6.1.2.1.4.31.3.1.23)	read-only	No	As per MIB
ipIfStatsHCOutForwDatagrams (1.3.6.1.2.1.4.31.3.1.24)	read-only	No	Not supported
ipIfStatsOutDiscards (1.3.6.1.2.1.4.31.3.1.25)	read-only	No	As per MIB
ipIfStatsOutFragReqds (1.3.6.1.2.1.4.31.3.1.26)	read-only	No	As per MIB
ipIfStatsOutFragOKs (1.3.6.1.2.1.4.31.3.1.27)	read-only	No	As per MIB

Companion

ipIfStatsOutFragFails (1.3.6.1.2.1.4.31.3.1.28)	read-only	No	As per MIB
ipIfStatsOutFragCreates (1.3.6.1.2.1.4.31.3.1.29)	read-only	No	As per MIB
ipIfStatsOutTransmits (1.3.6.1.2.1.4.31.3.1.30)	read-only	No	As per MIB
ipIfStatsHCOutTransmits (1.3.6.1.2.1.4.31.3.1.31)	read-only	No	Not supported
ipIfStatsOutOctets (1.3.6.1.2.1.4.31.3.1.32)	read-only	No	Not supported
ipIfStatsHCOutOctets (1.3.6.1.2.1.4.31.3.1.33)	read-only	No	Not supported
ipIfStatsInMcastPkts (1.3.6.1.2.1.4.31.3.1.34)	read-only	No	As per MIB
ipIfStatsHCInMcastPkts (1.3.6.1.2.1.4.31.3.1.35)	read-only	No	Not supported
ipIfStatsInMcastOctets (1.3.6.1.2.1.4.31.3.1.36)	read-only	No	Not supported
ipIfStatsHCInMcastOctets (1.3.6.1.2.1.4.31.3.1.37)	read-only	No	Not supported
ipIfStatsOutMcastPkts (1.3.6.1.2.1.4.31.3.1.38)	read-only	No	As per MIB
ipIfStatsHCOutMcastPkts (1.3.6.1.2.1.4.31.3.1.39)	read-only	No	Not supported
ipIfStatsOutMcastOctets (1.3.6.1.2.1.4.31.3.1.40)	read-only	No	Not supported
ipIfStatsHCOutMcastOctets (1.3.6.1.2.1.4.31.3.1.41)	read-only	No	Not supported
ipIfStatsInBcastPkts (1.3.6.1.2.1.4.31.3.1.42)	read-only	No	Not supported
ipIfStatsHCInBcastPkts (1.3.6.1.2.1.4.31.3.1.43)	read-only	No	Not supported
ipIfStatsOutBcastPkts (1.3.6.1.2.1.4.31.3.1.44)	read-only	No	Not supported
ipIfStatsHCOutBcastPkts (1.3.6.1.2.1.4.31.3.1.45)	read-only	No	Not supported
ipIfStatsDiscontinuityTime (1.3.6.1.2.1.4.31.3.1.46)	read-only	No	Not supported
ipIfStatsRefreshRate (1.3.6.1.2.1.4.31.3.1.47)	read-only	No	Not supported

39.4.8 ipAddressPrefixTable

OID of this table is: 1.3.6.1.2.1.4.32

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

39.4.9 ipAddressTable

OID of this table is: 1.3.6.1.2.1.4.34

Name	Access	PDS	Description
ipAddressAddrType (1.3.6.1.2.1.4.34.1.1)	not-accessible	No	Only support ipv6(2) and ipv6z(4)
ipAddressAddr (1.3.6.1.2.1.4.34.1.2)	not-accessible	No	As per MIB
ipAddressIfIndex (1.3.6.1.2.1.4.34.1.3)	read-create	No	Only support read operation
ipAddressType (1.3.6.1.2.1.4.34.1.4)	read-create	No	Only support read operation
ipAddressPrefix (1.3.6.1.2.1.4.34.1.5)	read-only	No	As per MIB

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ipAddressOrigin (1.3.6.1.2.1.4.34.1.6)	read-only	No	As per MIB
ipAddressStatus (1.3.6.1.2.1.4.34.1.7)	read-create	No	Only support read operation
ipAddressCreated (1.3.6.1.2.1.4.34.1.8)	read-only	No	As per MIB
ipAddressLastChanged (1.3.6.1.2.1.4.34.1.9)	read-only	No	As per MIB
ipAddressRowStatus (1.3.6.1.2.1.4.34.1.10)	read-create	No	Only support read operation Only support active(1).
ipAddressStorageType (1.3.6.1.2.1.4.34.1.11)	read-create	No	The value is always volatile(2).

39.4.10 ipNetToPhysicalTable

OID of this table is: 1.3.6.1.2.1.4.35

Name	Access	PDS	Description
ipNetToPhysicalIfIndex (1.3.6.1.2.1.4.35.1.1)	not-accessible	No	As per MIB
ipNetToPhysicalNetAddressType (1.3.6.1.2.1.4.35.1.2)	not-accessible	No	Only support ipv6(2),ipv6z(4)
ipNetToPhysicalNetAddress (1.3.6.1.2.1.4.35.1.3)	not-accessible	No	As per MIB
ipNetToPhysicalPhysAddress (1.3.6.1.2.1.4.35.1.4)	read-create	No	Only support read operation
ipNetToPhysicalLastUpdated (1.3.6.1.2.1.4.35.1.5)	read-only	No	As per MIB
ipNetToPhysicalType (1.3.6.1.2.1.4.35.1.6)	read-create	No	Only support read operation
ipNetToPhysicalState (1.3.6.1.2.1.4.35.1.7)	read-only	No	As per MIB
ipNetToPhysicalRowStatus (1.3.6.1.2.1.4.35.1.8)	read-create	No	Only support read operation

39.4.11 ipDefaultRouterTable

OID of this table is: 1.3.6.1.2.1.4.37

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

39.4.12 ipv6RouterAdvertTable

OID of this table is: 1.3.6.1.2.1.4.39

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

Companion

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

39.5 icmp Group {mib-2.5}

39.5.1 Scalar objects

Name	Access	PDS	Description
icmplnMsgs (1.3.6.1.2.1.5.1)	read-only	No	As per MIB
icmplnErrors (1.3.6.1.2.1.5.2)	read-only	No	As per MIB
icmplnDestUnreachs (1.3.6.1.2.1.5.3)	read-only	No	As per MIB
icmplnTimeExcds (1.3.6.1.2.1.5.4)	read-only	No	As per MIB
icmplnParmProbs (1.3.6.1.2.1.5.5)	read-only	No	As per MIB
icmplnSrcQuenchs (1.3.6.1.2.1.5.6)	read-only	No	As per MIB
icmplnRedirects (1.3.6.1.2.1.5.7)	read-only	No	As per MIB
icmplnEchos (1.3.6.1.2.1.5.8)	read-only	No	As per MIB
icmplnEchoReps (1.3.6.1.2.1.5.9)	read-only	No	As per MIB
icmplnTimestamps (1.3.6.1.2.1.5.10)	read-only	No	As per MIB
icmplnTimestampReps (1.3.6.1.2.1.5.11)	read-only	No	As per MIB
icmplnAddrMasks (1.3.6.1.2.1.5.12)	read-only	No	As per MIB
icmplnAddrMaskReps (1.3.6.1.2.1.5.13)	read-only	No	As per MIB
icmpOutMsgs (1.3.6.1.2.1.5.14)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
icmpOutErrors (1.3.6.1.2.1.5.15)	read-only	No	As per MIB
icmpOutDestUnreachs (1.3.6.1.2.1.5.16)	read-only	No	As per MIB
icmpOutTimeExcds (1.3.6.1.2.1.5.17)	read-only	No	As per MIB
icmpOutParmProbs (1.3.6.1.2.1.5.18)	read-only	No	As per MIB
icmpOutSrcQuenchs (1.3.6.1.2.1.5.19)	read-only	No	Not supported
icmpOutRedirects (1.3.6.1.2.1.5.20)	read-only	No	As per MIB
icmpOutEchos (1.3.6.1.2.1.5.21)	read-only	No	As per MIB
icmpOutEchoReps (1.3.6.1.2.1.5.22)	read-only	No	As per MIB
icmpOutTimestamps (1.3.6.1.2.1.5.23)	read-only	No	Not supported
icmpOutTimestampReps (1.3.6.1.2.1.5.24)	read-only	No	As per MIB
icmpOutAddrMasks (1.3.6.1.2.1.5.25)	read-only	No	Not supported
icmpOutAddrMaskReps (1.3.6.1.2.1.5.26)	read-only	No	As per MIB

39.5.2 icmpStatsTable

OID of this table is: 1.3.6.1.2.1.5.29

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

39.5.3 icmpMsgStatsTable

OID of this table is: 1.3.6.1.2.1.5.30

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

39.6 tcp Group {mib-2.6}

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

39.6.1 Scalar objects

Name	Access	PDS	Description
tcpRtoAlgorithm (1.3.6.1.2.1.6.1)	read-only	No	As per MIB
tcpRtoMin (1.3.6.1.2.1.6.2)	read-only	No	As per MIB
tcpRtoMax (1.3.6.1.2.1.6.3)	read-only	No	As per MIB
tcpMaxConn (1.3.6.1.2.1.6.4)	read-only	No	As per MIB
tcpActiveOpens (1.3.6.1.2.1.6.5)	read-only	No	As per MIB
tcpPassiveOpens (1.3.6.1.2.1.6.6)	read-only	No	As per MIB
tcpAttemptFails (1.3.6.1.2.1.6.7)	read-only	No	As per MIB
tcpEstabResets (1.3.6.1.2.1.6.8)	read-only	No	As per MIB
tcpCurrEstab (1.3.6.1.2.1.6.9)	read-only	No	As per MIB
tcpInSegs (1.3.6.1.2.1.6.10)	read-only	No	As per MIB
tcpOutSegs (1.3.6.1.2.1.6.11)	read-only	No	As per MIB
tcpRetransSegs (1.3.6.1.2.1.6.12)	read-only	No	As per MIB
tcpInErrs (1.3.6.1.2.1.6.14)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
tcpOutRsts (1.3.6.1.2.1.6.15)	read-only	No	As per MIB

39.6.2 tcpConnTable

OID of this table is: 1.3.6.1.2.1.6.13

Name	Access	PDS	Description
tcpConnState (1.3.6.1.2.1.6.13.1.1)	read-write	No	Only support read operation.
tcpConnLocalAddress (1.3.6.1.2.1.6.13.1.2)	read-only	No	As per MIB
tcpConnLocalPort (1.3.6.1.2.1.6.13.1.3)	read-only	No	As per MIB
tcpConnRemAddress (1.3.6.1.2.1.6.13.1.4)	read-only	No	As per MIB
tcpConnRemPort (1.3.6.1.2.1.6.13.1.5)	read-only	No	As per MIB

39.7 udp Group {mib-2.7}

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

39.7.1 Scalar objects

A statistics collection for UDP group.

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

39.7.1 udpTable

OID of this table is: 1.3.6.1.2.1.7.5

Companion

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

39.8 snmp Group {mib-2.11}

Name	Access	PDS	Description
snmplnPkts (1.3.6.1.2.1.11.1)	read-only	No	As per MIB
snmpOutPkts (1.3.6.1.2.1.11.2)	read-only	No	As per MIB
snmplnBadVersions (1.3.6.1.2.1.11.3)	read-only	No	As per MIB
snmplnBadCommunityName s (1.3.6.1.2.1.11.4)	read-only	No	As per MIB
snmplnBadCommunityUses (1.3.6.1.2.1.11.5)	read-only	No	As per MIB
snmplnASNParseErrs (1.3.6.1.2.1.11.6)	read-only	No	As per MIB
snmplnTooBig (1.3.6.1.2.1.11.8)	read-only	No	The value is always 0.
snmplnNoSuchNames (1.3.6.1.2.1.11.9)	read-only	No	The value is always 0.
snmplnBadValues (1.3.6.1.2.1.11.10)	read-only	No	The value is always 0.
snmplnReadOnly (1.3.6.1.2.1.11.11)	read-only	No	The value is always 0.
snmplnGenErrs (1.3.6.1.2.1.11.12)	read-only	No	The value is always 0.
snmplnTotalReqVars (1.3.6.1.2.1.11.13)	read-only	No	As per MIB
snmplnTotalSetVars (1.3.6.1.2.1.11.14)	read-only	No	As per MIB
snmplnGetRequests (1.3.6.1.2.1.11.15)	read-only	No	As per MIB
snmplnGetNexts (1.3.6.1.2.1.11.16)	read-only	No	As per MIB
snmplnSetRequests	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.11.17)			
snmpInGetResponses (1.3.6.1.2.1.11.18)	read-only	No	Not supported
snmpInTraps (1.3.6.1.2.1.11.19)	read-only	No	Not supported
snmpOutTooBig (1.3.6.1.2.1.11.20)	read-only	No	As per MIB
snmpOutNoSuchNames (1.3.6.1.2.1.11.21)	read-only	No	As per MIB
snmpOutBadValues (1.3.6.1.2.1.11.22)	read-only	No	As per MIB
snmpOutGenErrs (1.3.6.1.2.1.11.24)	read-only	No	As per MIB
snmpOutGetRequests (1.3.6.1.2.1.11.25)	read-only	No	As per MIB
snmpOutGetNexts (1.3.6.1.2.1.11.26)	read-only	No	As per MIB
snmpOutSetRequests (1.3.6.1.2.1.11.27)	read-only	No	As per MIB
snmpOutGetResponses (1.3.6.1.2.1.11.28)	read-only	No	As per MIB
snmpOutTraps (1.3.6.1.2.1.11.29)	read-only	No	As per MIB
snmpEnableAuthenTraps (1.3.6.1.2.1.11.30)	read-write	Current	The default value is enabled(1).

40 RIPv2-MIB

40.1 rip2Globals objects

OID of this table is: 1.3.6.1.2.1.23.1

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

40.2 rip2IfStatTable

OID of this table is: 1.3.6.1.2.1.23.2

Name	Access	PDS	Description
rip2IfStatAddress (1.3.6.1.2.1.23.2.1.1)	read-only	Current	As per MIB
rip2IfStatRcvBadPackets (1.3.6.1.2.1.23.2.1.2)	read-only	No	As per MIB
rip2IfStatRcvBadRoutes (1.3.6.1.2.1.23.2.1.3)	read-only	No	As per MIB
rip2IfStatSentUpdates (1.3.6.1.2.1.23.2.1.4)	read-only	No	As per MIB
rip2IfStatStatus (1.3.6.1.2.1.23.2.1.5)	read-create	No	Only support read operation

40.3 rip2IfConfTable

OID of this table is: 1.3.6.1.2.1.23.3

Name	Access	PDS	Description
rip2IfConfAddress (1.3.6.1.2.1.23.3.1.1)	read-only	Current	As per MIB
rip2IfConfDomain (1.3.6.1.2.1.23.3.1.2)	read-create	Current	Only support read operation
rip2IfConfAuthType (1.3.6.1.2.1.23.3.1.3)	read-create	Current	Only support read operation
rip2IfConfAuthKey (1.3.6.1.2.1.23.3.1.4)	read-create	Current	Only support read operation
rip2IfConfSend (1.3.6.1.2.1.23.3.1.5)	read-create	Current	Only support read operation
rip2IfConfReceive (1.3.6.1.2.1.23.3.1.6)	read-create	No	Only support read operation
rip2IfConfDefaultMetric (1.3.6.1.2.1.23.3.1.7)	read-create	Current	Only support read operation
rip2IfConfStatus (1.3.6.1.2.1.23.3.1.8)	read-create	No	Only support read operation
rip2IfConfSrcAddress (1.3.6.1.2.1.23.3.1.9)	read-create	Current	Only support read operation

40.4 rip2PeerTable

OID of this table is: 1.3.6.1.2.1.23.4

Name	Access	PDS	Description
rip2PeerAddress (1.3.6.1.2.1.23.4.1.1)	read-only	No	As per MIB
rip2PeerDomain (1.3.6.1.2.1.23.4.1.2)	read-only	No	As per MIB
rip2PeerLastUpdate (1.3.6.1.2.1.23.4.1.3)	read-only	No	As per MIB
rip2PeerVersion (1.3.6.1.2.1.23.4.1.4)	read-only	No	As per MIB
rip2PeerRcvBadPackets (1.3.6.1.2.1.23.4.1.5)	read-only	No	As per MIB
rip2PeerRcvBadRoutes (1.3.6.1.2.1.23.4.1.6)	read-only	No	As per MIB

41 RMON-MIB

The RMON-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

41.1 etherStatsTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: etherStatsDataSource, etherStatsStatus.

OID of this table is: 1.3.6.1.2.1.16.1.1

Name	Access	PDS	Description
etherStatsIndex (1.3.6.1.2.1.16.1.1.1)	read-only	Current	As per MIB
etherStatsDataSource (1.3.6.1.2.1.16.1.1.1.2)	read-create	Current	As per MIB
etherStatsDropEvents	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.16.1.1.1.3)			
etherStatsOctets (1.3.6.1.2.1.16.1.1.1.4)	read-only	No	As per MIB
etherStatsPkts (1.3.6.1.2.1.16.1.1.1.5)	read-only	No	As per MIB
etherStatsBroadcastPkts (1.3.6.1.2.1.16.1.1.1.6)	read-only	No	As per MIB
etherStatsMulticastPkts (1.3.6.1.2.1.16.1.1.1.7)	read-only	No	As per MIB
etherStatsCRCAlignErrors (1.3.6.1.2.1.16.1.1.1.8)	read-only	No	The packet length can be specified by command: jumboframe enable.
etherStatsUndersizePkts (1.3.6.1.2.1.16.1.1.1.9)	read-only	No	As per MIB
etherStatsOversizePkts (1.3.6.1.2.1.16.1.1.1.10)	read-only	No	The packet length can be specified by command: jumboframe enable.
etherStatsFragments (1.3.6.1.2.1.16.1.1.1.11)	read-only	No	As per MIB
etherStatsJabbers (1.3.6.1.2.1.16.1.1.1.12)	read-only	No	Not supported
etherStatsCollisions (1.3.6.1.2.1.16.1.1.1.13)	read-only	No	As per MIB
etherStatsPkts64Octets (1.3.6.1.2.1.16.1.1.1.14)	read-only	No	The total number of packets received that had length equal to 64 octets.
etherStatsPkts65to127Octets (1.3.6.1.2.1.16.1.1.1.15)	read-only	No	As per MIB
etherStatsPkts128to255Octets (1.3.6.1.2.1.16.1.1.1.16)	read-only	No	As per MIB
etherStatsPkts256to511Octets (1.3.6.1.2.1.16.1.1.1.17)	read-only	No	As per MIB
etherStatsPkts512to1023Octets (1.3.6.1.2.1.16.1.1.1.18)	read-only	No	As per MIB
etherStatsPkts1024to1518Octets (1.3.6.1.2.1.16.1.1.1.19)	read-only	No	As per MIB
etherStatsOwner (1.3.6.1.2.1.16.1.1.1.20)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'. Not support non-printable characters and '?'.

Companion

Name	Access	PDS	Description
etherStatsStatus (1.3.6.1.2.1.16.1.1.1.21)	read-create	Current	As per MIB

41.2 historyControlTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: historyControlDataSource, historyControlStatus.

OID of this table is: 1.3.6.1.2.1.16.2.1

Name	Access	PDS	Description
historyControllIndex (1.3.6.1.2.1.16.2.1.1.1)	read-only	Current	As per MIB
historyControlDataSource (1.3.6.1.2.1.16.2.1.1.2)	read-create	Current	As per MIB
historyControlBucketsRequested (1.3.6.1.2.1.16.2.1.1.3)	read-create	Current	historyControlBucketsRequested only supports 50 buckets at maximum currently, If a value more than 50 is set, the system will return success, but the historyControlBucketGranted will be assigned to 50 as for implementation.
historyControlBucketsGranted (1.3.6.1.2.1.16.2.1.1.4)	read-only	No	As per MIB
historyControllInterval (1.3.6.1.2.1.16.2.1.1.5)	read-create	Current	Range from 5 to 3600.
historyControlOwner (1.3.6.1.2.1.16.2.1.1.6)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'. .
historyControlStatus (1.3.6.1.2.1.16.2.1.1.7)	read-create	Current	As per MIB

41.3 etherHistoryTable

OID of this table is: 1.3.6.1.2.1.16.2.2

Name	Access	PDS	Description
etherHistoryIndex (1.3.6.1.2.1.16.2.2.1.1)	read-only	No	As per MIB
etherHistorySampleIndex	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.16.2.2.1.2)			
etherHistoryIntervalStart (1.3.6.1.2.1.16.2.2.1.3)	read-only	No	As per MIB
etherHistoryDropEvents (1.3.6.1.2.1.16.2.2.1.4)	read-only	No	As per MIB
etherHistoryOctets (1.3.6.1.2.1.16.2.2.1.5)	read-only	No	As per MIB
etherHistoryPkts (1.3.6.1.2.1.16.2.2.1.6)	read-only	No	As per MIB
etherHistoryBroadcastPkts (1.3.6.1.2.1.16.2.2.1.7)	read-only	No	As per MIB
etherHistoryMulticastPkts (1.3.6.1.2.1.16.2.2.1.8)	read-only	No	As per MIB
etherHistoryCRCAAlignErrors (1.3.6.1.2.1.16.2.2.1.9)	read-only	No	The packet length can be specified by command: jumboframe enable.
etherHistoryUndersizePkts (1.3.6.1.2.1.16.2.2.1.10)	read-only	No	As per MIB
etherHistoryOversizePkts (1.3.6.1.2.1.16.2.2.1.11)	read-only	No	The packet length can be specified by command: jumboframe enable.
etherHistoryFragments (1.3.6.1.2.1.16.2.2.1.12)	read-only	No	As per MIB
etherHistoryJabbers (1.3.6.1.2.1.16.2.2.1.13)	read-only	No	Not supported
etherHistoryCollisions (1.3.6.1.2.1.16.2.2.1.14)	read-only	No	As per MIB
etherHistoryUtilization (1.3.6.1.2.1.16.2.2.1.15)	read-only	No	As per MIB

41.4 alarmTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: alarmVariable, alarmStatus.

2) Configuring will be failed, if the length of command string build from current configuration is greater than max length of CLI.

OID of this table is: 1.3.6.1.2.1.16.3.1

Name	Access	PDS	Description
alarmIndex (1.3.6.1.2.1.16.3.1.1.1)	read-only	Current	As per MIB
alarmInterval (1.3.6.1.2.1.16.3.1.1.2)	read-create	Current	Range from 5 to 65535.
alarmVariable (1.3.6.1.2.1.16.3.1.1.3)	read-create	Current	As per MIB
alarmSampleType (1.3.6.1.2.1.16.3.1.1.4)	read-create	Current	As per MIB
alarmValue (1.3.6.1.2.1.16.3.1.1.5)	read-only	No	If out of the positive range of alarmValue, the alarmValue may be a negative.
alarmStartupAlarm (1.3.6.1.2.1.16.3.1.1.6)	read-create	Current	As per MIB
alarmRisingThreshold (1.3.6.1.2.1.16.3.1.1.7)	read-create	Current	As per MIB
alarmFallingThreshold (1.3.6.1.2.1.16.3.1.1.8)	read-create	Current	As per MIB
alarmRisingEventIndex (1.3.6.1.2.1.16.3.1.1.9)	read-create	Current	As per MIB
alarmFallingEventIndex (1.3.6.1.2.1.16.3.1.1.10)	read-create	Current	As per MIB
alarmOwner (1.3.6.1.2.1.16.3.1.1.11)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'.
alarmStatus (1.3.6.1.2.1.16.3.1.1.12)	read-create	Current	As per MIB

41.5 eventTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: eventStatus.

2) Configuring will be failed, if the length of command string build from current configuration is greater than max length of CLI.

OID of this table is: 1.3.6.1.2.1.16.9.1

Companion

Name	Access	PDS	Description
eventIndex (1.3.6.1.2.1.16.9.1.1.1)	read-only	Current	As per MIB
eventDescription (1.3.6.1.2.1.16.9.1.1.2)	read-create	Current	As per MIB
eventType (1.3.6.1.2.1.16.9.1.1.3)	read-create	Current	As per MIB
eventCommunity (1.3.6.1.2.1.16.9.1.1.4)	read-create	Current	Not supported. The value of eventCommunity will be saved but take no effect.
eventLastTimeSent (1.3.6.1.2.1.16.9.1.1.5)	read-only	No	As per MIB
eventOwner (1.3.6.1.2.1.16.9.1.1.6)	read-create	Current	The length of value is from 0 to 127. Not support non-printable characters and '?'. .
eventStatus (1.3.6.1.2.1.16.9.1.1.7)	read-create	Current	As per MIB

41.6 logTable

OID of this table is: 1.3.6.1.2.1.16.9.2

Name	Access	PDS	Description
logEventIndex (1.3.6.1.2.1.16.9.2.1.1)	read-only	No	As per MIB
logIndex (1.3.6.1.2.1.16.9.2.1.2)	read-only	No	As per MIB
logTime (1.3.6.1.2.1.16.9.2.1.3)	read-only	No	As per MIB
logDescription (1.3.6.1.2.1.16.9.2.1.4)	read-only	No	As per MIB

42 RMON2-MIB

The RMON2-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

42.1 usrHistoryControlTable

Note: When creating a new instance of this table, the following objects SHOULD be set simultaneously: usrHistoryControlStatus.OID of this table is: 1.3.6.1.2.1.16.18.1

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

42.2 usrHistoryObjectTable

OID of this table is: 1.3.6.1.2.1.16.18.2

Name	Access	PDS	Description
usrHistoryObjectIndex (1.3.6.1.2.1.16.18.2.1.1)	not-accessible	Current	As per MIB
usrHistoryObjectVariable (1.3.6.1.2.1.16.18.2.1.2)	Read-create	Current	As per MIB
usrHistoryObjectSampleType (1.3.6.1.2.1.16.18.2.1.3)	Read-create	Current	As per MIB

42.3 usrHistoryTable

OID of this table is: 1.3.6.1.2.1.16.18.3

Name	Access	PDS	Description
usrHistorySampleIndex (1.3.6.1.2.1.16.18.3.1.1)	not-accessible	No	As per MIB
usrHistoryIntervalStart (1.3.6.1.2.1.16.18.3.1.2)	read-only	No	As per MIB
usrHistoryIntervalEnd (1.3.6.1.2.1.16.18.3.1.3)	read-only	No	As per MIB
usrHistoryAbsValue (1.3.6.1.2.1.16.18.3.1.4)	read-only	No	As per MIB
usrHistoryValStatus (1.3.6.1.2.1.16.18.3.1.5)	read-only	No	As per MIB

42.4 probeConfigTable

Only objects listed below are supported, others not mentioned are not supported.

OID of this table is: 1.3.6.1.2.1.16.19

Name	Access	PDS	Description
probeCapabilities (1.3.6.1.2.1.16.19.1)	read-only	No	As per MIB
probeSoftwareRev (1.3.6.1.2.1.16.19.2)	read-only	No	As per MIB
probeHardwareRev (1.3.6.1.2.1.16.19.3)	read-only	No	Not supported. The value is always zero-length string.
probeDateTime (1.3.6.1.2.1.16.19.4)	read-only	No	As per MIB
probeResetControl (1.3.6.1.2.1.16.19.5)	read-write	No	Only support read operation.

43 SFLOW-MIB

43.1 Scalar objects

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
sFlowVersion (1.3.6.1.4.1.14706.1.1.1)	read-only	No	As per MIB
sFlowAgentAddressType (1.3.6.1.4.1.14706.1.1.2)	read-only	No	As per MIB
sFlowAgentAddress (1.3.6.1.4.1.14706.1.1.3)	read-only	No	As per MIB

43.2 sFlowRcvrTable

OID of this table is: 1.3.6.1.4.1.14706.1.1.4

Name	Access	PDS	Description
sFlowRcvrIndex (1.3.6.1.4.1.14706.1.1.4.1.1)	not-accessible	Current	Range from 1 to 10.
sFlowRcvrOwner (1.3.6.1.4.1.14706.1.1.4.1.2)	read-write	Current	When claim an sFlowRcvrTable entry, the entity taking control of the sampler must set both the owner and a value for sFlowRcvrTimeout in the same SNMP set request.
sFlowRcvrTimeout (1.3.6.1.4.1.14706.1.1.4.1.3)	read-write	Current	When reading or writing a permanent sFlowRcvrTable entry, the value will be -1.
sFlowRcvrMaximumDatagramSize (1.3.6.1.4.1.14706.1.1.4.1.4)	read-write	Current	Range from 200 to 3000.
sFlowRcvrAddressType (1.3.6.1.4.1.14706.1.1.4.1.5)	read-write	Current	As per MIB
sFlowRcvrAddress (1.3.6.1.4.1.14706.1.1.4.1.6)	read-write	Current	As per MIB
sFlowRcvrPort (1.3.6.1.4.1.14706.1.1.4.1.7)	read-write	Current	As per MIB
sFlowRcvrDatagramVersion (1.3.6.1.4.1.14706.1.1.4.1.8)	read-write	Current	Only support V5.

43.3 sFlowFsTable

OID of this table is: 1.3.6.1.4.1.14706.1.1.5

Name	Access	PDS	Description
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Companion

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

43.4 sFlowCpTable

OID of this table is: 1.3.6.1.4.1.14706.1.1.6

Name	Access	PDS	Description
sFlowCpDataSource (1.3.6.1.4.1.14706.1.1.6.1.1)	not-accessible	Current	As per MIB
sFlowCpInstance (1.3.6.1.4.1.14706.1.1.6.1.2)	not-accessible	Current	When setting the sFlowCpTable, this value must be 1. Only one instance is supported for one datasource on device.
sFlowCpReceiver (1.3.6.1.4.1.14706.1.1.6.1.3)	read- write	Current	The range depends on sFlowRcvrTable. When the receiver expires, the value is not changed.
sFlowCpInterval (1.3.6.1.4.1.14706.1.1.6.1.4)	read- write	Current	Range from 2 to 86400. A sampling interval of 0 disables counter sampling.

44 SNMP-FRAMEWORK-MIB

44.1 Snmp Framework AdminSnmp Engine Group

Name	Access	PDS	Description
snmpEngineID (1.3.6.1.6.3.10.2.1.1)	read-only	Current	As per MIB
snmpEngineBoots (1.3.6.1.6.3.10.2.1.2)	read-only	Yes	See the algorithm of snmpEngineBoots below
snmpEngineTime (1.3.6.1.6.3.10.2.1.3)	read-only	No	As per MIB
snmpEngineMaxMessageSize (1.3.6.1.6.3.10.2.1.4)	read-only	Current	As per MIB

44.2 The allocation algorithm of snmpEngineID

The snmpEngineID has a length of 16 octets:

The first four octets are set to the binary equivalent of the agent's SNMP management private enterprise number as assigned by the Internet Assigned Numbers Authority (IANA), and the very first bit is set to 1. For example, if Hewlett Packard Enterprise Networks has been assigned enterprises 25506, the first four octets would be assigned '800063A2'H.

For routers, the remaining eight octets are random octets.

For switches, the fifth octet is 8 indicates that the following is enterprise-specified. The following six octets are the MAC address. The remaining four octets are the MDC number.

44.3 The algorithm of snmpEngineBoots

If SNMP becomes enabled from disabled, then the snmpEngineBoots increments 1.

If the snmpEngineID has been configured and its value differs from the former

one, then the snmpEngineBoots is reverted to 1.

If the snmpEngineTime reaches its maximum value then the snmpEngineBoots increments 1.

45 SNMP-MPD-MIB

45.1 SnmpMPDStats

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

46 SNMP-NOTIFICATION-MIB

46.1 snmpNotifyTable

OID of this table is: 1.3.6.1.6.3.13.1.1

Name	Access	PDS	Description
snmpNotifyName (1.3.6.1.6.3.13.1.1.1.1)	not-accessible	No	As per MIB
snmpNotifyTag (1.3.6.1.6.3.13.1.1.1.2)	read-create	Current	As per MIB
snmpNotifyType (1.3.6.1.6.3.13.1.1.1.3)	read-create	Current	As per MIB
snmpNotifyStorageType (1.3.6.1.6.3.13.1.1.1.4)	read-create	Current	As per MIB
snmpNotifyRowStatus (1.3.6.1.6.3.13.1.1.1.5)	read-create	Current	As per MIB

46.2 snmpNotifyFilterProfileTable

OID of this table is: 1.3.6.1.6.3.13.1.2

Name	Access	PDS	Description
snmpNotifyFilterProfileName (1.3.6.1.6.3.13.1.2.1.1)	read-create	No	As per MIB
snmpNotifyFilterProfileStorageType (1.3.6.1.6.3.13.1.2.1.2)	read-create	No	As per MIB
snmpNotifyFilterProfileRowStatus (1.3.6.1.6.3.13.1.2.1.3)	read-create	No	As per MIB

46.3 snmpNotifyFilterTable

OID of this table is: 1.3.6.1.6.3.13.1.3

Name	Access	PDS	Description
snmpNotifyFilterSubtree (1.3.6.1.6.3.13.1.3.1.1)	not-accessible	No	As per MIB
snmpNotifyFilterMask (1.3.6.1.6.3.13.1.3.1.2)	read-create	No	As per MIB
snmpNotifyFilterType (1.3.6.1.6.3.13.1.3.1.3)	read-create	No	As per MIB
snmpNotifyFilterStorageType (1.3.6.1.6.3.13.1.3.1.4)	read-create	No	As per MIB
snmpNotifyFilterRowStatus (1.3.6.1.6.3.13.1.3.1.5)	read-create	No	As per MIB

47 SNMP-TARGET-MIB

snmpTargetAddrTable and snmpTargetParamsTable combined are used to create a valid target host row in device. The command line corresponding to this entry can be displayed as "snmp-agent target-host trap address udp-domain ...". There are some rules need conformed with.

For a valid target host entry which is made up of one entry in snmpTargetAddrTable and another entry in snmpTargetParamsTable:

- 1) The value of snmpTargetAddrName is the same as the value of snmpTargetAddrParams.
- 2) The value of snmpTargetAddrParams is the same as the value of snmpTargetParamsName.
- 3) The value format of snmpTargetAddrName is something like “traphost.” + snmpTargetParamsSecurityName + IpAddress+ VPN Instance name. The IpAddress is the ip address part of snmpTargetAddrTAddress. If not support VPN, VPN Instance name does not need to be configured.
- 4) The value of snmpTargetAddrTagList must be octet string “TrapHost”.
- 5) For IPV4, the value of snmpTargetAddrTDomain must be snmpUDPDomain.
- 6) The value of snmpTargetAddrStorageType should be nonVolatile.
- 7) The length of snmpTargetParamsSecurityName in snmpTargetAddrParams restricted in 1 to 32 octets.
- 8) The length of VPN Instance name in snmpTargetAddrParams restricted in 1 to 31 octets.

47.1 Scalar objects of snmpTargetObjects group

OID of this table is: 1.3.6.1.6.3.12.1

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

47.2 snmpTargetAddrTable

OID of this table is: 1.3.6.1.6.3.12.1.2

Name	Access	PDS	Description
snmpTargetAddrName (1.3.6.1.6.3.12.1.2.1.1)	not-accessible	Current	The length of snmpTargetAddrName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetAddrTDomain (1.3.6.1.6.3.12.1.2.1.2)	read-create	Current	This object should be snmpUDPDomain
snmpTargetAddrTAddress (1.3.6.1.6.3.12.1.2.1.3)	read-create	Current	The IpAddress should be the ip address part of snmpTargetAddrTAddress
snmpTargetAddrTimeout (1.3.6.1.6.3.12.1.2.1.4)	read-create	No	As per MIB
snmpTargetAddrRetryCount (1.3.6.1.6.3.12.1.2.1.5)	read-create	No	As per MIB
snmpTargetAddrTagList (1.3.6.1.6.3.12.1.2.1.6)	read-create	Current	The ASCII value of the characters of this object should be from 33 to 126 except 63('?). The target host is valid only when the value of this object is "TrapHost" or "InformHost",
snmpTargetAddrParams (1.3.6.1.6.3.12.1.2.1.7)	read-create	Current	The length of snmpTargetAddrParams is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetAddrStorageType (1.3.6.1.6.3.12.1.2.1.8)	read-create	Current	The conceptual row can be created, modified and deleted. It can be modified to other values, but only 'nonVolatile' is valid.
snmpTargetAddrRowStatus (1.3.6.1.6.3.12.1.2.1.9)	read-create	Current	As per MIB

47.3 snmpTargetParamsTable

OID of this table is: 1.3.6.1.6.3.12.1.3

Name	Access	PDS	Description
snmpTargetParamsName (1.3.6.1.6.3.12.1.3.1.1)	not-accessible	Current	The length of snmpTargetParamsName is from 1 to 255. The ASCII value of the characters of this object should be from 33 to 126 except 63('?).
snmpTargetParamsMPModel (1.3.6.1.6.3.12.1.3.1.2)	read-create	Current	As per MIB
snmpTargetParamsSecurityModel (1.3.6.1.6.3.12.1.3.1.3)	read-create	Current	As per MIB
snmpTargetParamsSecurityName (1.3.6.1.6.3.12.1.3.1.4)	read-create	Current	As per MIB
snmpTargetParamsSecurityLevel (1.3.6.1.6.3.12.1.3.1.5)	read-create	Current	As per MIB
snmpTargetParamsStorageType (1.3.6.1.6.3.12.1.3.1.6)	read-create	Current	The conceptual row can be created, modified and deleted. It can be modified to other values, but only 'nonVolatile' is valid.
snmpTargetParamsRowStatus (1.3.6.1.6.3.12.1.3.1.7)	read-create	Current	As per MIB

(1)The following is an example:

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

1: snmpTargetSpinLock.0 (integer) 13736

2: [Loaded: SNMPv2-TM]

snmpTargetAddrTDomain.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (object identifier) snmpUDPDomain

3:

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

4:

snmpTargetAddrTimeout.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1500

5:

Companion

snmpTargetAddrRetryCount.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 3

6:

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

7:

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

8:

snmpTargetAddrStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)

9:

snmpTargetAddrRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

10:

snmpTargetParamsMPModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 0

11:

snmpTargetParamsSecurityModel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) 1

12:

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

13:

snmpTargetParamsSecurityLevel.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) noAuthNoPriv(1)

14:

snmpTargetParamsStorageType.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) nonVolatile(3)

15:

snmpTargetParamsRowStatus.116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54 (integer) active(1)

16: snmpUnavailableContexts.0 (counter) 0

17: snmpUnknownContexts.0 (counter) 0

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

Above is a retrieve for SNMP TARGET entry.

Here the index of this entry is

116.114.97.112.104.111.115.116.46.103.108.46.49.54.57.46.50.53.52.46.55.54.46.55.54, which is the hex code of string "traphost.gl.169.254.76.76"

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

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

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

48 SNMP-USER-BASED-SM-MIB

48.1 usmStats group

OID of this table is: 1.3.6.1.6.3.15.1.1

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

48.2 Scalar objects of usmUser Group

OID of this table is: 1.3.6.1.6.3.15.1.2

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

48.3 usmUserTable of usmUser Group

OID of this table is: 1.3.6.1.6.3.15.1.2.2

Name	Access	PDS	Description
usmUserEngineID (1.3.6.1.6.3.15.1.2.2.1.1)	not-accessible	No	As per MIB
usmUserName (1.3.6.1.6.3.15.1.2.2.1.2)	not-accessible	Current	The ASCII value of the characters of this object should be from 33 to 126 except 63('?')
usmUserSecurityName (1.3.6.1.6.3.15.1.2.2.1.3)	read-only	Current	As per MIB
usmUserCloneFrom (1.3.6.1.6.3.15.1.2.2.1.4)	read-create	No	When creating a new user, this object must be specified. When this object is read, the ZeroDotZero OID is returned For this object of a user who is created by command line, set operations are successful but invoke no action to be taken.
usmUserAuthProtocol (1.3.6.1.6.3.15.1.2.2.1.5)	read-create	Current	As per MIB
usmUserAuthKeyChange (1.3.6.1.6.3.15.1.2.2.1.6)	read-create	No	When this object is read, the zero-length(empty) string is returned
usmUserOwnAuthKeyChange (1.3.6.1.6.3.15.1.2.2.1.7)	read-create	No	When this object is read, the zero-length(empty) string is returned
usmUserPrivProtocol (1.3.6.1.6.3.15.1.2.2.1.8)	read-create	Current	As per MIB
usmUserPrivKeyChange (1.3.6.1.6.3.15.1.2.2.1.9)	read-create	No	When this object is read, the zero-length(empty) string is returned
usmUserOwnPrivKeyChange (1.3.6.1.6.3.15.1.2.2.1.10)	read-create	No	When this object is read, the zero-length(empty) string is returned
usmUserPublic	read-create	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.6.3.15.1.2.2.1.11)			
usmUserStorageType (1.3.6.1.6.3.15.1.2.2.1.12)	read-create	No	Only support nonVolatile(3)
usmUserStatus (1.3.6.1.6.3.15.1.2.2.1.13)	read-create	No	As per MIB

49 SNMP-VIEW-BASED-ACM-MIB

49.1 vacmContextTable

OID of this table is: 1.3.6.1.6.3.16.1.1

Name	Access	PDS	Description
vacmContextName (1.3.6.1.6.3.16.1.1.1.1)	read-only	No	As per MIB

49.2 vacmSecurityToGroupTable

OID of this table is: 1.3.6.1.6.3.16.1.2

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

49.3 vacmAccessTable

OID of this table is: 1.3.6.1.6.3.16.1.4

Name	Access	PDS	Description
vacmAccessContextPrefix (1.3.6.1.6.3.16.1.4.1.1)	not-accessible	No	One of the indexes of vacmAccessTable. The value ,must be assigned to "-". Otherwise the index is invalid
vacmAccessSecurityModel (1.3.6.1.6.3.16.1.4.1.2)	not-accessible	Current	As per MIB
vacmAccessSecurityLevel (1.3.6.1.6.3.16.1.4.1.3)	not-accessible	Current	As per MIB
vacmAccessContextMatch (1.3.6.1.6.3.16.1.4.1.4)	read-create	No	The default value is exact(1)
vacmAccessReadViewName (1.3.6.1.6.3.16.1.4.1.5)	read-create	Current	The length of value is range from 0 to 32 The ASCII value of the characters of this object should be from 33 to 126 except 63('?')
vacmAccessWriteViewName (1.3.6.1.6.3.16.1.4.1.6)	read-create	Current	The length of value is range from 0 to 32 The ASCII value of the characters of this object should be from 33 to 126 except 63('?')
vacmAccessNotifyViewName (1.3.6.1.6.3.16.1.4.1.7)	read-create	Current	The length of value is range from 0 to 32 The ASCII value of the characters of this object should be from 33 to 126 except 63('?')
vacmAccessStorageType (1.3.6.1.6.3.16.1.4.1.8)	read-create	No	Only support nonVolatile(3)
vacmAccessStatus (1.3.6.1.6.3.16.1.4.1.9)	read-create	No	As per MIB

49.4 Scalar objects of vacmMIBViews group

OID of this table is: 1.3.6.1.6.3.16.1.5

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

49.5 vacmViewTreeFamilyTable of vacmMIBViews group

OID of this table is: 1.3.6.1.6.3.16.1.5.2

Name	Access	PDS	Description
vacmViewTreeFamilyViewName (1.3.6.1.6.3.16.1.5.2.1.1)	not-accessible	Current	The ASCII value of the characters of this object should be from 33 to 126 except 63('?')
vacmViewTreeFamilySubtree (1.3.6.1.6.3.16.1.5.2.1.2)	not-accessible	Current	As per MIB
vacmViewTreeFamilyMask (1.3.6.1.6.3.16.1.5.2.1.3)	read-create	Current	The default value is empty string
vacmViewTreeFamilyType (1.3.6.1.6.3.16.1.5.2.1.4)	read-create	Current	The default value is included(1)
vacmViewTreeFamilyStorageType (1.3.6.1.6.3.16.1.5.2.1.5)	read-create	No	Only support nonVolatile(3)
vacmViewTreeFamilyStatus (1.3.6.1.6.3.16.1.5.2.1.6)	read-create	No	As per MIB

50 SNMPv2-MIB

50.1 Scalar objects

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

Companion

Name	Access	PDS	Description
(1.3.6.1.6.3.1.1.4.3)	or-notify		
snmpSetSerialNo (1.3.6.1.6.3.1.1.6.1)	read-write	No	As per MIB

50.2 snmp Group{mib-2.11}

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

51 T11-FC-NAME-SERVER-MIB

A switch operating in NPV mode does not support this MIB.

51.1 t11NsInfoSubsetTable

OID of this table is: 1.3.6.1.2.1.135.1.1.1

Name	Access	PDS	Description
t11NsInfoSubsetIndex (1.3.6.1.2.1.135.1.1.1.1)	not-accessible	NO	As per MIB
t11NsInfoSubsetSwitchIndex (1.3.6.1.2.1.135.1.1.1.2)	read-only	NO	As per MIB
t11NsInfoSubsetTableLastChange (1.3.6.1.2.1.135.1.1.1.3)	read-only	NO	As per MIB
t11NsInfoSubsetNumRows (1.3.6.1.2.1.135.1.1.1.4)	read-only	NO	As per MIB
t11NsInfoSubsetTotalRejects (1.3.6.1.2.1.135.1.1.1.5)	read-only	NO	As per MIB
t11NsInfoSubsetRejReqNotifyEnable (1.3.6.1.2.1.135.1.1.1.6)	read-write	Current	Only support false(2)

51.2 t11NsRegTable

OID of this table is: 1.3.6.1.2.1.135.1.1.2

Name	Access	PDS	Description
t11NsRegFabricIndex (1.3.6.1.2.1.135.1.1.2.1.1)	not-accessible	Current	As per MIB
t11NsRegPortIdentifier (1.3.6.1.2.1.135.1.1.2.1.2)	not-accessible	NO	As per MIB
t11NsRegPortName (1.3.6.1.2.1.135.1.1.2.1.3)	read-only	NO	As per MIB
t11NsRegNodeName (1.3.6.1.2.1.135.1.1.2.1.4)	read-only	NO	As per MIB
t11NsRegClassOfSvc (1.3.6.1.2.1.135.1.1.2.1.5)	read-only	NO	As per MIB
t11NsRegNodeIpAddress (1.3.6.1.2.1.135.1.1.2.1.6)	read-only	NO	Obsoleted in the FC-GS-6(09-153v1)
t11NsRegProcAssoc (1.3.6.1.2.1.135.1.1.2.1.7)	read-only	NO	As per MIB. Obsoleted in the FC-GS-6(09-153v1)
t11NsRegFc4Type (1.3.6.1.2.1.135.1.1.2.1.8)	read-only	NO	As per MIB
t11NsRegPortType (1.3.6.1.2.1.135.1.1.2.1.9)	read-only	NO	As per MIB
t11NsRegPortIpAddress (1.3.6.1.2.1.135.1.1.2.1.10)	read-only	NO	As per MIB. Obsoleted in the FC-GS-6(09-153v1)
t11NsRegFabricPortName (1.3.6.1.2.1.135.1.1.2.1.11)	read-only	NO	As per MIB
t11NsRegHardAddress (1.3.6.1.2.1.135.1.1.2.1.12)	read-only	NO	As per MIB
t11NsRegSymbolicPortName (1.3.6.1.2.1.135.1.1.2.1.13)	read-only	NO	As per MIB
t11NsRegSymbolicNodeName (1.3.6.1.2.1.135.1.1.2.1.14)	read-only	NO	As per MIB
t11NsRegFc4Features (1.3.6.1.2.1.135.1.1.2.1.15)	read-only	NO	As per MIB

51.3 t11NsRejectTable

OID of this table is: 1.3.6.1.2.1.135.1.1.4

Companion

Name	Access	PDS	Description
t11NsRejectCtCommandString (1.3.6.1.2.1.135.1.1.4.1.1)	read-only	No	As per MIB
t11NsRejectReasonCode (1.3.6.1.2.1.135.1.1.4.1.2)	read-only	No	As per MIB
t11NsRejReasonCodeExp (1.3.6.1.2.1.135.1.1.4.1.3)	read-only	No	As per MIB
t11NsRejReasonVendorCode (1.3.6.1.2.1.135.1.1.4.1.4)	read-only	No	As per MIB

51.4 t11NsStatsTable

OID of this table is: 1.3.6.1.2.1.135.1.2.1

Name	Access	PDS	Description
t11NsInGetReqs (1.3.6.1.2.1.135.1.2.1.1.1)	read-only	No	As per MIB
t11NsOutGetReqs (1.3.6.1.2.1.135.1.2.1.1.2)	read-only	No	As per MIB
t11NsInRegReqs (1.3.6.1.2.1.135.1.2.1.1.3)	read-only	No	As per MIB
t11NsInDeRegReqs (1.3.6.1.2.1.135.1.2.1.1.4)	read-only	No	As per MIB
t11NsInRscns (1.3.6.1.2.1.135.1.2.1.1.5)	read-only	No	As per MIB
t11NsOutRscns (1.3.6.1.2.1.135.1.2.1.1.6)	read-only	No	As per MIB
t11NsRejects (1.3.6.1.2.1.135.1.2.1.1.7)	read-only	No	As per MIB
t11NsDatabaseFull (1.3.6.1.2.1.135.1.2.1.1.8)	read-only	No	As per MIB

51.5 t11NsRegFc4DescriptorTable

OID of this table is: 1.3.6.1.2.1.135.1.1.3

Name	Access	PDS	Description
t11NsRegFc4TypeValue (1.3.6.1.2.1.135.1.1.3.1.1)	not-accessible	NO	As per MIB
t11NsRegFc4Descriptor (1.3.6.1.2.1.135.1.1.3.1.2)	read-only	NO	As per MIB

52 T11-FC-ROUTE-MIB

A switch operating in NPV mode does not support this MIB.

52.1 t11FcRouteFabricTable

OID of this table is: 1.3.6.1.2.1.144.1.1

Name	Access	PDS	Description
t11FcRouteFabricIndex (1.3.6.1.2.1.144.1.1.1.1)	not-accessible	Current	As per MIB
t11FcRouteFabricLastChange (1.3.6.1.2.1.144.1.1.1.2)	read-only	No	As per MIB

52.2 t11FcRouteTable

OID of this table is: 1.3.6.1.2.1.144.1.2

Name	Access	PDS	Description
t11FcRouteDestAddrId (1.3.6.1.2.1.144.1.2.1.1)	not-accessible	Current	As per MIB
t11FcRouteDestMask (1.3.6.1.2.1.144.1.2.1.2)	not-accessible	Current	As per MIB
t11FcRouteSrcAddrId (1.3.6.1.2.1.144.1.2.1.3)	not-accessible	Current	As per MIB
t11FcRouteSrcMask (1.3.6.1.2.1.144.1.2.1.4)	not-accessible	Current	As per MIB
t11FcRouteInInterface (1.3.6.1.2.1.144.1.2.1.5)	not-accessible	Current	As per MIB
t11FcRouteProto (1.3.6.1.2.1.144.1.2.1.6)	not-accessible	Current	As per MIB
t11FcRouteOutInterface (1.3.6.1.2.1.144.1.2.1.7)	not-accessible	Current	As per MIB
t11FcRouteDomainId (1.3.6.1.2.1.144.1.2.1.8)	read-create	No	Only support read
t11FcRouteMetric (1.3.6.1.2.1.144.1.2.1.9)	read-create	No	Only support read

Companion

Name	Access	PDS	Description
t11FcRouteType (1.3.6.1.2.1.144.1.2.1.10)	read-create	No	Only support read
t11FcRouteIfDown (1.3.6.1.2.1.144.1.2.1.11)	read-create	No	Only support read
t11FcRouteStorageType (1.3.6.1.2.1.144.1.2.1.12)	read-create	No	The value is always Volatile (2), Only support read.
t11FcRouteRowStatus (1.3.6.1.2.1.144.1.2.1.13)	read-create	No	Only support read

53 T11-FC-VIRTUAL-FABRIC-MIB

53.1 t11vfPortTable

OID of this table is: 1.3.6.1.2.1.147.1.3

Name	Access	PDS	Description
t11vfPortVfId (1.3.6.1.2.1.147.1.3.1.1)	read-write	Current	VFC port only support read operation.
t11vfPortTaggingAdminStatus (1.3.6.1.2.1.147.1.3.1.2)	read-write	Current	VFC port only support read operation, and the value of VFC port is always on(2).
t11vfPortTaggingOperStatus (1.3.6.1.2.1.147.1.3.1.3)	read-only	No	The value of VFC port is always on(2).
t11vfPortStorageType (1.3.6.1.2.1.147.1.3.1.4)	read- write	No	The value is always Volatile(2), and VFC port only support read operation.

53.2 t11vfLocallyEnabledTable

OID of this table is: 1.3.6.1.2.1.147.1.4

Name	Access	PDS	Description
t11vfLocallyEnabledPortIfIndex (1.3.6.1.2.1.147.1.4.1.1)	not-accessible	No	As per MIB
t11vfLocallyEnabledVfId (1.3.6.1.2.1.147.1.4.1.2)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
t11vfLocallyEnabledOperStatus (1.3.6.1.2.1.147.1.4.1.3)	read-only	No	As per MIB
t11vfLocallyEnabledRowStatus (1.3.6.1.2.1.147.1.4.1.4)	read-create	Current	As per MIB
t11vfLocallyEnabledStorageType (1.3.6.1.2.1.147.1.4.1.5)	read-create	No	The value is always Volatile (2)

53.3 t11vfCoreSwitchTable

OID of this table is: 1.3.6.1.2.1.147.1.1

Name	Access	PDS	Description
t11vfCoreSwitchSwitchName (1.3.6.1.2.1.147.1.1.1.1)	not-accessible	No	As per MIB
t11vfCoreSwitchMaxSupported (1.3.6.1.2.1.147.1.1.1.2)	read-write	No	Only support read operation.
t11vfCoreSwitchStorageType (1.3.6.1.2.1.147.1.1.1.3)	read-write	No	The value is always readOnly(5) , and only support read operation.

54 T11-FC-ZONE-SERVER-MIB

A switch operating in NPV mode does not support this MIB.

54.1 t11ZsActiveTable

OID of this table is: 1.3.6.1.2.1.160.1.1.10

Name	Access	PDS	Description
t11ZsActiveZoneSetName (1.3.6.1.2.1.160.1.1.10.1.1)	read-only	Yes	As per MIB
t11ZsActiveActivateTime (1.3.6.1.2.1.160.1.1.10.1.2)	read-only	No	As per MIB

54.2 t11ZsActiveZoneTable

OID of this table is: 1.3.6.1.2.1.160.1.1.11

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
t11ZsActiveZoneIndex (1.3.6.1.2.1.160.1.1.11.1.1)	not-accessible	Yes	As per MIB
t11ZsActiveZoneName (1.3.6.1.2.1.160.1.1.11.1.2)	read-only	Yes	As per MIB
t11ZsActiveZoneBroadcastZoning (1.3.6.1.2.1.160.1.1.11.1.3)	read-only	Yes	The value is always false(2)
t11ZsActiveZoneHardZoning (1.3.6.1.2.1.160.1.1.11.1.4)	read-only	Yes	The value is always true(1)

54.3 t11ZsActiveZoneMemberTable

OID of this table is: 1.3.6.1.2.1.160.1.1.12

Name	Access	PDS	Description
t11ZsActiveZoneMemberIndex (1.3.6.1.2.1.160.1.1.12.1.1)	not-accessible	Yes	As per MIB
t11ZsActiveZoneMemberFormat (1.3.6.1.2.1.160.1.1.12.1.2)	read-only	Yes	Only support N_Port_Name(1), N_Port_ID(2), F_Port_Name(6)
t11ZsActiveZoneMemberID (1.3.6.1.2.1.160.1.1.12.1.3)	read-only	Yes	As per MIB

55 TCP-MIB

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

TCP Group{mib-2.6}

55.1 Scalar objects

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

Companion

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

55.2 tcpConnTable

OID of this table is: 1.3.6.1.2.1.6.13

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

55.3 tcpConnectionTable

OID of this table is: 1.3.6.1.2.1.6.19

Name	Access	PDS	Description
tcpConnectionLocalAddressType (1.3.6.1.2.1.6.19.1.1)	not-accessible	No	Only support ipv4(1) and ipv6 (2)

Companion

Name	Access	PDS	Description
tcpConnectionLocalAddress (1.3.6.1.2.1.6.19.1.2)	not-accessible	No	As per MIB
tcpConnectionLocalPort (1.3.6.1.2.1.6.19.1.3)	not-accessible	No	As per MIB
tcpConnectionRemAddressType (1.3.6.1.2.1.6.19.1.4)	not-accessible	No	Only support ipv4(1) and ipv6 (2)
tcpConnectionRemAddress (1.3.6.1.2.1.6.19.1.5)	not-accessible	No	As per MIB
tcpConnectionRemPort (1.3.6.1.2.1.6.19.1.6)	not-accessible	No	As per MIB
tcpConnectionState (1.3.6.1.2.1.6.19.1.7)	read-write	No	Only support read operation
tcpConnectionProcess (1.3.6.1.2.1.6.19.1.8)	read-only	No	As per MIB

55.4 tcpListenerTable

OID of this table is: 1.3.6.1.2.1.6.20

Name	Access	PDS	Description
tcpListenerLocalAddressType (1.3.6.1.2.1.6.20.1.1)	not-accessible	No	Only support ipv4(1) and ipv6 (2)
tcpListenerLocalAddress (1.3.6.1.2.1.6.20.1.2)	not-accessible	No	As per MIB
tcpListenerLocalPort (1.3.6.1.2.1.6.20.1.3)	not-accessible	No	As per MIB
tcpListenerProcess (1.3.6.1.2.1.6.20.1.4)	read-only	No	As per MIB

56 UDP-MIB

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

UDP Group{mib-2.7}

56.1 Scalar objects

A statistics collection for UDP group.

Companion

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

56.2 udpTable

OID of this table is: 1.3.6.1.2.1.7.5

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

56.3 udpEndpointTable

OID of this table is: 1.3.6.1.2.1.7.7

Name	Access	PDS	Description
udpEndpointLocalAddressType (1.3.6.1.2.1.7.7.1.1)	not-accessible	No	Only support ipv4(1) and ipv6 (2)
udpEndpointLocalAddress (1.3.6.1.2.1.7.7.1.2)	not-accessible	No	As per MIB
udpEndpointLocalPort (1.3.6.1.2.1.7.7.1.3)	not-accessible	No	As per MIB
udpEndpointRemoteAddressType (1.3.6.1.2.1.7.7.1.4)	not-accessible	No	Only support ipv4(1) and ipv6 (2)
udpEndpointRemoteAddress (1.3.6.1.2.1.7.7.1.5)	not-accessible	No	As per MIB
udpEndpointRemotePort (1.3.6.1.2.1.7.7.1.6)	not-accessible	No	As per MIB
udpEndpointInstance (1.3.6.1.2.1.7.7.1.7)	not-accessible	No	As per MIB
udpEndpointProcess (1.3.6.1.2.1.7.7.1.8)	read-only	No	As per MIB

57 VRRP-MIB

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

57.1 Scalar objects of vrrpOperations group

OID of this table is: 1.3.6.1.2.1.68.1

Name	Access	PDS	Description
vrrpNodeVersion (1.3.6.1.2.1.68.1.1)	read-only	No	As per MIB
vrrpNotificationCntl (1.3.6.1.2.1.68.1.2)	read-write	No	As per MIB
vrrpTrapPacketSrc (1.3.6.1.2.1.68.1.5)	accessible-f or-notify	No	As per MIB
vrrpTrapAuthErrorType (1.3.6.1.2.1.68.1.6)	accessible-f or-notify	No	As per MIB

57.2 vrrpOperTable

OID of this table is: 1.3.6.1.2.1.68.1.3

Name	Access	PDS	Description
vrrpOperVrld (1.3.6.1.2.1.68.1.3.1.1)	not-accessib le	Current	As per MIB
vrrpOperVirtualMacAddr (1.3.6.1.2.1.68.1.3.1.2)	read-only	No	As per MIB
vrrpOperState (1.3.6.1.2.1.68.1.3.1.3)	read-only	No	As per MIB
vrrpOperAdminState (1.3.6.1.2.1.68.1.3.1.4)	read-create	No	As per MIB
vrrpOperPriority (1.3.6.1.2.1.68.1.3.1.5)	read-create	Current	As per MIB
vrrpOperIpAddrCount (1.3.6.1.2.1.68.1.3.1.6)	read-only	No	As per MIB
vrrpOperMasterIpAddr (1.3.6.1.2.1.68.1.3.1.7)	read-only	Current	As per MIB
vrrpOperPrimaryIpAddr (1.3.6.1.2.1.68.1.3.1.8)	read-create	Current	Only support read operation.
vrrpOperAuthType	read-create	Current	Not supported.

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.68.1.3.1.9)			
vrrpOperAuthKey (1.3.6.1.2.1.68.1.3.1.10)	read-create	Current	Not supported.
vrrpOperAdvertisementInterval (1.3.6.1.2.1.68.1.3.1.11)	read-create	Current	Range from 1 to 41.
vrrpOperPreemptMode (1.3.6.1.2.1.68.1.3.1.12)	read-create	Current	As per MIB
vrrpOperVirtualRouterUpTime (1.3.6.1.2.1.68.1.3.1.13)	read-only	No	As per MIB
vrrpOperProtocol (1.3.6.1.2.1.68.1.3.1.14)	read-create	Current	The value is always ip(1).
vrrpOperRowStatus (1.3.6.1.2.1.68.1.3.1.15)	read-create	No	As per MIB

57.3 vrrpAssolpAddrTable

OID of this table is: 1.3.6.1.2.1.68.1.4

Name	Access	PDS	Description
vrrpAssolpAddr (1.3.6.1.2.1.68.1.4.1.1)	not-accessible	No	As per MIB
vrrpAssolpAddrRowStatus (1.3.6.1.2.1.68.1.4.1.2)	read-create	No	Only support active(1), createAndgo(4) and destroy(6)

57.4 Scalar objects

OID of this table is: 1.3.6.1.2.1.68.2

Name	Access	PDS	Description
vrrpRouterChecksumErrors (1.3.6.1.2.1.68.2.1)	read-only	No	As per MIB
vrrpRouterVersionErrors (1.3.6.1.2.1.68.2.2)	read-only	No	As per MIB
vrrpRouterVrldErrors (1.3.6.1.2.1.68.2.3)	read-only	No	As per MIB

57.5 vrrpRouterStatsTable

OID of this table is: 1.3.6.1.2.1.68.2.4

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

Companion

Name	Access	PDS	Description
(1.3.6.1.2.1.68.2.4.1.1)			
vrrpStatsAdvertiseRcvd (1.3.6.1.2.1.68.2.4.1.2)	read-only	No	As per MIB
vrrpStatsAdvertiseIntervalErr ors (1.3.6.1.2.1.68.2.4.1.3)	read-only	No	As per MIB
vrrpStatsAuthFailures (1.3.6.1.2.1.68.2.4.1.4)	read-only	No	As per MIB
vrrpStatsIpTtlErrors (1.3.6.1.2.1.68.2.4.1.5)	read-only	No	As per MIB
vrrpStatsPriorityZeroPktsRcv d (1.3.6.1.2.1.68.2.4.1.6)	read-only	No	As per MIB
vrrpStatsPriorityZeroPktsSent (1.3.6.1.2.1.68.2.4.1.7)	read-only	No	As per MIB
vrrpStatsInvalidTypePktsRcv d (1.3.6.1.2.1.68.2.4.1.8)	read-only	No	As per MIB
vrrpStatsAddressListErrors (1.3.6.1.2.1.68.2.4.1.9)	read-only	No	As per MIB
vrrpStatsInvalidAuthType (1.3.6.1.2.1.68.2.4.1.10)	read-only	No	As per MIB
vrrpStatsAuthTypeMismatch (1.3.6.1.2.1.68.2.4.1.11)	read-only	No	As per MIB
vrrpStatsPacketLengthErrors (1.3.6.1.2.1.68.2.4.1.12)	read-only	No	As per MIB

58 HH3C-ACL-MIB

58.1 hh3cAcI Mib2NodesGroup

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.1

Name	Access	PDS	Description
hh3cAcI Mib2Mode (1.3.6.1.4.1.25506.2.8.2.1.1.1)	read-write	No	Not supported
hh3cAcI Mib2Version (1.3.6.1.4.1.25506.2.8.2.1.1.2)	read-only	No	Not supported
hh3cAcI Mib2ObjectsCapabiliti es	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.8.2.1.1.3)			
hh3cAcI Mib2ProcessingStatus (1.3.6.1.4.1.25506.2.8.2.1.1.4)	read-only	No	As per MIB

58.2 hh3cAcI Mib2CapabilityTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.2

Name	Access	PDS	Description
hh3cAcI Mib2EntityType (1.3.6.1.4.1.25506.2.8.2.1.2.1.1)	not-accessible	No	As per MIB
hh3cAcI Mib2EntityTypeIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.2)	not-accessible	No	As per MIB
hh3cAcI Mib2ModuleIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.3)	not-accessible	No	As per MIB
hh3cAcI Mib2CharacteristicsIndex (1.3.6.1.4.1.25506.2.8.2.1.2.1.4)	not-accessible	No	As per MIB
hh3cAcI Mib2CharacteristicsDesc (1.3.6.1.4.1.25506.2.8.2.1.2.1.5)	read-only	No	As per MIB
hh3cAcI Mib2CharacteristicsValue (1.3.6.1.4.1.25506.2.8.2.1.2.1.6)	read-only	No	As per MIB

58.3 hh3cAcI NumberGroupTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.1.3

Name	Access	PDS	Description
hh3cAcI NumberGroupType	not-accessible	Current	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.8.2.1.3.1.1)	le		
hh3cAcINumberGroupIndex (1.3.6.1.4.1.25506.2.8.2.1.3.1.2)	not-accessible	Current	Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6
hh3cAcINumberGroupRowStatus (1.3.6.1.4.1.25506.2.8.2.1.3.1.3)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcINumberGroupMatchOrder (1.3.6.1.4.1.25506.2.8.2.1.3.1.4)	read-create	Current	As per MIB
hh3cAcINumberGroupStep (1.3.6.1.4.1.25506.2.8.2.1.3.1.5)	read-create	Current	As per MIB
hh3cAcINumberGroupDescription (1.3.6.1.4.1.25506.2.8.2.1.3.1.6)	read-create	Current	As per MIB
hh3cAcINumberGroupCountClear (1.3.6.1.4.1.25506.2.8.2.1.3.1.7)	read-write	No	As per MIB
hh3cAcINumberGroupRuleCounter (1.3.6.1.4.1.25506.2.8.2.1.3.1.8)	read-only	Current	As per MIB
hh3cAcINumberGroupName (1.3.6.1.4.1.25506.2.8.2.1.3.1.9)	read-create	Current	As per MIB

58.4 hh3cAcIIPAcIBasicTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.2.2

Notes:

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

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

The value of hh3cAclIPAcIBasicFragmentFlag is only 0 or 2 now.

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

If destroy operation is executed, hh3cAclIPAcIBasicRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAclIPAcIBasicRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.2.1.1)	not-accessible	Current	As per MIB
hh3cAclIPAcIBasicRowStatus (1.3.6.1.4.1.25506.2.8.2.2.2.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAclIPAcIBasicAct (1.3.6.1.4.1.25506.2.8.2.2.2.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAclIPAcIBasicSrcAddrType (1.3.6.1.4.1.25506.2.8.2.2.2.1.4)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.2.1.5)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cAclIPAcIBasicSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.2.1.6)	read-create	Current	As per MIB
hh3cAclIPAcIBasicSrcAny (1.3.6.1.4.1.25506.2.8.2.2.2.1.7)	read-create	Current	The default value is true(1).
hh3cAclIPAcIBasicSrcWild (1.3.6.1.4.1.25506.2.8.2.2.2.1.8)	read-create	Current	As per MIB
hh3cAclIPAcIBasicTimeRangeName (1.3.6.1.4.1.25506.2.8.2.2.2.1.9)	read-create	Current	As per MIB
hh3cAclIPAcIBasicFragmentFlag (1.3.6.1.4.1.25506.2.8.2.2.2.1.10)	read-create	Current	Support 0 and 2
hh3cAclIPAcIBasicLog (1.3.6.1.4.1.25506.2.8.2.2.2.1.11)	read-create	Current	As per MIB
hh3cAclIPAcIBasicCount (1.3.6.1.4.1.25506.2.8.2.2.2.1.12)	read-only	No	As per MIB
hh3cAclIPAcIBasicCountClear (1.3.6.1.4.1.25506.2.8.2.2.2.1.13)	read-write	No	Not supported
hh3cAclIPAcIBasicEnable (1.3.6.1.4.1.25506.2.8.2.2.2.1.14)	read-only	No	As per MIB
hh3cAclIPAcIBasicVpnInstanceName (1.3.6.1.4.1.25506.2.8.2.2.2.1.15)	read-create	Current	As per MIB
hh3cAclIPAcIBasicComment (1.3.6.1.4.1.25506.2.8.2.2.2.1.16)	read-create	current	Only support read and write operation.
hh3cAclIPAcIBasicCounting (1.3.6.1.4.1.25506.2.8.2.2.2.1.17)	read-create	current	As per MIB
hh3cAclIPAcIBasicRouteType	read-create	current	As per MIB

Companion

Name	Access	PDS	Description
Any (1.3.6.1.4.1.25506.2.8.2.2.2.1 .18)			
hh3cAclIPAcIBasicRouteType Value (1.3.6.1.4.1.25506.2.8.2.2.2.1 .19)	read-create	current	As per MIB

58.5 hh3cAclIPAcIAdvancedTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.2.3

Notes:

If a rule will be created, hh3cAclIPAcIAdvancedRowStatus must be 4 and the rule number does not exist.

When the value of hh3cAclIPAcIAdvancedProtocol is udp or tcp, hh3cAclIPAcIAdvancedSrcOp, hh3cAclIPAcIAdvancedSrcPort1 and hh3cAclIPAcIAdvancedSrcPort2 can be set;

The value of hh3cAclIPAcIAdvancedDestAddrType and hh3cAclIPAcIAdvancedSrcAddrType is 1 or 2.

When the value of hh3cAclIPAcIAdvancedProtocol is ICMP or ICMPV6, hh3cAclIPAcIAdvancedIcmpType and hh3cAclIPAcIAdvancedIcmpCode can be set, otherwise it can not.

If the node hh3cAclIPAcIAdvancedSrcAny is set and the value of hh3cAclIPAcIAdvancedSrcAny is true, the set operation of hh3cAclIPAcIAdvancedSrcAddrType, hh3cAclIPAcIAdvancedSrcAddr, hh3cAclIPAcIAdvancedSrcPrefix, or hh3cAclIPAcIAdvancedSrcWild does not be executed. when the node hh3cAclIPAcIAdvancedSrcAny is not set, If the node hh3cAclIPAcIAdvancedSrcAddrType is set and the value of hh3cAclIPAcIAdvancedSrcAddrType is 1, hh3cAclIPAcIAdvancedSrcAddr and hh3cAclIPAcIAdvancedSrcWild must be set correctly and the set operation of node

Companion

hh3cAclIPAcIAdvancedSrcPrefix is forbidden; If the node hh3cAclIPAcIAdvancedSrcAddrType is set and the value of hh3cAclIPAcIAdvancedSrcAddrType is 2, hh3cAclIPAcIAdvancedSrcAddr and hh3cAclIPAcIAdvancedSrcPrefix must be set correctly and the set operation of node hh3cAclIPAcIAdvancedSrcWild is forbidden. The value of hh3cAclIPAcIAdvancedSrcAddrType is 1 or 2 now. So do hh3cAclIPAcIAdvancedDestAddrType, hh3cAclIPAcIAdvancedDestAddr, hh3cAclIPAcIAdvancedDestPrefix, hh3cAclIPAcIAdvancedDestAny and hh3cAclIPAcIAdvancedDestWild.

The value of hh3cAclIPAcIAdvancedFragmentFlag is only 0 or 2 now.

All the objects in the table except hh3cAclIPAcIAdvancedComment can not be modified now.

If destroy operation is executed, hh3cAclIPAcIAdvancedRowStatus value must be 6.

Name	Access	PDS	Description
hh3cAclIPAcIAdvancedRuleIndex (1.3.6.1.4.1.25506.2.8.2.2.3.1.1)	not-accessible	Current	As per MIB
hh3cAclIPAcIAdvancedRowStatus (1.3.6.1.4.1.25506.2.8.2.2.3.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAclIPAcIAdvancedAction (1.3.6.1.4.1.25506.2.8.2.2.3.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAclIPAcIAdvancedProtocol (1.3.6.1.4.1.25506.2.8.2.2.3.1.4)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedAddressFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.5)	read-create	Current	Not supported
hh3cAclIPAcIAdvancedSrcAddress	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
drType (1.3.6.1.4.1.25506.2.8.2.2.3.1.6)			
hh3cAclIPAcIAdvancedSrcAddr (1.3.6.1.4.1.25506.2.8.2.2.3.1.7)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedSrcPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.8)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedSrcAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.9)	read-create	Current	The default value is true(1).
hh3cAclIPAcIAdvancedSrcWildcard (1.3.6.1.4.1.25506.2.8.2.2.3.1.10)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedSrcOperator (1.3.6.1.4.1.25506.2.8.2.2.3.1.11)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedSrcPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.12)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedSrcPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.13)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestAddressType (1.3.6.1.4.1.25506.2.8.2.2.3.1.14)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestAddress (1.3.6.1.4.1.25506.2.8.2.2.3.1.15)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestPrefix (1.3.6.1.4.1.25506.2.8.2.2.3.1.16)	read-create	Current	As per MIB

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Name	Access	PDS	Description
.16)			
hh3cAclIPAcIAdvancedDestAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.17)	read-create	Current	The default value is true(1)
hh3cAclIPAcIAdvancedDestWild (1.3.6.1.4.1.25506.2.8.2.2.3.1.18)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestOpp (1.3.6.1.4.1.25506.2.8.2.2.3.1.19)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestPort1 (1.3.6.1.4.1.25506.2.8.2.2.3.1.20)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDestPort2 (1.3.6.1.4.1.25506.2.8.2.2.3.1.21)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedIcmpType (1.3.6.1.4.1.25506.2.8.2.2.3.1.22)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedIcmpCode (1.3.6.1.4.1.25506.2.8.2.2.3.1.23)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedPrecedence (1.3.6.1.4.1.25506.2.8.2.2.3.1.24)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedTos (1.3.6.1.4.1.25506.2.8.2.2.3.1.25)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedDscp (1.3.6.1.4.1.25506.2.8.2.2.3.1.26)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedTimeRangeName	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.8.2.2.3.1.27)			
hh3cAcIIPAcIAdvancedTCPFI ag (1.3.6.1.4.1.25506.2.8.2.2.3.1.28)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedFragm entFlag (1.3.6.1.4.1.25506.2.8.2.2.3.1.29)	read-create	Current	Support 0 and 2
hh3cAcIIPAcIAdvancedLog (1.3.6.1.4.1.25506.2.8.2.2.3.1.30)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedCount (1.3.6.1.4.1.25506.2.8.2.2.3.1.31)	read-only	No	As per MIB
hh3cAcIIPAcIAdvancedCount Clear (1.3.6.1.4.1.25506.2.8.2.2.3.1.32)	read-write	No	Not supported
hh3cAcIIPAcIAdvancedEnabl e (1.3.6.1.4.1.25506.2.8.2.2.3.1.33)	read-only	No	As per MIB
hh3cAcIIPAcIAdvancedVpnl stanceName (1.3.6.1.4.1.25506.2.8.2.2.3.1.34)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedCom ment (1.3.6.1.4.1.25506.2.8.2.2.3.1.35)	read-create	Current	Only support read and write operation.
hh3cAcIIPAcIAdvancedReflec tive (1.3.6.1.4.1.25506.2.8.2.2.3.1.36)	read-create	Current	Not supported
hh3cAcIIPAcIAdvancedCounti ng (1.3.6.1.4.1.25506.2.8.2.2.3.1.37)	read-create	Current	As per MIB
hh3cAcIIPAcIAdvancedTCPFI	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
agMask (1.3.6.1.4.1.25506.2.8.2.2.3.1.38)			
hh3cAclIPAcIAdvancedTCPFI agValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.39)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedRoute TypeAny (1.3.6.1.4.1.25506.2.8.2.2.3.1.40)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedRoute TypeValue (1.3.6.1.4.1.25506.2.8.2.2.3.1.41)	read-create	Current	As per MIB
hh3cAclIPAcIAdvancedFlowL abel (1.3.6.1.4.1.25506.2.8.2.2.3.1.42)	read-create	Current	The default value is 0.

58.6 hh3cAclMACTable

OID of this table is :1.3.6.1.4.1.25506.2.8.2.3.1

Notes:

If a rule will be created, hh3cAclMACRowStatus must be 4 and the rule number does not exist.

The set of hh3cAclMACAct is required when a rule is created.

hh3cAclMACTypeCode and hh3cAclMACTypeMask must be set together.

hh3cAclMACSrcMac and hh3cAclMACSrcMacWild must be set together.

hh3cAclMACDestMac and hh3cAclMACDestMacWild must be set together.

hh3cAclMACLsapCode and hh3cAclMACLsapMask must be set together.

If hh3cAclMACTypeCode or hh3cAclMACTypeMask is set,
hh3cAclMACLsapCode or hh3cAclMACLsapMask must be not set.

If hh3cAclMACLsapCode or hh3cAclMACLsapMask is set,

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hh3cAcI MACTypeCode or hh3cAcI MACTypeMask must be not set.

All the objects in the table except hh3cAcI MACComment can not be modified now.

Name	Access	PDS	Description
hh3cAcI MACRuleIndex (1.3.6.1.4.1.25506.2.8.2.3.1.1.1)	not-accessible	Current	As per MIB
hh3cAcI MACRowStatus (1.3.6.1.4.1.25506.2.8.2.3.1.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)
hh3cAcI MACAct (1.3.6.1.4.1.25506.2.8.2.3.1.1.3)	read-create	Current	Only support permit(2),deny(3)
hh3cAcI MACTypeCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.4)	read-create	Current	As per MIB
hh3cAcI MACTypeMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.5)	read-create	Current	As per MIB
hh3cAcI MACSrcMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.6)	read-create	Current	As per MIB
hh3cAcI MACSrcMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.7)	read-create	Current	As per MIB
hh3cAcI MACDestMac (1.3.6.1.4.1.25506.2.8.2.3.1.1.8)	read-create	Current	As per MIB
hh3cAcI MACDestMacWild (1.3.6.1.4.1.25506.2.8.2.3.1.1.9)	read-create	Current	As per MIB
hh3cAcI MACLSapCode (1.3.6.1.4.1.25506.2.8.2.3.1.1.10)	read-create	Current	As per MIB
hh3cAcI MACLSapMask (1.3.6.1.4.1.25506.2.8.2.3.1.1.11)	read-create	Current	As per MIB
hh3cAcI MACCos (1.3.6.1.4.1.25506.2.8.2.3.1.1.12)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cAcI MACTimeRangeName (1.3.6.1.4.1.25506.2.8.2.3.1.1.13)	read-create	Current	As per MIB
hh3cAcI MACCount (1.3.6.1.4.1.25506.2.8.2.3.1.1.14)	read-only	No	As per MIB
hh3cAcI MACCountClear (1.3.6.1.4.1.25506.2.8.2.3.1.1.15)	read-write	No	Not supported
hh3cAcI MACEnable (1.3.6.1.4.1.25506.2.8.2.3.1.1.16)	read-only	No	As per MIB
hh3cAcI MACComment (1.3.6.1.4.1.25506.2.8.2.3.1.1.17)	read-create	Current	Only support read and write operation.
hh3cAcI MACLog (1.3.6.1.4.1.25506.2.8.2.3.1.1.18)	read-create	Current	Not supported
hh3cAcI MACCounting (1.3.6.1.4.1.25506.2.8.2.3.1.1.19)	read-create	Current	As per MIB

58.7 hh3cAcI ResourceUsageTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.2.5.1

Name	Access	PDS	Description
hh3cAcI ResourceChassis (1.3.6.1.4.1.25506.2.8.2.5.1.1.1)	not-accessible	No	As per MIB
hh3cAcI ResourceSlot (1.3.6.1.4.1.25506.2.8.2.5.1.1.2)	not-accessible	No	As per MIB
hh3cAcI ResourceChip (1.3.6.1.4.1.25506.2.8.2.5.1.1.3)	not-accessible	No	As per MIB

Companion

hh3cAclResourceType (1.3.6.1.4.1.25506.2.8.2.5.1.1.4)	not-accessible	No	As per MIB
hh3cAclPortRange (1.3.6.1.4.1.25506.2.8.2.5.1.1.5)	read-only	No	As per MIB
hh3cAclResourceTotal (1.3.6.1.4.1.25506.2.8.2.5.1.1.6)	read-only	No	As per MIB
hh3cAclResourceReserved (1.3.6.1.4.1.25506.2.8.2.5.1.1.7)	read-only	No	As per MIB
hh3cAclResourceConfigured (1.3.6.1.4.1.25506.2.8.2.5.1.1.8)	read-only	No	As per MIB
hh3cAclResourceUsagePercent (1.3.6.1.4.1.25506.2.8.2.5.1.1.9)	read-only	No	As per MIB
hh3cAclResourceTypeDescription (1.3.6.1.4.1.25506.2.8.2.5.1.1.10)	read-only	No	As per MIB

58.8 hh3cPfilterScalarGroup

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.1

Name	Access	PDS	Description
hh3cPfilterDefaultAction (1.3.6.1.4.1.25506.2.8.3.1.1)	read-write	Current	As per MIB
hh3cPfilterProcessingStatus (1.3.6.1.4.1.25506.2.8.3.1.2)	read-only	No	As per MIB

58.9 hh3cPfilterApplyTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.2

Notes:

When the node hh3cPfilterApplyHardCount is set, the value of hh3cPfilterApplyAclType must be 1 or 2.

When the node hh3cPfilterApplyCountClear is set, the value of hh3cPfilterApplyAcIType must be 1 or 2.

Name	Access	PDS	Description
hh3cPfilterApplyObjType (1.3.6.1.4.1.25506.2.8.3.2.1.1)	not-accessible	Current	Only support interface(1)
hh3cPfilterApplyObjIndex (1.3.6.1.4.1.25506.2.8.3.2.1.2)	not-accessible	Current	As per MIB
hh3cPfilterApplyDirection (1.3.6.1.4.1.25506.2.8.3.2.1.3)	not-accessible	Current	As per MIB
hh3cPfilterApplyAcIType (1.3.6.1.4.1.25506.2.8.3.2.1.4)	not-accessible	Current	As per MIB
hh3cPfilterApplyAcIIndex (1.3.6.1.4.1.25506.2.8.3.2.1.5)	not-accessible	Current	Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6
hh3cPfilterApplyHardCount (1.3.6.1.4.1.25506.2.8.3.2.1.6)	read-create	Current	As per MIB
hh3cPfilterApplySequence (1.3.6.1.4.1.25506.2.8.3.2.1.7)	read-only	No	As per MIB
hh3cPfilterApplyCountClear (1.3.6.1.4.1.25506.2.8.3.2.1.8)	read-write	No	As per MIB
hh3cPfilterApplyRowStatus (1.3.6.1.4.1.25506.2.8.3.2.1.9)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

58.10 hh3cPfilterAcIGroupRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.3

Name	Access	PDS	Description
hh3cPfilterAcIGroupStatus (1.3.6.1.4.1.25506.2.8.3.3.1.1)	read-only	No	As per MIB

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hh3cPfilterAclGroupCountStatus (1.3.6.1.4.1.25506.2.8.3.3.1.2)	read-only	No	As per MIB
hh3cPfilterAclGroupPermitPackets (1.3.6.1.4.1.25506.2.8.3.3.1.3)	read-only	No	As per MIB
hh3cPfilterAclGroupPermitBytes (1.3.6.1.4.1.25506.2.8.3.3.1.4)	read-only	No	Not supported
hh3cPfilterAclGroupDenyPkts (1.3.6.1.4.1.25506.2.8.3.3.1.5)	read-only	No	As per MIB
hh3cPfilterAclGroupDenyBytes (1.3.6.1.4.1.25506.2.8.3.3.1.6)	read-only	No	Not supported

58.11 hh3cPfilterAclRuleRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.4

Name	Access	PDS	Description
hh3cPfilterAclRuleIndex (1.3.6.1.4.1.25506.2.8.3.4.1.1)	not-accessible	No	As per MIB
hh3cPfilterAclRuleStatus (1.3.6.1.4.1.25506.2.8.3.4.1.2)	read-only	No	As per MIB
hh3cPfilterAclRuleCountStatus (1.3.6.1.4.1.25506.2.8.3.4.1.3)	read-only	No	As per MIB
hh3cPfilterAclRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.4.1.4)	read-only	No	As per MIB

Companion

hh3cPfilterAclRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.4.1.5)	read-only	No	Not supported
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58.12 hh3cPfilterStatisticSumTable

OID of this table is: 1.3.6.1.4.1.25506.2.8.3.5

Name	Access	PDS	Description
hh3cPfilterSumDirection (1.3.6.1.4.1.25506.2.8.3.5.1.1)	not-accessible	No	As per MIB
hh3cPfilterSumAclType (1.3.6.1.4.1.25506.2.8.3.5.1.2)	not-accessible	No	As per MIB
hh3cPfilterSumAclIndex (1.3.6.1.4.1.25506.2.8.3.5.1.3)	not-accessible	No	Support 2000 to 4999 by ipv4. Support 2000 to 3999 by ipv6
hh3cPfilterSumRuleIndex (1.3.6.1.4.1.25506.2.8.3.5.1.4)	not-accessible	No	As per MIB
hh3cPfilterSumRuleMatchPackets (1.3.6.1.4.1.25506.2.8.3.5.1.5)	read-only	No	As per MIB
hh3cPfilterSumRuleMatchBytes (1.3.6.1.4.1.25506.2.8.3.5.1.6)	read-only	No	Not supported

59 HH3C-CBQOS2-MIB

59.1 Scalar Objects

Name	Access	PDS	Description
hh3cCBQoSClassifierIndexNext (1.3.6.1.4.1.25506.2.65.2.1.1)	read-only	Current	If the value of this object is 65535, it indicates that no Classifier can be created in

Companion

Name	Access	PDS	Description
1)			hh3cCBQoSClassifierCfgInfoTable.
hh3cCBQoSBehaviorIndexNext (1.3.6.1.4.1.25506.2.65.2.1.2.1)	read-only	Current	If the value of this object is 65535, it indicates that no Behavior can be created in hh3cCBQoSBehaviorCfgInfoTable.
hh3cCBQoSPolicyIndexNext (1.3.6.1.4.1.25506.2.65.2.1.3.1)	read-only	Current	If the value of this object is 65535, it indicates that no Policy can be created in hh3cCBQoSPolicyCfgInfoTable.
hh3cCBQoSApplyingStatus (1.3.6.1.4.1.25506.2.65.2.1.6.1)	read-only	No	It is forbidden to set in this MIB module when the value is busy(2).

59.2 hh3cCBQoSClassifierCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.2

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

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSClassifierIndexNext.
- (2) Use the value as hh3cCBQoSClassifierIndex to create the new entry of this table.
- (3) hh3cCBQoSClassifierName must be bound when creating a new entry of this table.
- (4) hh3cCBQoSClassifierRuleCount stands for the number of nodes in the classifier, including the nodes that are only supported by the command line.

Name	Access	PDS	Description
hh3cCBQoSClassifierIndex (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.1)	not-accessible	No	As per MIB
hh3cCBQoSClassifierName (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.2)	read-create	Current	As per MIB
hh3cCBQoSClassifierRuleCount	read-only	Current	As per MIB

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Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.65.2.1.1.2.1.3)			
hh3cCBQoSClassifierOperator (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.4)	read-create	Current	As per MIB
hh3cCBQoSClassifierLayer (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.5)	read-create	Current	Not supported. The value is always unavailable(1).
hh3cCBQoSClassifierType (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.6)	read-only	Current	Only support userDefined(2)
hh3cCBQoSClassifierMatchRuleNextIndex (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.7)	read-only	Current	If the value of this object is 2147483647, it indicates that no instance can be created in hh3cCBQoSMatchRuleCfgInfoTable.
hh3cCBQoSClassifierRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.2.1.8)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.3 hh3cCBQoSMatchRuleCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.3

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

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSClassifierMatchRuleNextIndex from table hh3cCBQoSClassifierCfgInfoTable
- (2) Use the value as hh3cCBQoSMatchRuleIndex to create the new entry of this table.
- (3) If hh3cCBQoSMatchRuleIfNot is not bound when creating a new entry of this table, the value 'match' will be given by the system as default.
- (4) hh3cCBQoSMatchRuleType must be bound when creating a new entry of this table.
- (5) If the hh3cCBQoSMatchRuleType is matchRuleAny(1),

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matchRuleIPv4Protocol(4),matchRuleIPv6Protocol(5):hh3cCBQoSMatchRuleStringValue, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.

(6) If the hh3cCBQoSMatchRuleType is matchRuleIpv4Acl(2), matchRuleIPv6Acl(3): one of hh3cCBQoSMatchRuleStringValue and hh3cCBQoSMatchRuleIntValue1 must be bound ,hh3cCBQoSMatchRuleIntValue2 must not be bound.

(7) If the hh3cCBQoSMatchRuleType is matchRuleIpPre(8), matchRuleVlan8021p(9),matchRuleQoSLocalID(15),matchRuleServiceDot1p(25): hh3cCBQoSMatchRuleIntValue1 must be bound, hh3cCBQoSMatchRuleIntValue2 and hh3cCBQoSMatchRuleStringValue must not be bound.

(8) If the hh3cCBQoSMatchRuleType is matchRuleDscp(7):only hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 can be bound, hh3cCBQoSMatchRuleStringValue must not be bound.

(9) If the hh3cCBQoSMatchRuleType is matchRuleSourceMac(13), matchRuleDestinationMac(14),matchRuleVlanID(20),matchRuleTopMostVlanID(21),match RuleVxlan(34) : hh3cCBQoSMatchRuleStringValue must be bound, hh3cCBQoSMatchRuleIntValue1 and hh3cCBQoSMatchRuleIntValue2 must not be bound.

Name	Access	PDS	Description
hh3cCBQoSMatchRuleIndex (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.1)	not-accessible	No	As per MIB
hh3cCBQoSMatchRuleIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.2)	read-create	Current	Only support match(1)
hh3cCBQoSMatchRuleType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.3)	read-create	Current	Only support matchRuleAny(1), matchRuleIpv4Acl(2), matchRuleIpv6Acl(3), matchRuleIpv4Protocol(4), matchRuleIpv6Protocol(5), matchRuleDscp(7),matchIpPre(8),matchRuleVlan8021p(9),matchSourceMac(13),matchDestinationMac(14),matchQoSLocalId(15),matchVlanID(20),matchTopMostVlanID(21),matchServiceDot1p(25), matchRuleVxlan(34),
hh3cCBQoSMatchRuleString	read-create	Current	As per MIB

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Name	Access	PDS	Description
Value (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.4)			
hh3cCBQoSMatchRuleIntValue1 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.5)	read-create	Current	As per MIB
hh3cCBQoSMatchRuleIntValue2 (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.6)	read-create	Current	As per MIB
hh3cCBQoSMatchIpAddressType (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.7)	read-create	Current	Not supported The value is always unknown(0).
hh3cCBQoSMatchIpAddress (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.8)	read-create	Current	Not supported. The value is always zero length.
hh3cCBQoSMatchRuleRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.3.1.9)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.4 hh3cCBQoSMatchCpProtoCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.4

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

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSClassifierMatchRuleNextIndex from table hh3cCBQoSClassifierCfgInfoTable
- (2) Use the value as hh3cCBQoSMatchRuleIndex to create the new entry of this table.
- (3) If hh3cCBQoSMatchCpProtoIfNot is not bound when creating a new entry of this table, the value 'match' will be given by the system as default.

Companion

Name	Access	PDS	Description
hh3cCBQoSMatchCpProtoIfNot (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.1)	read-create	Current	Only support match(1)
hh3cCBQoSMatchCpProtoValue (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.2)	read-create	Current	Only support 1,2,3,4,8,9,10,11,12,14,15,16,17,18,19,22,23,26,31,32,33,34,50,54,55,57,58,59,60
hh3cCBQoSMatchCpProtoRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.4.1.3)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.5 hh3cCBQoSMatchCpGroupCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.1.5

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

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSClassifierMatchRuleNextIndex from table hh3cCBQoSClassifierCfgInfoTable
- (2) Use the value as hh3cCBQoSMatchRuleIndex to create the new entry of this table
- (3) If hh3cCBQoSMatchCpGroupIfNot is not bound when creating a new entry of this table, the value 'match' will be given by the system as default.

Name	Access	PDS	Description
hh3cCBQoSMatchCpGroupIfNot	read-create	Current	Only support match(1)

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.65.2.1.1.5.1.1)			
hh3cCBQoSMatchCpGroupValue (1.3.6.1.4.1.25506.2.65.2.1.1.5.1.2)	read-create	Current	Only support critical(1) , important(2), management(3), normal(4), redirect(5), and monitor(6)
hh3cCBQoSMatchCpGroupRowStatus (1.3.6.1.4.1.25506.2.65.2.1.1.5.1.3)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.6 hh3cCBQoSBehaviorCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.2

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

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSBehaviorIndexNext.
- (2) Use the value as hh3cCBQoSBehaviorIndex to create the new entry of this table.

Name	Access	PDS	Description
hh3cCBQoSBehaviorIndex (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.1)	not-accessible	No	As per MIB
hh3cCBQoSBehaviorName (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.2)	read-create	Current	As per MIB
hh3cCBQoSBehaviorType (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.3)	read-only	Current	Only support userDefined(2)

Companion

Name	Access	PDS	Description
2.1.3)			
hh3cCBQoSBehaviorRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.2.1.4)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.7 hh3cCBQoSCarCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.3

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

hh3cCBQoSCarCir must be bound when creating a new entry of this table.

When creating a new entry, if hh3cCBQoSCarGreenAction is pass(1) or discard(3), hh3cCBQoSCarGreenRemarkValue must not be bound.

When creating a new entry, if hh3cCBQoSCarYellowAction is pass(1) or discard(3), hh3cCBQoSCarYellowRemarkValue must not be bound.

When creating a new entry, if hh3cCBQoSCarRedAction is pass(1) or discard(3), hh3cCBQoSCarRedRemarkValue must not be bound.

Name	Access	PDS	Description
hh3cCBQoSCarCir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.1)	read-create	Current	Range from 8 to 160000000 The value must be a multiple of 8.
hh3cCBQoSCarCbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.2)	read-create	Current	Range from 512 to 256000000. The value must be a multiple of 512.
hh3cCBQoSCarEbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.3)	read-create	Current	The default value is 512. Range from 0 to 256000000. The value must be a multiple of 512.
hh3cCBQoSCarPir (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.4)	read-create	Current	Range from 8 to 160000000 The value must be a multiple of 8.

Companion

Name	Access	PDS	Description
hh3cCBQoSCarPbs (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.5)	read-create	Current	Not supported. The value is always 4294967295.
hh3cCBQoSCarGreenAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.6)	read-create	Current	Only support pass(1), discard(3), remark-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17)
hh3cCBQoSCarGreenRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.7)	read-create	Current	As per MIB
hh3cCBQoSCarYellowAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.8)	read-create	Current	Only support pass(1), discard(3), remark-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17)
hh3cCBQoSCarYellowRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.9)	read-create	Current	As per MIB
hh3cCBQoSCarRedAction (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.10)	read-create	Current	Only support pass(1), discard(3), remark-dscp-pass(10), remark-dot1p-pass(12), and remark-local-pre-pass(17)
hh3cCBQoSCarRedRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.11)	read-create	Current	As per MIB
hh3cCBQoSCarPolicedPriorityMapType (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.12)	read-create	Current	Not supported. The value is always none(0).
hh3cCBQoSCarRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.3.1.13)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.8 hh3cCBQoSRemarkCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.6

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

When creating a new entry of this table:

1. Use the value as hh3cCBQoSBehaviorIndex and hh3cCBQoSRemarkType to create the new entry of this table.
2. hh3cCBQoSRemarkType can use the values, such as typeIpPrecedence(1), typeDscp(2), typeVlan8021p(4), typeVlanID(7), typeQosLocalID(8), typeDropPrecedence(9), typeLocalPrecedence(10), typeTopMostVlanID(11).
3. hh3cCBQoSRemarkValue must be set according to the value of hh3cCBQoSRemarkType.

Name	Access	PDS	Description
hh3cCBQoSRemarkType (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.1)	not-accessible	Current	Only support typeIpPrecedence(1), typeDscp(2), typeVlan8021p(4), typeVlanID(7), typeQosLocalID(8), typeDropPrecedence(9), typeLocalPrecedence(10), and typeTopMostVlanID(11)
hh3cCBQoSRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.2)	read-create	Current	As per MIB
hh3cCBQoSRemarkRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.6.1.3)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.9 hh3cCBQoSFirewallCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.12

This table does not support to modify the variable of existing entry, only supports to

Companion

create a new entry and destroy an existing entry.

Name	Access	PDS	Description
hh3cCBQoSFirewallAction (1.3.6.1.4.1.25506.2.65.2.1.2.12.1.1)	read-create	Current	As per MIB
hh3cCBQoSFirewallRowStat us (1.3.6.1.4.1.25506.2.65.2.1.2.12.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.10 hh3cCBQoSAccountCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.14

This table does not support to modify the variable of existing entry, only supports

to create a new entry and destroy an existing entry.

Name	Access	PDS	Description
hh3cCBQoSAccounting (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.1)	read-create	Current	Not supported. The value is always true(1)
hh3cCBQoSAccountRowStat us (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.2)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3cCBQoSAccountingMode (1.3.6.1.4.1.25506.2.65.2.1.2.14.1.3)	read-create	Current	Only support packet(2) and byte(3)

59.11 hh3cCBQoSRedirectCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.15

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

hh3cCBQoSRedirectType must be bound when creating a new entry of this table.

Companion

If hh3cCBQoSRedirectType is cpu(1), hh3cCBQoSRedirectIfIndex, hh3cCBQoSRedirectIfVlanID must not be bound

If hh3cCBQoSRedirectType is interface(2), only hh3cCBQoSRedirectIfIndex, hh3cCBQoSRedirectIfVlanID, and hh3cCBQoSRedirectRowStatus can be bound

Name	Access	PDS	Description
hh3cCBQoSRedirectType (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.1)	read-create	Current	Only support cpu(1), interface(2).
hh3cCBQoSRedirectIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.2)	read-create	Current	As per Mib
hh3cCBQoSRedirectIpAddressType (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.3)	read-create	Current	Not supported. The value is always unknown(0)
hh3cCBQoSRedirectIpAddress1 (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.4)	read-create	Current	Not supported. The value is always zero-length
hh3cCBQoSRedirectIpAddress2 (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.5)	read-create	Current	Not supported. The value is always zero-length
hh3cCBQoSRedirectRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.6)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3cCBQoSRedirectIpv6Interface1 (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.7)	read-create	Current	Not supported. The value is always 0
hh3cCBQoSRedirectIpv6Interface2 (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.8)	read-create	Current	Not supported. The value is always 0
hh3cCBQoSRedirectIfVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.15.1.9)	read-create	Current	Not supported. The value is always 65535

59.12 hh3cCBQoSMirrorCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.17

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

Name	Access	PDS	Description
hh3cCBQoSMirrorType (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.1)	read-create	Current	Only support cpu(2)
hh3cCBQoSMirrorIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.2)	read-create	Current	Not supported. The value is always zero-length
hh3cCBQoSMirrorVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.3)	read-create	Current	Not supported. The value is always 0
hh3cCBQoSMirrorRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.17.1.4)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.13 hh3cCBQoSNEstCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.18

Name	Access	PDS	Description
hh3cCBQoSNEstServiceVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.1)	read-create	Current	As per MIB
hh3cCBQoSNEstServiceDot1pValue (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.2)	read-create	Current	Not supported. The value is always 65535
hh3cCBQoSNEstCustomerVlanID (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.3)	read-create	Current	Not supported. The value is always 65535
hh3cCBQoSNEstCustomerDot1pValue	read-create	Current	Not supported. The value is always 65535

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.65.2.1.2.18.1.4)			
hh3cCBQoSNEstRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.18.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.14 hh3cCBQoSMirrorIfCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.20

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

Name	Access	PDS	Description
hh3cCBQoSMirrorIfMainIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSMirrorIfMainIfStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.2)	read-only	Current	As per MIB
hh3cCBQoSMirrorIfBackupIfIndex (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.3)	read-create	Current	Not supported. The value is always 0
hh3cCBQoSMirrorIfBackupIfStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.4)	read-only	Current	The value is always inactive(1)
hh3cCBQoSMirrorIfRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.20.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.15 hh3cCBQoSColoredRemarkCfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.2.21

This table does not support to modify the variable of existing entry, only supports to

create a new entry and destroy an existing entry.

When creating a new entry of this table:

(1) Use the value as hh3cCBQoSBehaviorIndex, hh3cCBQoSColoredRemarkType and hh3cCBQoSColoredRemarkColor to create the new entry of this table.

(2) hh3cCBQoSColoredRemarkType can use the values, such as typeDscp(2), typeVlan8021p(4), typeLocalPrecedence(10).

(3) hh3cCBQoSColoredRemarkColor can use the values, such as color Green(1), Yellow(2), Red(3).

(4) hh3cCBQoSColoredRemarkValue must be set according to the value of hh3cCBQoSRemarkType.

Name	Access	PDS	Description
hh3cCBQoSColoredRemarkType (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.1)	not-accessible	Current	Only support typeDscp(2), typeVlan8021p(4), typeLocalPrecedence(10)
hh3cCBQoSColoredRemarkColor (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.2)	not-accessible	Current	As per MIB
hh3cCBQoSColoredRemarkValue (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.3)	read-create	Current	As per MIB
hh3cCBQoSColoredRemarkRowStatus (1.3.6.1.4.1.25506.2.65.2.1.2.21.1.4)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.16 hh3cCBQoSPolicyCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.3.2

This table does not support to modify the variable of existing entry, only supports to

Companion

create a new entry and destroy an existing entry.

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSPolicyIndexNext
- (2) Use the value as hh3cCBQoSPolicyIndex to create the new entry of this table.

Name	Access	PDS	Description
hh3cCBQoSPolicyIndex (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.1)	not-accessible	No	As per MIB
hh3cCBQoSPolicyName (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.2)	read-create	Current	As per MIB
hh3cCBQoSPolicyClassCount (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.3)	read-only	Current	As per MIB
hh3cCBQoSPolicyConfigMode (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.4)	read-create	Current	Not supported. The value is always unavailable(0).
hh3cCBQoSPolicyType (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.5)	read-only	Current	As per MIB
hh3cCBQoSPolicyClassNextIndex (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.6)	read-only	Current	If the value of this object is 2147483647, it indicates that no instance can be created in hh3cCBQoSPolicyClassCfgInfoTable.
hh3cCBQoSPolicyRowStatus (1.3.6.1.4.1.25506.2.6 5.2.1.3.2.1.7)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.17 hh3cCBQoSPolicyClassCfgInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.3.3

When creating a new entry of this table:

- (1) Get the value of hh3cCBQoSPolicyClassNextIndex from table hh3cCBQoSPolicyClassCfgInfoTable
- (2) Use the value as hh3cCBQoSPolicyClassIndex to create the new entry of this table.
- (3) The hh3cCBQoSPolicyClassClassifierIndex and hh3cCBQoSPolicyClassBehaviorIndex must be available, or the creating will fail.
- (4) Variables that must be bound when creating a new entry of this table include hh3cCBQoSPolicyClassClassifierIndex and hh3cCBQoSPolicyClassBehaviorIndex.

Name	Access	PDS	Description
hh3cCBQoSPolicyClassIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.1)	not-accessible	No	As per MIB
hh3cCBQoSPolicyClassClassifierIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.2)	read-create	Current	As per MIB
hh3cCBQoSPolicyClassClassifierName (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.3)	read-only	Current	As per MIB
hh3cCBQoSPolicyClassBehaviorIndex (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.4)	read-create	Current	As per MIB
hh3cCBQoSPolicyClassBehaviorName (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.5)	read-only	Current	As per MIB
hh3cCBQoSPolicyClassPrecedence (1.3.6.1.4.1.25506.2.65.2.1.3.3.1.6)	read-create	Current	Not supported. The value is always 2147483647.
hh3cCBQoSPolicyClassRowStatus (1.3.6.1.4.1.25506.2.65.2.1.3.	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

Companion

Name	Access	PDS	Description
3.1.7)			
hh3cCBQoSPolicyClassMode (1.3.6.1.4.1.25506.2.65.2.1.3. 3.1.8)	read-create	Current	Only support modeDCBX(6). The default value is modeNo(1).
hh3cCBQoSPolicyClassCfgO rder (1.3.6.1.4.1.25506.2.65.2.1.3. 3.1.9)	read-only	Current	Not supported

59.18 hh3cCBQoSIfApplyPolicyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.1

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

hh3cCBQoSIfApplyPolicyName must be bound in a set operation.

Name	Access	PDS	Description
hh3cCBQoSIfApplyPolicyIfInd ex (1.3.6.1.4.1.25506.2.65.2.1.4. 1.1.1)	accessible-f or-notify	Current	As per MIB
hh3cCBQoSIfApplyPolicyDire ction (1.3.6.1.4.1.25506.2.65.2.1.4. 1.1.2)	accessible-f or-notify	Current	As per MIB
hh3cCBQoSIfApplyPolicyNa me (1.3.6.1.4.1.25506.2.65.2.1.4. 1.1.3)	read-create	Current	As per MIB
hh3cCBQoSIfApplyPolicyEna bleDynamic (1.3.6.1.4.1.25506.2.65.2.1.4. 1.1.4)	read-create	Current	Not supported. The value is always unavailable(1).
hh3cCBQoSIfApplyPolicyRo wStatus (1.3.6.1.4.1.25506.2.65.2.1.4. 1.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

Companion

Name	Access	PDS	Description
hh3cCBQoSIfApplyPolicyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.1.1.6)	read-only	Current	As per MIB

59.19 hh3cCBQoSvlanApplyPolicyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.3

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

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

Name	Access	PDS	Description
hh3cCBQoSvlanApplyPolicyVlanid (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.1)	accessible-for-notify	Current	As per MIB
hh3cCBQoSvlanApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.2)	accessible-for-notify	Current	As per MIB
hh3cCBQoSvlanApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.3)	read-create	Current	As per MIB
hh3cCBQoSvlanApplyPriority (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.4)	read-create	Current	Not supported. The value is always 0.
hh3cCBQoSvlanApplyPolicyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3cCBQoSvlanApplyPolicyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.3.1.6)	read-only	Current	As per MIB

59.20 hh3cCBQoSGlobalApplyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.6

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

hh3cCBQoSGlobalApplyName must be bound when creating a new entry of this table.

Name	Access	PDS	Description
hh3cCBQoSGlobalApplyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSGlobalApplyName (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.2)	read-create	Current	As per MIB
hh3cCBQoSGlobalApplyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.3)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3cCBQoSGlobalApplyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.6.1.4)	read-only	Current	As per MIB

59.21 hh3cCBQoS CpApplyPolicyTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.4.7

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

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

Name	Access	PDS	Description
hh3cCBQoS CpApplyPolicyChassis (1.3.6.1.4.1.25506.2.6	not-accessible	Current	As per MIB

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Name	Access	PDS	Description
5.2.1.4.7.1.1)			
hh3cCBQoS CpApplyPolicySlot (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.2)	not-accessible	Current	As per MIB
hh3cCBQoS CpApplyPolicyDirection (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.3)	not-accessible	Current	Only support inbound (1)
hh3cCBQoS CpApplyPolicyName (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.4)	read-create	Current	As per MIB
hh3cCBQoS CpApplyPolicyStatus (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.5)	read-only	Current	As per MIB
hh3cCBQoS CpApplyRowStatus (1.3.6.1.4.1.25506.2.65.2.1.4.7.1.6)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).

59.22 hh3cCBQoSApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.1

Name	Access	PDS	Description
hh3cCBQoSApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSApplyObjectType (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.2)	read-only	Current	Only support interface(1), vlan(2), controlPlane(5).
hh3cCBQoSApplyObjectDirection (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.3)	read-only	Current	As per MIB
hh3cCBQoSApplyObjectMain	read-only	Current	As per MIB

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Name	Access	PDS	Description
Site (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.4)			
hh3cCBQoSApplyObjectSub Channel (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.5)	read-only	Current	As per MIB
hh3cCBQoSApplyObjectSub Class (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.6)	read-only	Current	Not supported
hh3cCBQoSApplyObjectSub ClassSec (1.3.6.1.4.1.25506.2.65.2.1.5.5.1.1.7)	read-only	Current	Not supported

59.23 hh3cCBQoSIntApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.2

Name	Access	PDS	Description
hh3cCBQoSIntApplyObjectIfl index (1.3.6.1.4.1.25506.2.65.2.1.5.5.2.1.1)	not-accessible	Current	As per MIB
hh3cCBQoSIntApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.2.1.2)	read-only	Current	As per MIB

59.24 hh3cCBQoSvlanApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.3

Name	Access	PDS	Description
hh3cCBQoSvlanApplyObjectVlanID (1.3.6.1.4.1.25506.2.65.2.1.5.5.3.1.1)	not-accessible	Current	The vlaue is 0 when policy is applied on global.

Companion

hh3cCBQoSvlanApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.3.1.2)	read-only	Current	As per MIB
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59.25 hh3cCBQoS CpApplyObjectTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.5.6

Name	Access	PDS	Description
hh3cCBQoS CpApplyObjectChassis (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.1)	not-accessible	Current	As per MIB
hh3cCBQoS CpApplyObjectSlot (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.2)	not-accessible	Current	As per MIB
hh3cCBQoS CpApplyObjectIndex (1.3.6.1.4.1.25506.2.65.2.1.5.5.6.1.3)	read-only	Current	As per MIB

59.26 hh3cCBQoS ClassMatchRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.2

Name	Access	PDS	Description
hh3cCBQoS ClassMatchedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.1)	read-only	No	Not supported. The value is always 0.
hh3cCBQoS ClassMatchedByBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.2)	read-only	No	Not supported. The value is always 0.
hh3cCBQoS ClassFwdPktps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.3)	read-only	No	Not supported. The value is always 0.
hh3cCBQoS ClassFwdPktbps	read-only	No	Not supported. The value is

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.4)			always 0.
hh3cCBQoSClassDropPktps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.5)	read-only	No	Not supported. The value is always 0.
hh3cCBQoSClassDropPktps (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.6)	read-only	No	Not supported. The value is always 0.
hh3cCBQoSClassFlowStatInterval (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.7)	read-only	No	Not supported. The value is always 0.
hh3cCBQoSClassBehaviorStatus (1.3.6.1.4.1.25506.2.65.2.1.5.6.2.1.8)	read-only	No	As per MIB

59.27 hh3cCBQoSCarRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.3

Name	Access	PDS	Description
hh3cCBQoSCarGreenPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.1)	read-only	No	As per MIB
hh3cCBQoSCarGreenBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.2)	read-only	No	As per MIB
hh3cCBQoSCarRedPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.3)	read-only	No	As per MIB
hh3cCBQoSCarRedBytes (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.4)	read-only	No	As per MIB
hh3cCBQoSCarYellowPackets (1.3.6.1.4.1.25506.2.65.2.1.5.6.3.1.5)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
6.3.1.5)			
hh3cCBQoSCarYellowBytes (1.3.6.1.4.1.25506.2.65.2.1.5. 6.3.1.6)	read-only	No	As per MIB

59.28 hh3cCBQoSRemarkRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.5

Name	Access	PDS	Description
hh3cCBQoSRemarkPacket s (1.3.6.1.4.1.25506.2.65.2.1.5. 6.5.1.1)	read-only	No	Not supported. The value is always 0.

59.29 hh3cCBQoSAccountingRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.2.1.5.6.8

Name	Access	PDS	Description
hh3cCBQoSAccountingPack ets (1.3.6.1.4.1.25506.2.65.2.1.5. 6.8.1.1)	read-only	No	As per MIB
hh3cCBQoSAccountingBytes (1.3.6.1.4.1.25506.2.65.2.1.5. 6.8.1.2)	read-only	No	As per MIB

60 HH3C-COMMON-SYSTEM-MIB

60.1 Scalar objects

Name	Access	PDS	Description
hh3cWriteConfig (1.3.6.1.4.1.25506.6.5)	read-write	No	Not supported
hh3cStartFtpServer	read-write	Current	Not supported

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.6.6)			
hh3cReboot (1.3.6.1.4.1.25506.6.7)	read-write	No	Not supported
hh3cSoftwareVersion(1.3.6.1.4.1.25506.6.9)	read-only	No	Not supported
hh3cSysBootType(1.3.6.1.4.1.25506.6.10)	read-only	No	As per MIB

60.2 hh3cSystemInfo

OID of this table is: 1.3.6.1.4.1.25506.6.11

Name	Access	PDS	Description
hh3cSysStatisticPeriod (1.3.6.1.4.1.25506.6.11.1)	read-write	No	Not supported
hh3cSysSamplePeriod (1.3.6.1.4.1.25506.6.11.2)	read-write	No	Not supported
hh3cSysTrapResendPeriod (1.3.6.1.4.1.25506.6.11.3)	read-write	No	Not supported
hh3cSysTrapCollectionPeriod (1.3.6.1.4.1.25506.6.11.4)	read-write	No	Not supported
hh3cSysSnmpPort (1.3.6.1.4.1.25506.6.11.5)	read-only	No	Not supported
hh3cSysSnmpTrapPort (1.3.6.1.4.1.25506.6.11.6)	read-only	No	Not supported
hh3cSysNetID (1.3.6.1.4.1.25506.6.11.7)	read-write	Current	Not supported
hh3cSysLastSampleTime (1.3.6.1.4.1.25506.6.11.8)	read-only	No	Not supported
hh3cSysTrapSendNum (1.3.6.1.4.1.25506.6.11.9)	read-write	No	Not supported
hh3cSysFirstTrapTime (1.3.6.1.4.1.25506.6.11.10)	accessible-f or-notify	No	Not supported
hh3cSysBannerMOTD (1.3.6.1.4.1.25506.6.11.11)	read-write	Current	As per MIB

60.3 hh3cSystemWorkingMode

OID of this table is: 1.3.6.1.4.1.25506.6.14

Companion

Name	Access	PDS	Description
hh3cSystemWorkingModeDefault (1.3.6.1.4.1.25506.6.14.2)	read-only	No	As per MIB
hh3cSystemWorkingModeCurrent (1.3.6.1.4.1.25506.6.14.3)	read-only	No	As per MIB
hh3cSystemWorkingModeNext (1.3.6.1.4.1.25506.6.14.4)	read-write	Current	As per MIB

60.4 hh3cSystemWorkingModeTable

OID of this table is: 1.3.6.1.4.1.25506.6.14.1

Name	Access	PDS	Description
hh3cSystemWorkingModeIndex (1.3.6.1.4.1.25506.6.14.1.1)	not-accessible	No	Range from 1 to 2147483647. As per MIB
hh3cSystemWorkingModeName (1.3.6.1.4.1.25506.6.14.1.2)	read-only	No	As per MIB
hh3cSystemWorkingModeDescriptor (1.3.6.1.4.1.25506.6.14.1.3)	read-only	No	As per MIB

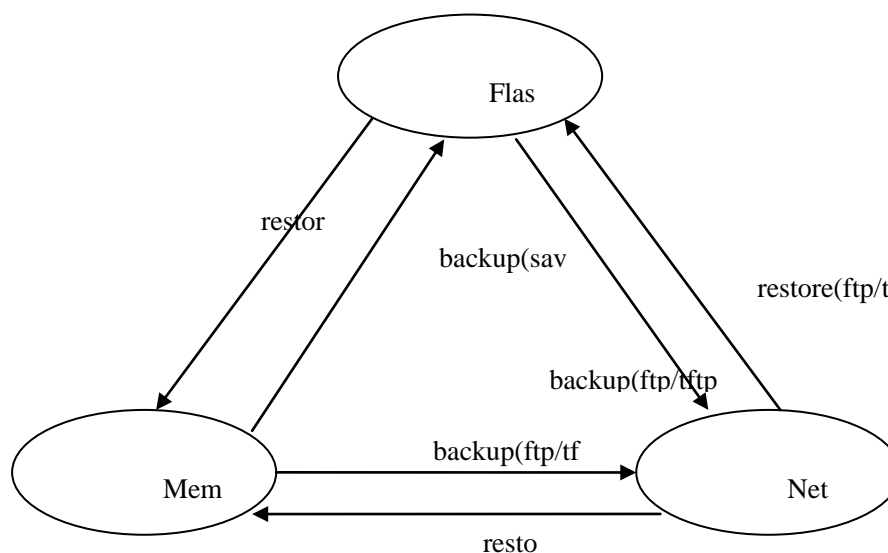
61 HH3C-CONFIG-MAN-MIB

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

All the configuration change events can be managed by the log management MIB.
The configuration may be changed by CLI, SNMP or other ways defined as the MIB.

Backup & Restore MIB group provides the configuration backup and restore among flash, memory and network.

Note: Writing flash can be done by backup(save) as described in figure below.



61.1 hh3cCfgLog group

61.1.1 Scalar objects of hh3cCfgLog group

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.1

Name	Access	PDS	Description
hh3cCfgRunModifiedLast (1.3.6.1.4.1.25506.2.4.1.1.1)	read-only	No	If system detects the current configuration has been changed, the value will be updated. Executing SNMP SET operation, the value will also be updated.
hh3cCfgRunSavedLast (1.3.6.1.4.1.25506.2.4.1.1.2)	read-only	No	As per MIB
hh3cCfgStartModifiedLast	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.4.1.1.3)			
hh3cCfgLogLimitedEntries (1.3.6.1.4.1.25506.2.4.1.1.4)	read-only	No	As per MIB
hh3cCfgLogDeletedEntries (1.3.6.1.4.1.25506.2.4.1.1.5)	read-only	No	As per MIB
hh3cCfgLogWantBackup (1.3.6.1.4.1.25506.2.4.1.1.6)	read-write	No	Available for distributed systems. Always false value for a centralized system.
hh3cCfgFirstTrapTime (1.3.6.1.4.1.25506.2.4.1.1.8)	accessible-f or-notify	No	Not supported

61.1.2 hh3cCfgLogTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.1.7

Name	Access	PDS	Description
hh3cCfgLogIndex (1.3.6.1.4.1.25506.2.4.1.1.7.1.1)	not-accessible	No	As per MIB
hh3cCfgLogTime (1.3.6.1.4.1.25506.2.4.1.1.7.1.2)	read-only	No	As per MIB
hh3cCfgLogSrcCmd (1.3.6.1.4.1.25506.2.4.1.1.7.1.3)	read-only	No	As per MIB
hh3cCfgLogSrcData (1.3.6.1.4.1.25506.2.4.1.1.7.1.4)	read-only	No	As per MIB
hh3cCfgLogDesData (1.3.6.1.4.1.25506.2.4.1.1.7.1.5)	read-only	No	As per MIB
hh3cCfgLogTerminalType (1.3.6.1.4.1.25506.2.4.1.1.7.1.6)	read-only	No	As per MIB
hh3cCfgLogTerminalUser (1.3.6.1.4.1.25506.2.4.1.1.7.1.7)	read-only	No	When users modify configuration through SNMP agent, the value of this instance is the name of the write community. A snmp operation produce two piece

Companion

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

Companion

.16)			
hh3cCfgLogCmdSrcAddrVPN Name(1.3.6.1.4.1.25506.2.4. 1.1.7.1.17)	read-only	No	Not supported
hh3cCfgLogServerAddrType (1.3.6.1.4.1.25506.2.4.1.1.7.1 .18)	read-only	No	Not supported
hh3cCfgLogServerAddrRev (1.3.6.1.4.1.25506.2.4.1.1.7.1 .19)	read-only	No	Not supported
hh3cCfgLogServerAddrVPNN ame(1.3.6.1.4.1.25506.2.4.1. 1.7.1.20)	read-only	No	Not supported

61.2 hh3cCfgOperate group

61.2.1 Scalar objects of hh3cCfgOperate group

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2

Name	Access	PDS	Description
hh3cCfgOperateGlobalEntryL imit (1.3.6.1.4.1.25506.2.4.1.2.1)	read-only	No	As per MIB
hh3cCfgOperateEntryAgeOut Time (1.3.6.1.4.1.25506.2.4.1.2.2)	read-write	No	As per MIB
hh3cCfgOperateResultGlobal EntryLimit (1.3.6.1.4.1.25506.2.4.1.2.3)	read-write	No	As per MIB
hh3cCfgReset (1.3.6.1.4.1.25506.2.4.1.2.7)	read-write	No	As per MIB

61.2.2 hh3cCfgOperateTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.4

Name	Access	PDS	Description
hh3cCfgOperateIndex (1.3.6.1.4.1.25506.2.4.1.2.4.1)	not-accessib le	No	This index can be randomly selected from 1 to

Companion

.1)			2147483647
hh3cCfgOperateType (1.3.6.1.4.1.25506.2.4.1.2.4.1.2)	read-create	No	As per MIB
hh3cCfgOperateProtocol (1.3.6.1.4.1.25506.2.4.1.2.4.1.3)	read-create	No	As per MIB
hh3cCfgOperateFileName (1.3.6.1.4.1.25506.2.4.1.2.4.1.4)	read-create	No	The maximum length of the full file name (including path and file name) is 128.
hh3cCfgOperateServerAddresses (1.3.6.1.4.1.25506.2.4.1.2.4.1.5)	read-create	No	As per MIB
hh3cCfgOperateUserName (1.3.6.1.4.1.25506.2.4.1.2.4.1.6)	read-create	No	When the operation type is running2Net, net2Running, net2Startup or startup2net, the user name for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp. The length of name is no more than 40 characters, and must larger than 0 characters.
hh3cCfgOperateUserPassword (1.3.6.1.4.1.25506.2.4.1.2.4.1.7)	read-create	No	When the operation type is running2Net, net2Running, net2Startup or startup2net, the user password for the ftp server from/to which to download/upload should be specified. The object must be created if hh3cCfgOperateProtocol has the value of ftp. The length of password is no more than 40 characters, and must larger than 0 characters.

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			A zero-length string will be returned when read.
hh3cCfgOperateEndNotificationSwitch (1.3.6.1.4.1.25506.2.4.1.2.4.1.8)	read-create	No	As per MIB
hh3cCfgOperateRowStatus (1.3.6.1.4.1.25506.2.4.1.2.4.1.9)	read-create	No	The status of this table entry. When the status is active all the object's value in the entry is not allowed to modify, except itself. The configuration operation requests which are in progress are not allowed to destroy.
hh3cCfgOperateServerPort (1.3.6.1.4.1.25506.2.4.1.2.4.1.10)	read-create	No	As per MIB
hh3cCfgOperateSrvAddrType (1.3.6.1.4.1.25506.2.4.1.2.4.1.11)	read-create	No	Only support ipv4,ipv6 and dns.
hh3cCfgOperateSrvAddrRev (1.3.6.1.4.1.25506.2.4.1.2.4.1.12)	read-create	No	When the type of address is ipv4,ipv6 or dns;the server address represents different address. when it is ipv4 address,the length of address must be 4 characters; when it is ipv6 address,the length of address must be 16 characters; when it is dns,the length of address is no more than 253 characters and must larger than 0 characters.
hh3cCfgOperateSrvVPNName (1.3.6.1.4.1.25506.2.4.1.2.4.13)	read-create	No	The length of vpn is no more than 31 characters, and must larger than 0 characters.

61.2.3 hh3cCfgOperateResultTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.5

Name	Access	PDS	Description
hh3cCfgOperateResultIndex (1.3.6.1.4.1.25506.2.4.1.2.5.1.1)	not-accessible	No	As per MIB
hh3cCfgOperateResultOptIndex (1.3.6.1.4.1.25506.2.4.1.2.5.1.2)	read-only	No	As per MIB
hh3cCfgOperateResultOpType (1.3.6.1.4.1.25506.2.4.1.2.5.1.3)	read-only	No	As per MIB
hh3cCfgOperateState (1.3.6.1.4.1.25506.2.4.1.2.5.1.4)	read-only	No	The operation result of the hh3cCfgOperateTable. The signification of opFileOpenError(13) is: invalid file name; file not found in partition; access violation.
hh3cCfgOperateTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.5)	read-only	No	As per MIB
hh3cCfgOperateEndTime (1.3.6.1.4.1.25506.2.4.1.2.5.1.6)	read-only	No	As per MIB
hh3cCfgOperFailReason (1.3.6.1.4.1.25506.2.4.1.2.5.1.7)	read-only	No	As per MIB

61.2.4 Scalar objects of hh3cCfgExecuteOperate group

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.6

Name	Access	PDS	Description
hh3cCfgExecuteOperateResultEntryLimit (1.3.6.1.4.1.25506.2.4.1.2.6.1)	read-write	No	As per MIB

Companion

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61.2.5 hh3cCfgExecuteResultTable

OID of this table is: 1.3.6.1.4.1.25506.2.4.1.2.6.2

Name	Access	PDS	Description
hh3cCfgExecuteResultIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.1)	not-accessible	No	As per MIB
hh3cCfgExecuteResultOptIndex (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.2)	read-only	No	As per MIB
hh3cCfgExecuteResultOpType (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.3)	read-only	No	As per MIB
hh3cCfgExecuteState (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.4)	read-only	No	As per MIB
hh3cCfgExecuteTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.5)	read-only	No	As per MIB
hh3cCfgExecuteEndTime (1.3.6.1.4.1.25506.2.4.1.2.6.2.1.6)	read-only	No	As per MIB

62 HH3C-DLDP2-MIB

62.1 hh3cDldp2ScalarGroup

OID of this table is: 1.3.6.1.4.1.25506.2.117.1

Name	Access	PDS	Description
hh3cDldp2GlobalEnable (1.3.6.1.4.1.25506.2.117.1.1)	read-write	Current	As per MIB

Companion

hh3cDldp2Interval (1.3.6.1.4.1.25506.2.117.1.2)	read-write	Current	As per MIB
hh3cDldp2AuthMode (1.3.6.1.4.1.25506.2.117.1.3)	read-write	Current	As per MIB
hh3cDldp2AuthPassword (1.3.6.1.4.1.25506.2.117.1.4)	read-write	Current	As per MIB
hh3cDldp2UniShutdown (1.3.6.1.4.1.25506.2.117.1.5)	read-write	Current	As per MIB

62.2 hh3cDldp2PortConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.1

Name	Access	PDS	Description
hh3cDldp2PortEnable (1.3.6.1.4.1.25506.2.117.2.1.1)	read-write	Current	As per MIB

62.3 hh3cDldp2PortStatusTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.2

Name	Access	PDS	Description
hh3cDldp2PortOperStatus (1.3.6.1.4.1.25506.2.117.2.2.1)	read-only	No	As per MIB
hh3cDldp2PortLinkStatus (1.3.6.1.4.1.25506.2.117.2.2.1.2)	read-only	No	As per MIB

62.4 hh3cDldp2NeighborTable

OID of this table is: 1.3.6.1.4.1.25506.2.117.2.3

Name	Access	PDS	Description
hh3cDldp2NeighborBridgeMa c (1.3.6.1.4.1.25506.2.117.2.3.1.1)	not-accessible	No	As per MIB

Companion

hh3cDldp2NeighborPortIndex (1.3.6.1.4.1.25506.2.117.2.3.1.2)	not-accessible	No	As per MIB
hh3cDldp2NeighborStatus (1.3.6.1.4.1.25506.2.117.2.3.1.3)	read-only	No	As per MIB
hh3cDldp2NeighborAgingTime (1.3.6.1.4.1.25506.2.117.2.3.1.4)	read-only	No	As per MIB

63 HH3C-DNS-MIB

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

63.1 hh3cDnsStaticSrvIpTable

OID of this table is: 1.3.6.1.4.1.25506.2.97.1.1

Name	Access	PDS	Description
hh3cDnsStaticSrvIpType (1.3.6.1.4.1.25506.2.97.1.1.1.1)	not-accessible	No	As per MIB.
hh3cDnsStaticSrvIpAddr (1.3.6.1.4.1.25506.2.97.1.1.1.2)	not-accessible	No	As per MIB.
hh3cDnsStaticSrvIpPriority (1.3.6.1.4.1.25506.2.97.1.1.1.3)	read-only	No	As per MIB.
hh3cDnsStaticSrvIpRowStatus (1.3.6.1.4.1.25506.2.97.1.1.1.4)	read-create	No	As per MIB.

63.2 hh3cDnsDynamicSrvIpTable

OID of this table is: 1.3.6.1.4.1.25506.2.97.1.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cDnsDynamicSrvIpType (1.3.6.1.4.1.25506.2.97.1.2.1.1)	not-accessible	No	As per MIB
hh3cDnsDynamicSrvIpAddr (1.3.6.1.4.1.25506.2.97.1.2.1.2)	not-accessible	No	As per MIB
hh3cDnsDynamicSrvIpPriority (1.3.6.1.4.1.25506.2.97.1.2.1.3)	read-only	No	As per MIB

64 HH3C-DOMAIN-MIB

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

64.1 Scalar objects

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

64.2 hh3cDomainInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.1

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

Companion

Name	Access	PDS	Description
hh3cDomainMaxAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.3)	read-create	Current	Range from 0 to 2147483646, If the value is set to 0, the access limit will be disabled
hh3cDomainVlanAssignMode (1.3.6.1.4.1.25506.2.46.2.1.1.4)	read-create	Current	Not supported
hh3cDomainIdleCutEnable (1.3.6.1.4.1.25506.2.46.2.1.1.5)	read-create	Current	Not supported
hh3cDomainIdleCutMaxTime (1.3.6.1.4.1.25506.2.46.2.1.1.6)	read-create	Current	Not supported
hh3cDomainIdleCutMinFlow (1.3.6.1.4.1.25506.2.46.2.1.1.7)	read-create	Current	Not supported
hh3cDomainMessengerEnable (1.3.6.1.4.1.25506.2.46.2.1.1.8)	read-create	Current	Not supported
hh3cDomainMessengerLimitTime (1.3.6.1.4.1.25506.2.46.2.1.1.9)	read-create	Current	Not supported
hh3cDomainMessengerSpanTime (1.3.6.1.4.1.25506.2.46.2.1.1.10)	read-create	Current	Not supported
hh3cDomainSelfServiceEnable (1.3.6.1.4.1.25506.2.46.2.1.1.11)	read-create	Current	Not supported
hh3cDomainSelfServiceURL (1.3.6.1.4.1.25506.2.46.2.1.1.12)	read-create	Current	Not supported
hh3cDomainAccFailureAction (1.3.6.1.4.1.25506.2.46.2.1.1.13)	read-create	Current	Not supported
hh3cDomainRowStatus (1.3.6.1.4.1.25506.2.46.2.1.1.14)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cDomainCurrentAccessNum (1.3.6.1.4.1.25506.2.46.2.1.1.15)	read-only	Current	As per MIB
hh3cDomainIdleCutTime (1.3.6.1.4.1.25506.2.46.2.1.1.16)	read-only	Current	Not supported

64.3 hh3cDomainSchemeTable

OID of this table is: 1.3.6.1.4.1.25506.2.46.2.2

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

hh3cDomainSchemeMode

hh3cDomainSchemeAAAType

hh3cDomainSchemeAAAName

hh3cDomainSchemeAccessMode

- 3) when create a new row, the following object must be specified,

hh3cDomainSchemeMode

hh3cDomainSchemeRowStatus

hh3cDomainSchemeAAAType

hh3cDomainSchemeAAAName

hh3cDomainSchemeAccessMode

Name	Access	PDS	Description
hh3cDomainSchemeIndex (1.3.6.1.4.1.25506.2.46.2.2.1.1)	not-accessible	No	As per MIB
hh3cDomainSchemeMode (1.3.6.1.4.1.25506.2.46.2.2.1.2)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cDomainAuthSchemeName (1.3.6.1.4.1.25506.2.46.2.2.1.3)	read-create	Current	Not supported and the value will be ignored
hh3cDomainAcctSchemeName (1.3.6.1.4.1.25506.2.46.2.2.1.4)	read-create	Current	Not supported and the value will be ignored
hh3cDomainSchemeRowStatus (1.3.6.1.4.1.25506.2.46.2.2.1.5)	read-create	Current	As per MIB
hh3cDomainSchemeAAAType (1.3.6.1.4.1.25506.2.46.2.2.1.6)	read-create	Current	As per MIB
hh3cDomainSchemeAAAName (1.3.6.1.4.1.25506.2.46.2.2.1.7)	read-create	Current	If hh3cDomainSchemeMode is radius or tacacs or ldap then the value of hh3cDomainSchemeAAAName must be valid scheme name, if the hh3cDomainSchemeMode is none or local, the value of hh3cDomainSchemeAAAName will be a null string.
hh3cDomainSchemeAccessMode (1.3.6.1.4.1.25506.2.46.2.2.1.8)	read-create	Current	Only support 'default'

65 HH3C-ENTITY-EXT-MIB

The ENTITY-MIB should be supported before implementing this MIB.

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

65.1 hh3cEntityExtStateTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.1.1

Name	Access	PDS	Description
hh3cEntityExtPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.1.1.1) .1)	accessible-f or-notify	No	The index of the table, the same as the entPhysicalIndex defined in ENTITY-MIB.
hh3cEntityExtAdminStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.2) .2)	read-write	No	notSupported(1) and shuttingDown(3) can not be set
hh3cEntityExtOperStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.3) .3)	read-only	No	Represent the possible values of operational states. A value of disabled means the entity goes wrong, and cannot be operated. A value of enabled means the entity is partially or fully operable.
hh3cEntityExtStandbyStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.4) .4)	read-only	No	As per MIB
hh3cEntityExtAlarmLight (1.3.6.1.4.1.25506.2.6.1.1.1.1.5) .5)	read-only	No	Not supported
hh3cEntityExtCpuUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.6) .6)	read-only	No	As per MIB
hh3cEntityExtCpuUsageThre shold (1.3.6.1.4.1.25506.2.6.1.1.1.1.7) .7)	read-write	No	As per MIB
hh3cEntityExtMemUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.8) .8)	read-only	No	As per MIB
hh3cEntityExtMemUsageThr eshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.9) .9)	read-write	No	As per MIB
hh3cEntityExtMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.10) .10)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cEntityExtUpTime (1.3.6.1.4.1.25506.2.6.1.1.1.1.11)	read-only	No	As per MIB
hh3cEntityExtTemperature (1.3.6.1.4.1.25506.2.6.1.1.1.1.12)	read-only	No	The invalid value is 65535.
hh3cEntityExtTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.13)	read-write	No	The invalid value is 65535.
hh3cEntityExtVoltage (1.3.6.1.4.1.25506.2.6.1.1.1.1.14)	read-only	No	Refer to the part 'Relationship between entity and extend property'
hh3cEntityExtVoltageLowThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.15)	read-write	No	Not supported
hh3cEntityExtVoltageHighThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.16)	read-write	No	Not supported
hh3cEntityExtCriticalTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.17)	read-write	No	Refer to the part 'Relationship between entity and extend property'
hh3cEntityExtMacAddress (1.3.6.1.4.1.25506.2.6.1.1.1.1.18)	read-only	No	When the entity is stack, hh3cEntityExtMacAddress displays BridgeMacAddress. When the entity is unit, hh3cEntityExtMacAddress displays UnitMac. When the entity does not support hh3cEntityExtMacAddress, hh3cEntityExtMacAddress displays "00.00.00.00.00.00"
hh3cEntityExtErrorStatus (1.3.6.1.4.1.25506.2.6.1.1.1.1.19)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cEntityExtCpuMaxUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.20)	read-only	No	The maximal CPU usage for the entity in the last one minutes
hh3cEntityExtLowerTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.21)	read-write	No	Not supported
hh3cEntityExtShutdownTemperatureThreshold (1.3.6.1.4.1.25506.2.6.1.1.1.1.22)	read-write	No	Not supported
hh3cEntityExtPhyMemSize (1.3.6.1.4.1.25506.2.6.1.1.1.1.23)	read-only	No	As per MIB
hh3cEntityExtPhyCpuFrequency (1.3.6.1.4.1.25506.2.6.1.1.1.1.24)	read-only	No	As per MIB
hh3cEntityExtFirstUsedDate (1.3.6.1.4.1.25506.2.6.1.1.1.1.25)	read-only	No	As per MIB
hh3cEntityExtCpuAvgUsage, (1.3.6.1.4.1.25506.2.6.1.1.1.1.26)	read-only	No	As per MIB
hh3cEntityExtMemAvgUsage (1.3.6.1.4.1.25506.2.6.1.1.1.1.27)	read-only	No	As per MIB
hh3cEntityExtMemType (1.3.6.1.4.1.25506.2.6.1.1.1.1.28)	read-only	No	As per MIB
hh3cEntityExtCriticalLowerTemperatureThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.29)	read-write	No	Not supported
hh3cEntityExtShutdownLowerTemperatureThreshold(1.3.6.1.4.1.25506.2.6.1.1.1.1.30)	read-write	No	Not supported
hh3cEntityExtMemSizeRev(1.3.6.1.4.1.25506.2.6.1.1.1.1.31)	read-only	No	As per MIB

65.2 hh3cEntityExtManuTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.2.1

Name	Access	PDS	Description
hh3cEntityExtManuPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.2.1.1.1)	accessible-for-notify	No	As per MIB
hh3cEntityExtManuSerialNum (1.3.6.1.4.1.25506.2.6.1.2.1.1.2)	read-only	No	As per MIB
hh3cEntityExtManuBuildInfo (1.3.6.1.4.1.25506.2.6.1.2.1.1.3)	read-only	No	As per MIB
hh3cEntityExtManuBOM (1.3.6.1.4.1.25506.2.6.1.2.1.1.4)	read-only	No	As per MIB
hh3cEntityExtMacAddressCount (1.3.6.1.4.1.25506.2.6.1.2.1.1.5)	read-only	No	As per MIB

65.3 hh3cEntityExtPowerTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.3.1

Name	Access	PDS	Description
hh3cEntityExtPowerPhysicalIndex (1.3.6.1.4.1.25506.2.6.1.3.1.1.1)	accessible-for-notify	Yes	Not supported
hh3cEntityExtNominalPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.2)	read-only	Yes	Not supported
hh3cEntityExtCurrentPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.3)	read-only	Yes	As per MIB
hh3cEntityExtAveragePower (1.3.6.1.4.1.25506.2.6.1.3.1.1.4)	read-write	No	Not supported

Companion

Name	Access	PDS	Description
hh3cEntityExtPeakPower (1.3.6.1.4.1.25506.2.6.1.3.1.1.5)	read-write	No	Not supported

65.4 hh3cProcessTable

OID of this table is: 1.3.6.1.4.1.25506.2.6.1.4.1

Name	Access	PDS	Description
hh3cProcessID (1.3.6.1.4.1.25506.2.6.1.4.1.1.1)	read-only	Yes	As per MIB
hh3cProcessName (1.3.6.1.4.1.25506.2.6.1.4.1.1.2)	read-only	Yes	As per MIB
hh3cProcessUtil5Min (1.3.6.1.4.1.25506.2.6.1.4.1.1.3)	read-only	Yes	As per MIB

65.5 Relationship between entity and extend property

The relationship between entity and extend property for HPE 5900&5920&5930

Switch products is listed below. In these tables, stack stands for fabric, chassis stands for unit, and container stands for slot or sub-slot, module stands for board or sub-card.

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

Companion

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

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

entity	hh3cEntityExtAlarmLight (R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	No
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtCpuUsage (R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes(the module which has cpu, and only support the Module Level1)
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtCpuUsageThreshold (R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes(the module which has cpu, and only support the Module Level1)
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtMemUsage (R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No

Companion

entity	hh3cEntityExtMemUsage (R)
module	Yes(the module which has memory, and only support the Module Level1)
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtMemUsageThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes(the module which has memory, and only support the Module Level1)
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtMemSize (R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	Yes(the module which has memory, and only support the Module Level1)
port	No
stack	No
other	No
unknown	No

Companion

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

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

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

entity	hh3cEntityExtVoltage(R)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	No
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtVoltageLowThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	No
port	No
stack	No
other	No
unknown	No

entity	hh3cEntityExtVoltageHighThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	No
module	No
port	No
stack	No

Companion

entity	hh3cEntityExtVoltageHighThreshold(R/W)
other	No
unknown	No

entity	hh3cEntityExtCriticalTemperatureThreshold(R/W)
chassis	No
backplane	No
container	No
powerSupply	No
fan	No
sensor	Yes
module	No
port	No
stack	No
other	No
unknown	No

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

entity	hh3cEntityExtErrorStatus (R)
chassis	No
backplane	No
container	No
powerSupply	Yes
fan	Yes

Companion

entity	hh3cEntityExtErrorStatus (R)
sensor	Yes
module	No
port	Yes
stack	No
other	No
unknown	No

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

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

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

Companion

entity	hh3cEntityExtMacAddressCount (R)
sensor	No
module	Yes
port	No
cpu	No

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

66 HH3C-ENTRELATION-MIB

66.1 hh3cEntRelationTable

OID of this table is: 1.3.6.1.4.1.25506.2.15.1.1.1

Name	Access	PDS	Description
hh3cEntRelationType (1.3.6.1.4.1.25506.2.15.1.1.1.1)	not-accessible	No	Only support the relation of Combo.
hh3cEntityIndex (1.3.6.1.4.1.25506.2.15.1.1.1.1.2)	not-accessible	No	The entity is a default combo port. The value of it equals to one of the entPhysicalIndex.
hh3cRelatedEntityIndex (1.3.6.1.4.1.25506.2.15.1.1.1.1.3)	read-only	No	Not supported

67 HH3C-EVB-MIB

EVB management information base for managing devices that support Ethernet Virtual Bridging. This MIB is an extension of IEEE8021-EVB-MIB.

67.1 Scalar Objects

Name	Access	PDS	Description
hh3cEvbSetResult(1.3.6.1.4.1.25506.2.134.1.1)	read-only	Current	As per MIB

67.2 hh3cEvbDefaultManagerTable

Note: hh3cEvbManagerType must be set when creating a new instance of this table, hh3cEvbManagerID and hh3cEvbManagerPort must be deleted when creating a new instance of this table if hh3cEvbManagerType is 'local', hh3cEvbManagerID should be set simultaneity when creating if hh3cEvbManagerType is 'ipv4/ipv6' or 'name'. hh3cEvbManagerID must be set if turning hh3cEvbManagerType to 'ipv4/ipv6/name'. If hh3cEvbManagerType is 'local', hh3cEvbManagerID becomes zero-length string automatically, and hh3cEvbManagerPort becomes default value, which can't be modified.

OID of this table is: 1.3.6.1.4.1.25506.2.134.1.2

Name	Access	PDS	Description
hh3cEvbManagerIndex(1.3.6.1.4.1.25506.2.134.1.2.1.1)	not-accessible	Current	The value is always 1
hh3cEvbManagerType(1.3.6.1.4.1.25506.2.134.1.2.1.2)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cEvbManagerID(1.3.6.1.4.1.25506.2.134.1.2.1.3)	read-crea e	Current	As per MIB
hh3cEvbManagerPort(1.3.6.1.4.1.25506.2.134.1.2.1.4)	read-crea e	Current	As per MIB
hh3cEvbManagerRowSt atus (1.3.6.1.4.1.25506.2.134.1.2.1.5)	read-crea e	Current	As per MIB

67.3 hh3cEvbPortConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.134.2.1

Name	Access	PDS	Description
hh3cEvbPortNumber(1.3.6.1.4.1.25506.2.134.2.1.1.1)	not-access ible	Current	As per MIB
hh3cEvbRWD(1.3.6.1.4.1.25506.2.134.2.1.1.2)	read- write	Current	As per MIB
hh3cEvbRKA(1.3.6.1.4.1.25506.2.134.2.1.1.3)	read- write	Current	As per MIB

67.4 hh3cEvbSchannelConfigTable

Note: When creating a new instance of this table , if the value of hh3cEvbSchannelSVLAN is 0 that specifies SVLAN of the S-channel will be binded automatically. hh3cEvbSchannelSVLAN of the new instance,which is going to be created,must not be occupied by other s-channels of the same EVB port.hh3cEvbMacLearningStatus and hh3cEvbRRStatus will be deleted when creating a new instance.

OID of this table is: 1.3.6.1.4.1.25506.2.134.2.2

Companion

Name	Access	PDS	Description
hh3cEvbSchannelID(1.3.6.1.4.1.25506.2.134.2.2.1.1)	not-accessible	Current	Range from 1 to 167, and an additional value 4094.
hh3cEvbSchannelSVLAN(1.3.6.1.4.1.25506.2.134.2.2.1.2)	read-create	Current	Can not be modified after creation
hh3cEvbMacLearningStatus(1.3.6.1.4.1.25506.2.134.2.2.1.3)	read-write	Current	As per MIB
hh3cEvbRRRStatus(1.3.6.1.4.1.25506.2.134.2.2.1.4)	read-write	Current	As per MIB
hh3cEvbSchannelRowStatus(1.3.6.1.4.1.25506.2.134.2.2.1.5)	read-create	Current	As per MIB

67.5 hh3cEvbVSIconfigTable

Note: hh3cEvbVSIconmand must be set while hh3cEvbVSIIsActive can't be set when creating a new instance of this table. When the VSI has filter information, hh3cEvbVSIIsActive can be set true.

OID of this table is: 1.3.6.1.4.1.25506.2.134.2.3

Name	Access	PDS	Description
hh3cEvbSBPPortNumber(1.3.6.1.4.1.25506.2.134.2.3.1.1)	not-accessible	Current	As per MIB
hh3cEvbVSILocalID(1.3.6.1.4.1.25506.2.134.2.3.1.2)	not-accessible	Current	Range from 0 to 1023
hh3cEvbVSIconmand(1.3.6.1.4.1.25506.2.134.2.3.1.3)	read-create	Current	The value of this object is preAssociate(1) or associate(3)

Companion

Name	Access	PDS	Description
hh3cEvbVSIIfIndex(1.3.6.1.4.1.25506.2.134.2.3.1.4)	read-only	Current	As per MIB
hh3cEvbVSIIsActive(1.3.6.1.4.1.25506.2.134.2.3.1.5)	read-write	Current	As per MIB
hh3cEvbVSIRowStatus(1.3.6.1.4.1.25506.2.134.2.3.1.6)	read-creat e	Current	As per MIB

67.6 hh3cEvbVSIFilterConfigTable

Note: If wishing the filter information of this table to delete, the object of hh3cEvbVSIIsActive in hh3cEvbVSIFilterConfigTable should be set false at first.

OID of this table is: 1.3.6.1.4.1.25506.2.134.2.4

Name	Access	PDS	Description
hh3cEvbGroupID(1.3.6.1.4.1.25506.2.134.2.4.1.1)	not-access ibl	Curre nt	As per MIB
hh3cEvbVSIMac(1.3.6.1.4.1.25506.2.134.2.4.1.2)	not-access ibl	Curre nt	As per MIB
hh3cEvbVSIvlanId(1.3.6.1.4.1.25506.2.134.2.4.1.3)	not-access ibl	Curre nt	As per MIB
hh3cEvbVSIRowStatus(1.3.6.1.4.1.25506.2.134.2.4.1.4)	read-creat e	Curre nt	As per MIB

68 HH3C-EVC-MIB

68.1 hh3cEvcScalarGroup

OID of this table is: 1.3.6.1.4.1.25506.2.106.1.1

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cEvcSrvInstEncapCapabilities (1.3.6.1.4.1.25506.2.106.1.1.1)	read-only	Current	As per MIB
hh3cEvcPortMaxSrvInstNum (1.3.6.1.4.1.25506.2.106.1.1.2)	read-only	Current	As per MIB

68.2 hh3cEvcSrvInstTable

OID of this table is: 1.3.6.1.4.1.25506.2.106.1.2

Name	Access	PDS	Description
hh3cEvcSrvInstId (1.3.6.1.4.1.25506.2.106.1.2.1.1)	not-accessible	Current	As per MIB
hh3cEvcSrvInstEncap (1.3.6.1.4.1.25506.2.106.1.2.1.2)	read-create	Current	As per MIB
hh3cEvcSrvInstSvlanIdListLow (1.3.6.1.4.1.25506.2.106.1.2.1.3)	read-create	Current	As per MIB
hh3cEvcSrvInstSvlanIdListHigh (1.3.6.1.4.1.25506.2.106.1.2.1.4)	read-create	Current	As per MIB
hh3cEvcSrvInstRowStatus (1.3.6.1.4.1.25506.2.106.1.2.1.5)	read-create	Current	Only support createAndGo(4) and destroy(6)
hh3cEvcSrvInstEnableInStat (1.3.6.1.4.1.25506.2.106.1.2.1.6)	read-create	Current	Only support read operation
hh3cEvcSrvInstEnableOutStat (1.3.6.1.4.1.25506.2.106.1.2.1.7)	read-create	Current	Only support read operation
hh3cEvcSrvInstCvlanIdListLow (1.3.6.1.4.1.25506.2.106.1.2.1.8)	read-create	Current	As per MIB

Companion

hh3cEvcSrvInstCvlanIdListHigh (1.3.6.1.4.1.25506.2.106.1.2.1.9)	read-create	Current	As per MIB
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68.3 hh3cEvcSrvInstCarTable

OID of this table is: 1.3.6.1.4.1.25506.2.106.1.3

Name	Access	PDS	Description
hh3cEvcSrvInstInCarIndex (1.3.6.1.4.1.25506.2.106.1.3.1.1)	read-write	Current	Only support read operation
hh3cEvcSrvInstOutCarIndex (1.3.6.1.4.1.25506.2.106.1.3.1.2)	read-write	Current	Only support read operation

69 HH3C-FC-FLOGIN-MIB

The HH3C-FC-FLOGIN-MIB is for representing fabric login information.

69.1 hh3cFcFLoginTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.3.1.1

Name	Access	PDS	Description
hh3cFcFLoginIndex (1.3.6.1.4.1.25506.2.127.3.1.1.1)	not-accessible	No	As per MIB
hh3cFcFLoginPortNodeWWN (1.3.6.1.4.1.25506.2.127.3.1.1.1.2)	read-only	No	As per MIB
hh3cFcFLoginPortWWN (1.3.6.1.4.1.25506.2.127.3.1.1.1.3)	read-only	No	As per MIB
hh3cFcFLoginPortFcid (1.3.6.1.4.1.25506.2.127.3.1.1.1.4)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cFcFLoginRxBbCredit (1.3.6.1.4.1.25506.2.127.3.1.1.1.5)	read-only	No	As per MIB
hh3cFcFLoginTxBbCredit (1.3.6.1.4.1.25506.2.127.3.1.1.1.6)	read-only	No	As per MIB
hh3cFcFLoginClass2RxMTU (1.3.6.1.4.1.25506.2.127.3.1.1.1.7)	read-only	No	As per MIB
hh3cFcFLoginClass3RxMTU (1.3.6.1.4.1.25506.2.127.3.1.1.1.8)	read-only	No	As per MIB
hh3cFcFLoginSuppClassRequested (1.3.6.1.4.1.25506.2.127.3.1.1.1.9)	read-only	No	Only support class2(2)、class3(3)
hh3cFcFLoginClass2ReqAgreed (1.3.6.1.4.1.25506.2.127.3.1.1.1.10)	read-only	No	As per MIB
hh3cFcFLoginClass3ReqAgreed (1.3.6.1.4.1.25506.2.127.3.1.1.1.11)	read-only	No	As per MIB

70 HH3C-FC-PING-MIB

The HH3C-FC-PING-MIB is for the management of the Fibre Channel Ping functionality.

70.1 hh3cFcPingTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.5.1.1.1

Name	Access	PDS	Description
hh3cFcPingIndex (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.1)	accessible-f or-notify	No	As per MIB
hh3cFcPingVsan (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.2)	read-create	No	Only support value from 1 to 3839

Companion

Name	Access	PDS	Description
hh3cFcPingAddressType (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.3)	read-create	No	Only support value fcid(2)
hh3cFcPingAddress (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.4)	read-create	No	The range of address is 0x010000 to 0xfffff.
hh3cFcPingPacketCount (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.5)	read-create	No	As per MIB
hh3cFcPingPayLoadSize (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.6)	read-only	No	As per MIB
hh3cFcPingTimeout (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.7)	read-create	No	As per MIB
hh3cFcPingDelay (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.8)	read-only	No	As per MIB
hh3cFcPingAgeInterval (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.9)	read-create	No	As per MIB
hh3cFcPingAdminStatus (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.10)	read-create	No	As per MIB
hh3cFcPingOperStatus (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.11)	read-only	No	As per MIB
hh3cFcPingTrapOnCompletion (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.12)	read-create	No	As per MIB
hh3cFcPingRowStatus (1.3.6.1.4.1.25506.2.127.5.1.1.1.1.13)	read-create	No	As per MIB

70.2 hh3cFcPingStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.5.1.2.1

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cFcPingReqPackets (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.1)	read-only	No	As per MIB
hh3cFcPingResPackets (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.2)	read-only	No	As per MIB
hh3cFcPingMinTime (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.3)	read-only	No	As per MIB
hh3cFcPingAverageTime (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.4)	read-only	No	As per MIB
hh3cFcPingMaxTime (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.5)	read-only	No	As per MIB
hh3cFcPingTimeoutNum (1.3.6.1.4.1.25506.2.127.5.1.2.1.1.6)	read-only	No	As per MIB

71 HH3C-FC-TRACE-ROUTE-MIB

The HH3C-FC-TRACE-ROUTE-MIB is for the management of the Fibre Channel Trace Route functionality.

71.1 hh3cFcTraceRouteTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.4.1.1.1

Name	Access	PDS	Description
hh3cFcTraceRouteIndex (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.1)	accessible-f or-notify	No	As per MIB
hh3cFcTraceRouteVsan (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.2)	read-create	No	Only support value from 1 to 3839
hh3cFcTraceRouteAddressType (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.3)	read-create	No	Only support value fcid(2)

Companion

Name	Access	PDS	Description
hh3cFcTraceRouteAddress (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.4)	read-create	No	The range of address is 0x010000 to 0xefffff and 0xfffc01 to 0xfffc0f.
hh3cFcTraceRouteTimeout (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.5)	read-create	No	As per MIB
hh3cFcTraceRouteAdminStatus (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.6)	read-create	No	If this object is set to 'enable', a trace route test will be executed. During this time, set this object to 'disable', and read it, a value of 'enable' will be returned. When the test completes, a value of 'disable' will be returned. But If not set this object to 'disable' during the test, a value of 'enable' will be returned after test completes.
hh3cFcTraceRouteOperStatus (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.7)	read-only	No	As per MIB
hh3cFcTraceRouteAgeInterval (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.8)	read-create	No	As per MIB
hh3cFcTraceRouteTrapOnCompletion (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.9)	read-create	No	As per MIB
hh3cFcTraceRouteRowStatus (1.3.6.1.4.1.25506.2.127.4.1.1.1.1.10)	read-create	No	As per MIB

71.2 hh3cFcTraceRouteHopsTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.4.1.2.1

Name	Access	PDS	Description
hh3cFcTraceRouteHopsIndex (1.3.6.1.4.1.25506.2.127.4.1.2.1.1.1)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cFcTraceRouteHopsAddr (1.3.6.1.4.1.25506.2.127.4.1.2.1.1.2)	read-only	No	As per MIB

72 HH3C-FCOE-MIB

A switch operating in NPV mode does not support this MIB.

72.1 hh3cFCoECfgTable

OID of this table is: 1.3.6.1.4.1.25506.2.120.1.1.1

Name	Access	PDS	Description
hh3cFCoECfgFcmmap (1.3.6.1.4.1.25506.2.120.1.1.1.1.1)	read-write	Current	As per MIB
hh3cFCoECfgDynamicVfcCreation (1.3.6.1.4.1.25506.2.120.1.1.1.1.2)	read-write	Current	This value is always false(1)
hh3cFCoECfgDefaultFCFPriority (1.3.6.1.4.1.25506.2.120.1.1.1.1.3)	read-write	Current	As per MIB
hh3cFCoECfgDATov (1.3.6.1.4.1.25506.2.120.1.1.1.1.4)	read-write	Current	As per MIB
hh3cFCoECfgAddressingMode (1.3.6.1.4.1.25506.2.120.1.1.1.1.5)	read-write	Current	This value is always fpm(1)

72.2 hh3cFCoEVLANTable

OID of this table is: 1.3.6.1.4.1.25506.2.120.1.1.2

Name	Access	PDS	Description
hh3cFCoEVLANIndex (1.3.6.1.4.1.25506.2.120.1.1.2.1.1)	not-accessible	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cFCoEFabricIndex (1.3.6.1.4.1.25506.2.120.1.1.2.1.2)	not-accessible	Current	Only support value from 1 to 3839.
hh3cFCoEVLANOperState (1.3.6.1.4.1.25506.2.120.1.1.2.1.3)	read-only	Current	Indicates whether the VSAN-VLAN mapping is valid. This value is up when the VSAN exists, and is down when the VSAN does not exist.
hh3cFCoEVLANRowStatus (1.3.6.1.4.1.25506.2.120.1.1.2.1.4)	read-create	No	Only supports value createandgo,createandwait,destroy

72.3 hh3cFCoEStaticVfcTable

OID of this table is: 1.3.6.1.4.1.25506.2.120.1.1.3

Name	Access	PDS	Description
hh3cFCoEStaticVfcIndex (1.3.6.1.4.1.25506.2.120.1.1.3.1.1)	not-accessible	No	The range is 1-1024.
hh3cFCoEStaticVfcFCFPriority (1.3.6.1.4.1.25506.2.120.1.1.3.1.2)	read-create	Current	FCF priority
hh3cFCoEStaticVfcBindType (1.3.6.1.4.1.25506.2.120.1.1.3.1.3)	read-create	Current	Defines the different methods(directly connected via one of the local Ethernet interfaces or Matching MAC Address) to identify an ENode or remote-FCF associated with local FCF
hh3cFCoEStaticVfcBindIfIndex (1.3.6.1.4.1.25506.2.120.1.1.3.1.4)	read-create	Current	The ifIndex of Ethernet interface
hh3cFCoEStaticVfcBindMAC Address (1.3.6.1.4.1.25506.2.120.1.1.3.1.5)	read-create	Current	The MAC address of a ENode or remote-FCF

Companion

Name	Access	PDS	Description
hh3cFCoEStaticVfcIfIndex (1.3.6.1.4.1.25506.2.120.1.1.3.1.6)	read-only	Current	The ifIndex of this VFC interface
hh3cFCoEStaticVfcCreationTime (1.3.6.1.4.1.25506.2.120.1.1.3.1.7)	read-only	Current	The timestamp of this entry's creation time
hh3cFCoEStaticVfcFailureCause (1.3.6.1.4.1.25506.2.120.1.1.3.1.8)	read-only	Current	The cause of failure for the last bind operation
hh3cFCoEStaticVfcRowStatus (1.3.6.1.4.1.25506.2.120.1.1.3.1.9)	read-create	No	Only supports value createandgo,createandwait,destroy

73 HH3C-FCOE-MODE-MIB

The HH3C-FCOE-MODE-MIB is for configuring and monitoring the working mode of FCoE (Fibre Channel over Ethernet) features.

73.1 Scalar Objects

Name	Access	PDS	Description
hh3cFcoeModeCfgMode (1.3.6.1.4.1.25506.2.135.1.1)	read-write	Current	As per MIB
hh3cFcoeModeCfgLastResult (1.3.6.1.4.1.25506.2.135.1.2)	read-only	No	As per MIB

74 HH3C-FDMI-MIB

This MIB module is for monitoring Fabric Device Management Interface (FDMI) related entities.

74.1 hh3cFdmIHbaInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.7.1.1.1

Name	Access	PDS	Description
hh3cFdmIHbaInfoFabricIndex (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.1)	not-accessible	No	As per MIB
hh3cFdmIHbaInfoFold (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.2)	not-accessible	No	As per MIB
hh3cFdmIHbaInfoNodeName (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.3)	read-only	No	As per MIB
hh3cFdmIHbaInfoMfg (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.4)	read-only	No	As per MIB
hh3cFdmIHbaInfoSn (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.5)	read-only	No	As per MIB
hh3cFdmIHbaInfoModel (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.6)	read-only	No	As per MIB
hh3cFdmIHbaInfoModelDescr (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.7)	read-only	No	As per MIB
hh3cFdmIHbaInfoHwVer (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.8)	read-only	No	As per MIB
hh3cFdmIHbaInfoDriverVer (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.9)	read-only	No	As per MIB
hh3cFdmIHbaInfoOptROMVer (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.10)	read-only	No	As per MIB
hh3cFdmIHbaInfoFwVer (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.11)	read-only	No	As per MIB
hh3cFdmIHbaInfoOSInfo (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.12)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cFdmIHbaInfoMaxCTPayload (1.3.6.1.4.1.25506.2.127.7.1.1.1.1.13)	read-only	No	As per MIB

74.2 hh3cFdmIHbaPortTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.7.1.1.2

Name	Access	PDS	Description
hh3cFdmIHbaPortId (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.1)	not-accessible	No	As per MIB
hh3cFdmIHbaPortSupportedFC4Type (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.2)	read-only	No	As per MIB
hh3cFdmIHbaPortSupportedSpeed (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.3)	read-only	No	As per MIB
hh3cFdmIHbaPortCurrentSpeed (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.4)	read-only	No	As per MIB
hh3cFdmIHbaPortMaxFrameSize (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.5)	read-only	No	As per MIB
hh3cFdmIHbaPortOsDevName (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.6)	read-only	No	As per MIB
hh3cFdmIHbaPortHostName (1.3.6.1.4.1.25506.2.127.7.1.1.2.1.7)	read-only	No	As per MIB

75 HH3C-FLASH-MAN-MIB

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

75.1 Scalar objects

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

75.2 hh3cFlashTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.2

Name	Access	PDS	Description
hh3cFlhIndex (1.3.6.1.4.1.25506.2.5.1.1.2.1.1)	read-only	No	As per MIB
hh3cFlhSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.2)	read-only	No	As per MIB
hh3cFlhPos (1.3.6.1.4.1.25506.2.5.1.1.2.1.3)	read-only	No	Not supported
hh3cFlhName (1.3.6.1.4.1.25506.2.5.1.1.2.1.4)	read-only	No	The name for flash
hh3cFlhChipNum (1.3.6.1.4.1.25506.2.5.1.1.2.1.5)	read-only	No	Not supported
hh3cFlhDescr (1.3.6.1.4.1.25506.2.5.1.1.2.1.6)	read-only	No	Not supported
hh3cFlhInitTime (1.3.6.1.4.1.25506.2.5.1.1.2.1.8)	read-only	No	Not supported
hh3cFlhRemovable (1.3.6.1.4.1.25506.2.5.1.1.2.1.9)	read-only	No	Not supported
hh3cFlhPartitionBool (1.3.6.1.4.1.25506.2.5.1.1.2.1.11)	read-write	No	Not supported
hh3cFlhMinPartitionSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.12)	read-only	No	Not supported

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Name	Access	PDS	Description
hh3cFlhMaxPartitions (1.3.6.1.4.1.25506.2.5.1.1.2.1.13)	read-only	No	Not supported
hh3cFlhPartitionNum (1.3.6.1.4.1.25506.2.5.1.1.2.1.14)	read-only	No	Not supported
hh3cFlhKbyteSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.15)	read-only	No	Not supported
hh3cFlhHCSize (1.3.6.1.4.1.25506.2.5.1.1.2.1.16)	read-only	No	As per MIB

75.3 hh3cFlhPartitionTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.4.1

Name	Access	PDS	Description
hh3cFlhPartIndex (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.1)	not-accessible	No	As per MIB
hh3cFlhPartFirstChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.2)	read-only	No	Not supported
hh3cFlhPartLastChip (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.3)	read-only	No	Not supported
hh3cFlhPartSpace (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.4)	read-only	No	As per MIB
hh3cFlhPartSpaceFree (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.5)	read-only	No	As per MIB
hh3cFlhPartFileNum (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.6)	read-only	No	Not supported
hh3cFlhPartChecksumMethod (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.7)	read-only	No	Not supported

Companion

Name	Access	PDS	Description
hh3cFlhPartStatus (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.8)	read-only	No	As per MIB
hh3cFlhPartUpgradeMode (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.9)	read-only	No	Not supported
hh3cFlhPartName (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.10)	read-only	No	As per MIB
hh3cFlhPartRequireErase (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.11)	read-only	No	Not supported
hh3cFlhPartFileNameLen (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.12)	read-only	No	Not supported
hh3cFlhPartBootable (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.13)	read-only	No	As per MIB
hh3cFlhPartPathForGlobalOpt (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.14)	read-write	No	The value can only be set to true(1).
hh3cFlhPartHCSpace (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.15)	read-only	No	As per MIB
hh3cFlhPartHCSpaceFree (1.3.6.1.4.1.25506.2.5.1.1.4.1.1.16)	read-only	No	As per MIB

75.4 hh3cFlhFileTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.1.4.2.1

Name	Access	PDS	Description
hh3cFlhFileIndex (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.1)	not-accessible	No	As per MIB
hh3cFlhFileName (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.2)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cFlhFileSize (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.3)	read-only	No	As per MIB
hh3cFlhFileStatus (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.4)	read-only	No	As per MIB
hh3cFlhFileChecksum (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.5)	read-only	No	Not supported
hh3cFlhFileHCSize (1.3.6.1.4.1.25506.2.5.1.1.4.2.1.1.6)	read-only	No	As per MIB

75.5 hh3cFlhOpTable

OID of this table is: 1.3.6.1.4.1.25506.2.5.1.2.1

Name	Access	PDS	Description
hh3cFlhOperIndex (1.3.6.1.4.1.25506.2.5.1.2.1.1.1)	not-accessible	No	If the index ranges from 0x10000 to 0x1FFFF, net2FlashWithErase, net2FlashWithoutErase and delete operation will be executed in all the partitions whose hh3cFlhPartPathForGlobalOpt value is true, otherwise, the index is a random number.
hh3cFlhOperType (1.3.6.1.4.1.25506.2.5.1.2.1.1.2)	read-create	No	For the tftp protocol, rename and delete are not support. The operation 'net2FlashWithoutErase' is the same as 'net2FlashWithErase'.
hh3cFlhOperProtocol (1.3.6.1.4.1.25506.2.5.1.2.1.1.3)	read-create	No	Only support ftp, tftp
hh3cFlhOperServerAddress (1.3.6.1.4.1.25506.2.5.1.2.1.1.4)	read-create	No	As per MIB

Companion

Name	Access	PDS	Description
.4)			
hh3cFlhOperServerUser (1.3.6.1.4.1.25506.2.5.1.2.1.1 .5)	read-create	No	As per MIB
hh3cFlhOperPassword (1.3.6.1.4.1.25506.2.5.1.2.1.1 .6)	read-create	No	A zero-length string will be returned when read.
hh3cFlhOperSourceFile (1.3.6.1.4.1.25506.2.5.1.2.1.1 .7)	read-create	No	If the index ranges from 0x10000 to 0x1FFFF, for delete operation, the filename can only be a 'pure' filename, namely it cannot contain '/',
hh3cFlhOperDestinationFile (1.3.6.1.4.1.25506.2.5.1.2.1.1 .8)	read-create	No	If the index ranges from 0x10000 to 0x1FFFF, for net2FlashWithErase and net2FlashWithoutErase operation, the filename can only be a 'pure' filename, namely it cannot contain '/'.
hh3cFlhOperStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1 .9)	read-only	No	As per MIB
hh3cFlhOperEndNotification (1.3.6.1.4.1.25506.2.5.1.2.1.1 .10)	read-create	No	As per MIB
hh3cFlhOperProgress (1.3.6.1.4.1.25506.2.5.1.2.1.1 .11)	read-only	No	As per MIB
hh3cFlhOperRowStatus (1.3.6.1.4.1.25506.2.5.1.2.1.1 .12)	read-create	No	Only support active, createAndGo, destroy
hh3cFlhOperServerPort (1.3.6.1.4.1.25506.2.5.1.2.1.1 .13)	read-create	No	Only support FTP protocol
hh3cFlhOperFailReason (1.3.6.1.4.1.25506.2.5.1.2.1.1 .14)	read-only	No	As per MIB
hh3cFlhOperSrvAddrType (1.3.6.1.4.1.25506.2.5.1.2.1.1 .15)	read-create	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cFlhOperSrvAddrRev (1.3.6.1.4.1.25506.2.5.1.2.1.1 .16)	read-create	No	As per MIB
hh3cFlhOperSrvVPNName (1.3.6.1.4.1.25506.2.5.1.2.1.1 .17)	read-create	No	As per MIB

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

The following values of Hh3cFlashOperationStatus are implemented for tftp protocol:

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

The following values of Hh3cFlashOperationStatus are implemented for ftp protocol:

- 1: opInProgress(1)
- 2: opSuccess(2)
- 3: opInvalidOperation(3)
- 5: opInvalidSourceName(5)
- 6: opInvalidDestName(6)
- 7: opInvalidServerAddress(7)
- 10: opDeviceError(10)
- 12: opDeviceFull(12)

Companion

- 13: opFileOpenError(13)
- 14: opFileTransferError(14)
- 16: opNoMemory(16)
- 17: opAuthFail(17)
- 19: opUnknownFailure(19)

The following values of Hh3cFlashOperationStatus are implemented for deleting operation:

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

76 HH3C-IF-EXT-MIB

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

76.1 Scalar Objects

Name	Access	PDS	Description
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Companion

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

76.2 hh3clfFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.1

This table is only supported by physical interfaces and serial interfaces created by controller.

Name	Access	PDS	Description
hh3clfStatFlowInterval (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.1)	read-write	Current	Only support read operation.
hh3clfStatFlowInBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.2)	read-only	No	As per MIB
hh3clfStatFlowOutBits (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.3)	read-only	No	As per MIB
hh3clfStatFlowInPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.4)	read-only	No	As per MIB
hh3clfStatFlowOutPkts (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.5)	read-only	No	As per MIB
hh3clfStatFlowInBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.6)	read-only	No	As per MIB
hh3clfStatFlowOutBytes (1.3.6.1.4.1.25506.2.40.2.1.2.1.1.7)	read-only	No	As per MIB

76.3 hh3clfHCFlowStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.1.2.3

Companion

This table is only supported by physical interfaces and serial interfaces created by controller.

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

76.4 hh3cRTParentIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.2.1

Name	Access	PDS	Description
hh3cRTParentIfIndex (1.3.6.1.4.1.25506.2.40.2.2.1.1.1)	not-accessible	No	As per MIB
hh3cRTMinSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.1.1.2)	read-only	No	As per MIB
hh3cRTMaxSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.1.1.3)	read-only	No	As per MIB

76.5 hh3cRTSubIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.2.2

Companion

Name	Access	PDS	Description
hh3cRTSubIfParentIfIndex (1.3.6.1.4.1.25506.2.40.2.2.2.1.1)	not-accessible	No	As per MIB
hh3cRTSubIfOrdinal (1.3.6.1.4.1.25506.2.40.2.2.2.1.2)	not-accessible	No	As per MIB
hh3cRTSubIfSubIfIndex (1.3.6.1.4.1.25506.2.40.2.2.2.1.3)	read-only	No	As per MIB
hh3cRTSubIfSubIfDesc (1.3.6.1.4.1.25506.2.40.2.2.2.1.4)	read-only	No	As per MIB
hh3cRTSubIfRowStatus (1.3.6.1.4.1.25506.2.40.2.2.2.1.5)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

76.6 hh3clfLinkModeTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.2.3

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

76.7 hh3clfTable

OID of this table is: 1.3.6.1.4.1.25506.2.40.2.3.2

Name	Access	PDS	Description
hh3clfUpDownTimes (1.3.6.1.4.1.25506.2.40.2.3.2.1.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3clfMtu (1.3.6.1.4.1.25506.2.40.2.3.2.1.2)	read-write	Current	As per MIB
hh3clfBandwidthRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.3)	accessible-f or-notify	No	Not supported
hh3clfDiscardPktRate (1.3.6.1.4.1.25506.2.40.2.3.2.1.4)	accessible-f or-notify	No	Not supported
hh3clfStatusKeepTime (1.3.6.1.4.1.25506.2.40.2.3.2.1.5)	read-only	No	As per MIB
hh3clfInNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.6)	read-only	No	Not supported
hh3clfOutNUcastPkts (1.3.6.1.4.1.25506.2.40.2.3.2.1.7)	read-only	No	Not supported

77 HH3C-IFQOS2-MIB

77.1 hh3clfQoSLRConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.3.1

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

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

Name	Access	PDS	Description
hh3clfQoSLRDirection (1.3.6.1.4.1.25506.2.65.1.3.1.1)	not-accessib le	Current	As per MIB

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Name	Access	PDS	Description
hh3clfQoSLRCir (1.3.6.1.4.1.25506.2.65.1.3.1.1.2)	read-create	Current	Range from 8 to 10485760 for Ten-GigabitEthernet. Range from 8 to 41943040 for Forty-GigabitEthernet. The value must be a multiple of 8.
hh3clfQoSLRCbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.3)	read-create	Current	Range from 512 to 134217728. The value must be a multiple of 512.
hh3clfQoSLREbs (1.3.6.1.4.1.25506.2.65.1.3.1.1.4)	read-create	Current	No supported
hh3clfQoSRowStatus (1.3.6.1.4.1.25506.2.65.1.3.1.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6).
hh3clfQoSLRPir(1.3.6.1.4.1.25506.2.65.1.3.1.1.6)	read-create	Current	Not supported

77.2 hh3clfQoSQSMoDeTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.1.1

Name	Access	PDS	Description
hh3clfQoSQSMoDe (1.3.6.1.4.1.25506.2.65.1.1.1.1.1)	read-write	Current	Only support sp(1), wr(5), hh3cfq(6), byteCountWrr(8) and byteCountWfq(9).

77.3 hh3clfQoSQSWEightTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.1.2

The set operation of this table only supports multiple variable bindings.

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

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

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

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

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

Name	Access	PDS	Description
hh3clfQoSQueueID (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.1)	not-accessible	No	Range from 0 to 7.
hh3clfQoSQueueGroupType (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.2)	read-write	Current	Support group0(1), group1(2) and group2(3).
hh3clfQoSQueueType (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.3)	read-write	Current	As per MIB
hh3clfQoSQueueValue (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.4)	read-write	Current	Range from 1 to 15.
hh3clfQoSQueueMaxDelay (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.5)	read-write	Current	Not supported. The value is always 9.
hh3clfQoSQueueMinBandwidth (1.3.6.1.4.1.25506.2.65.1.1.1.2.1.6)	read-write	Current	Range from 8 to 10000000 for Ten-GigabitEthernet. Range from 8 to 40000000 for Forty-GigabitEthernet.

77.4 hh3clfQoSHardwareQueueRunInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.1.2.1

Companion

Name	Access	PDS	Description
hh3clfQoSPassPackets (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.1)	read-only	No	As per MIB
hh3clfQoSDropPackets (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.2)	read-only	No	As per MIB
hh3clfQoSPassBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.3)	read-only	No	As per MIB
hh3clfQoSPassPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.4)	read-only	No	As per MIB
hh3clfQoSPassBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.5)	read-only	No	As per MIB
hh3clfQoSDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.6)	read-only	No	As per MIB
hh3clfQoSQueueLengthInPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.7)	read-only	No	As per MIB
hh3clfQoSQueueLengthInBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.8)	read-only	No	Not supported
hh3clfQoSQueuePkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.9)	read-only	No	Not supported
hh3clfQoSQueueBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.10)	read-only		Not supported
hh3clfQoSQueuePPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.11)	read-only	No	Not supported
hh3clfQoSQueueBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.12)	read-only	No	Not supported
hh3clfQOSTailDropPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.13)	read-only	No	Not supported
hh3clfQOSTailDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.14)	read-only	No	Not supported
hh3clfQOSTailDropPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.15)	read-only	No	Not supported
hh3clfQOSTailDropBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.16)	read-only	No	Not supported
hh3clfQOSWredDropPkts (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.17)	read-only	No	Not supported
hh3clfQOSWredDropBytes (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.18)	read-only	No	Not supported
hh3clfQOSWredDropPPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.19)	read-only	No	Not supported
hh3clfQOSWredDropBPS (1.3.6.1.4.1.25506.2.65.1.1.2.1.1.20)	read-only	No	Not supported

77.5 hh3clfQoSPortPriorityTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.1

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

77.6 hh3clfQoSPortPriorityTrustTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.7.1.2

Name	Access	PDS	Description
hh3clfQoSPortPriorityTrustTrustType (1.3.6.1.4.1.25506.2.65.1.7.1.2.1.1)	read-write	Current	Only support untrust(1), dot1p(2) and dscp(3).
hh3clfQoSPortPriorityTrustOvercastType (1.3.6.1.4.1.25506.2.65.1.7.1.2.1.2)	read-write	Current	Only support noOvercast(1).

77.7 hh3clfQoSPrePriMapTable

OID of this table is: 1.3.6.1.4.1.25506.2.65.1.9.1.4

Name	Access	PDS	Description
hh3clfQoSPrePriMapTableType (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.1)	not-accessible	Current	Only support dot1pToLp(1), dot1pToDp(2), dscpToDp(6), dscpToDot1p(7), dscpToDscp(9), expToDot1p(12) and dot1pToExp(30).
hh3clfQoSPrePriMapTableColor (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.2)	not-accessible	Current	Only support noColor(1).
hh3clfQoSPrePriMapTableDir	not-accessible	Current	Only support noDirection

Companion

Name	Access	PDS	Description
hh3clfQoSPrePriMapTableIndex (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.3)	read-only		(1).
hh3clfQoSPrePriMapTableImportValue (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.4)	not-accessible	Current	As per MIB
hh3clfQoSPrePriMapTableExportValue (1.3.6.1.4.1.25506.2.65.1.9.1.4.1.5)	read-write	Current	As per MIB

78 HH3C-IKE-MONITOR-MIB

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

78.1 hh3cIKETunnelTable

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.1

Name	Access	PDS	Description
hh3cIKETunIndex (1.3.6.1.4.1.25506.2.30.1.1.1.1)	accessible-for-notify	No	As per MIB
hh3cIKETunLocalType (1.3.6.1.4.1.25506.2.30.1.1.1.2)	read-only	No	As per MIB
hh3cIKETunLocalValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.3)	read-only	No	As per MIB
hh3cIKETunLocalValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.4)	read-only	No	Not supported
hh3cIKETunLocalAddr (1.3.6.1.4.1.25506.2.30.1.1.1.5)	read-only	deprecated	As per MIB
hh3cIKETunRemoteType (1.3.6.1.4.1.25506.2.30.1.1.1.6)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
6)			
hh3cIKETunRemoteValue1 (1.3.6.1.4.1.25506.2.30.1.1.1.7)	read-only	No	As per MIB
hh3cIKETunRemoteValue2 (1.3.6.1.4.1.25506.2.30.1.1.1.8)	read-only	No	Not supported
hh3cIKETunRemoteAddr (1.3.6.1.4.1.25506.2.30.1.1.1.9)	read-only	depreca ted	As per MIB
hh3cIKETunInitiator (1.3.6.1.4.1.25506.2.30.1.1.1.10)	read-only	No	As per MIB
hh3cIKETunNegoMode (1.3.6.1.4.1.25506.2.30.1.1.1.11)	read-only	No	As per MIB
hh3cIKETunDiffHellmanGrp (1.3.6.1.4.1.25506.2.30.1.1.1.12)	read-only	No	As per MIB
hh3cIKETunEncryptAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.13)	read-only	No	As per MIB
hh3cIKETunHashAlgo (1.3.6.1.4.1.25506.2.30.1.1.1.14)	read-only	No	As per MIB
hh3cIKETunAuthMethod (1.3.6.1.4.1.25506.2.30.1.1.1.15)	read-only	No	As per MIB
hh3cIKETunLifeTime (1.3.6.1.4.1.25506.2.30.1.1.1.16)	read-only	No	Range from 1 to 2147483647
hh3cIKETunActiveTime (1.3.6.1.4.1.25506.2.30.1.1.1.17)	read-only	No	Range from 1 to 2147483647
hh3cIKETunRemainTime (1.3.6.1.4.1.25506.2.30.1.1.1.18)	read-only	No	Range from 1 to 2147483647
hh3cIKETunTotalRefreshes (1.3.6.1.4.1.25506.2.30.1.1.1.19)	read-only	No	As per MIB
hh3cIKETunState	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.30.1.1.1.20)			
hh3clKETunDpdIntervalTime (1.3.6.1.4.1.25506.2.30.1.1.1.21)	read-only	No	Not supported
hh3clKETunDpdTimeOut (1.3.6.1.4.1.25506.2.30.1.1.1.22)	read-only	No	Not supported
hh3clKETunLocalInetAddressType (1.3.6.1.4.1.25506.2.30.1.1.1.23)	read-only	No	As per MIB
hh3clKETunLocalInetAddress (1.3.6.1.4.1.25506.2.30.1.1.1.24)	read-only	No	As per MIB
hh3clKETunRemoteInetAddressType (1.3.6.1.4.1.25506.2.30.1.1.1.25)	read-only	No	As per MIB
hh3clKETunRemoteInetAddress (1.3.6.1.4.1.25506.2.30.1.1.1.26)	read-only	No	As per MIB

78.2 hh3clKETunnelStatTable

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.2

Name	Access	PDS	Description
hh3clKETunInOctets (1.3.6.1.4.1.25506.2.30.1.2.1.1)	read-only	No	As per MIB
hh3clKETunInPkts (1.3.6.1.4.1.25506.2.30.1.2.1.2)	read-only	No	As per MIB
hh3clKETunInDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1.3)	read-only	No	As per MIB
hh3clKETunInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1.4)	read-only	No	As per MIB
hh3clKETunInP2ExchgRejets (1.3.6.1.4.1.25506.2.30.1.2.1.5)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
5)			
hh3cIKETunInP2SaDelReques ts (1.3.6.1.4.1.25506.2.30.1.2.1. 6)	read-only	No	As per MIB
hh3cIKETunInP1SaDelReques ts (1.3.6.1.4.1.25506.2.30.1.2.1. 7)	read-only	No	As per MIB
hh3cIKETunInNotifys (1.3.6.1.4.1.25506.2.30.1.2.1. 8)	read-only	No	As per MIB
hh3cIKETunOutOctets (1.3.6.1.4.1.25506.2.30.1.2.1. 9)	read-only	No	As per MIB
hh3cIKETunOutPkts (1.3.6.1.4.1.25506.2.30.1.2.1. 10)	read-only	No	As per MIB
hh3cIKETunOutDropPkts (1.3.6.1.4.1.25506.2.30.1.2.1. 11)	read-only	No	As per MIB
hh3cIKETunOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.2.1. 12)	read-only	No	As per MIB
hh3cIKETunOutP2ExchgReje cts (1.3.6.1.4.1.25506.2.30.1.2.1. 13)	read-only	No	As per MIB
hh3cIKETunOutP2SaDelReq uests (1.3.6.1.4.1.25506.2.30.1.2.1. 14)	read-only	No	As per MIB
hh3cIKETunOutP1SaDelReq uests (1.3.6.1.4.1.25506.2.30.1.2.1. 15)	read-only	No	As per MIB
hh3cIKETunOutNotifys (1.3.6.1.4.1.25506.2.30.1.2.1. 16)	read-only	No	As per MIB

78.3 hh3cIKEGlobalStats

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.3

Name	Access	PDS	Description
hh3cIKEGlobalActiveTunnels (1.3.6.1.4.1.25506.2.30.1.3.1)	read-only	No	As per MIB
hh3cIKEGlobalInOctets (1.3.6.1.4.1.25506.2.30.1.3.2)	read-only	No	As per MIB
hh3cIKEGlobalInPkts (1.3.6.1.4.1.25506.2.30.1.3.3)	read-only	No	As per MIB
hh3cIKEGlobalInDropPkts (1.3.6.1.4.1.25506.2.30.1.3.4)	read-only	No	As per MIB
hh3cIKEGlobalInP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.5)	read-only	No	As per MIB
hh3cIKEGlobalInP2ExchgRej ects (1.3.6.1.4.1.25506.2.30.1.3.6)	read-only	No	As per MIB
hh3cIKEGlobalInP2SaDelRe quests (1.3.6.1.4.1.25506.2.30.1.3.7)	read-only	No	As per MIB
hh3cIKEGlobalInNotifys (1.3.6.1.4.1.25506.2.30.1.3.8)	read-only	No	As per MIB
hh3cIKEGlobalOutOctets (1.3.6.1.4.1.25506.2.30.1.3.9)	read-only	No	As per MIB
hh3cIKEGlobalOutPkts (1.3.6.1.4.1.25506.2.30.1.3.1 0)	read-only	No	As per MIB
hh3cIKEGlobalOutDropPkts (1.3.6.1.4.1.25506.2.30.1.3.1 1)	read-only	No	As per MIB
hh3cIKEGlobalOutP2Exchgs (1.3.6.1.4.1.25506.2.30.1.3.1 2)	read-only	No	As per MIB
hh3cIKEGlobalOutP2ExchgR ejects (1.3.6.1.4.1.25506.2.30.1.3.1 3)	read-only	No	As per MIB
hh3cIKEGlobalOutP2SaDelR equests (1.3.6.1.4.1.25506.2.30.1.3.1 4)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cIKEGlobalOutNotifys (1.3.6.1.4.1.25506.2.30.1.3.1 5)	read-only	No	As per MIB
hh3cIKEGlobalInitTunnels (1.3.6.1.4.1.25506.2.30.1.3.1 6)	read-only	No	As per MIB
hh3cIKEGlobalInitTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.1 7)	read-only	No	As per MIB
hh3cIKEGlobalRespTunnels (1.3.6.1.4.1.25506.2.30.1.3.1 8)	read-only	No	As per MIB
hh3cIKEGlobalRespTunnelFails (1.3.6.1.4.1.25506.2.30.1.3.1 9)	read-only	No	As per MIB
hh3cIKEGlobalAuthFails (1.3.6.1.4.1.25506.2.30.1.3.2 0)	read-only	No	As per MIB
hh3cIKEGlobalNoSaFails (1.3.6.1.4.1.25506.2.30.1.3.2 1)	read-only	No	As per MIB
hh3cIKEGlobalInvalidCookie Fails (1.3.6.1.4.1.25506.2.30.1.3.2 2)	read-only	No	As per MIB
hh3cIKEGlobalAttrNotSuppFails (1.3.6.1.4.1.25506.2.30.1.3.2 3)	read-only	No	Not supported
hh3cIKEGlobalNoProposalChosenFails (1.3.6.1.4.1.25506.2.30.1.3.2 4)	read-only	No	As per MIB
hh3cIKEGlobalUnsportExchTypeFails (1.3.6.1.4.1.25506.2.30.1.3.2 5)	read-only	No	As per MIB
hh3cIKEGlobalInvalidIdFails (1.3.6.1.4.1.25506.2.30.1.3.2 6)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cIKEGlobalInvalidProFails (1.3.6.1.4.1.25506.2.30.1.3.27)	read-only	No	As per MIB
hh3cIKEGlobalCertTypeUnsuppFails (1.3.6.1.4.1.25506.2.30.1.3.28)	read-only	No	As per MIB
hh3cIKEGlobalInvalidCertAuthFails (1.3.6.1.4.1.25506.2.30.1.3.29)	read-only	No	Not supported
hh3cIKEGlobalInvalidSignFails (1.3.6.1.4.1.25506.2.30.1.3.30)	read-only	No	Not supported
hh3cIKEGlobalCertUnavailableFails (1.3.6.1.4.1.25506.2.30.1.3.31)	read-only	No	As per MIB

78.4 hh3cIKETrapObject

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.4

Name	Access	PDS	Description
hh3cIKEProposalNumber (1.3.6.1.4.1.25506.2.30.1.4.1)	accessible-f or-notify	No	As per MIB
hh3cIKEProposalSize (1.3.6.1.4.1.25506.2.30.1.4.2)	accessible-f or-notify	No	As per MIB
hh3cIKEIdInformation (1.3.6.1.4.1.25506.2.30.1.4.3)	accessible-f or-notify	No	As per MIB
hh3cIKEProtocolNum (1.3.6.1.4.1.25506.2.30.1.4.4)	accessible-f or-notify	No	As per MIB
hh3cIKECertInformation (1.3.6.1.4.1.25506.2.30.1.4.5)	accessible-f or-notify	No	As per MIB

78.5 hh3cIKETrapCntl

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.5

Companion

Name	Access	PDS	Description
hh3cIKETrapGlobalCntl (1.3.6.1.4.1.25506.2.30.1.5.1)	read-write	No	As per MIB
hh3cIKETunnelStartTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.2)	read-write	No	As per MIB
hh3cIKETunnelStopTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.3)	read-write	No	As per MIB
hh3cIKENoSaTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.4)	read-write	No	As per MIB
hh3cIKEEncryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.5)	read-write	No	As per MIB
hh3cIKEDecryFailureTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.6)	read-write	No	As per MIB
hh3cIKEInvalidProposalTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.7)	read-write	No	As per MIB
hh3cIKEAuthFailTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.8)	read-write	No	As per MIB
hh3cIKEInvalidCookieTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.9)	read-write	No	As per MIB
hh3cIKEInvalidSpiTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.10)	read-write	depreca ted	As per MIB
hh3cIKEAttrNotSuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.11)	read-write	No	As per MIB
hh3cIKEUnsportExchTypeTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.12)	read-write	No	As per MIB
hh3cIKEInvalidIdTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.13)	read-write	No	As per MIB
hh3cIKEInvalidProtocolTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.14)	read-write	No	As per MIB
hh3cIKECertTypeUnsuppTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.15)	read-write	No	As per MIB

Companion

Name	Access	PDS	Description
5)			
hh3cIKEInvalidCertAuthTrap Cntl (1.3.6.1.4.1.25506.2.30.1.5.1 6)	read-write	No	As per MIB
hh3cIKEInvalidSignTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.1 7)	read-write	No	As per MIB
hh3cKECertUnavailableTrap Cntl (1.3.6.1.4.1.25506.2.30.1.5.1 8)	read-write	No	As per MIB
hh3cIKEProposalAddTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.1 9)	read-write	No	As per MIB
hh3cIKEProposalDelTrapCntl (1.3.6.1.4.1.25506.2.30.1.5.2 0)	read-write	No	As per MIB

78.6 hh3cIKEScalarObjects

OID of this table is: 1.3.6.1.4.1.25506.2.30.1.7

Name	Access	PDS	Description
hh3cIKEMIBVersion (1.3.6.1.4.1.25506.2.30.1.7.1)	read-only	Current	As per MIB

79 HH3C-INFO-CENTER-MIB

79.1 hh3cICLogbufferObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.1.1

Name	Access	PDS	Description
hh3cICMaxLogbufferSize (1.3.6.1.4.1.25506.2.119.1.1. 1)	read-only	No	As per MIB

Companion

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

79.2 hh3clCLogbufferContTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.1.2

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

79.3 hh3clCLoghostObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.2.1

Name	Access	PDS	Description
hh3clCMaxLoghost (1.3.6.1.4.1.25506.2.119.2.1.1)	read-only	No	As per MIB
hh3clCLoghostSourceInterface (1.3.6.1.4.1.25506.2.119.2.1.2)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clCLoghostTimestampType (1.3.6.1.4.1.25506.2.119.2.1.3)	read-write	Current	Only support date, iso, dateWithoutYear and none.

79.4 hh3clCLoghostTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.2.2

Name	Access	PDS	Description
hh3clCLoghostIndex (1.3.6.1.4.1.25506.2.119.2.2.1.1)	not-accessible	No	As per MIB
hh3clCLoghostIpaddressType (1.3.6.1.4.1.25506.2.119.2.2.1.2)	read-create	Current	As per MIB
hh3clCLoghostIpaddress (1.3.6.1.4.1.25506.2.119.2.2.1.3)	read-create	Current	As per MIB
hh3clCLoghostVPNName (1.3.6.1.4.1.25506.2.119.2.2.1.4)	read-create	Current	As per MIB
hh3clCLoghostFacility (1.3.6.1.4.1.25506.2.119.2.2.1.5)	read-create	Current	As per MIB
hh3clCLoghostOperateRowStatus (1.3.6.1.4.1.25506.2.119.2.2.1.6)	read-create	Current	As per MIB
hh3clCLoghostIpaddressPort (1.3.6.1.4.1.25506.2.119.2.2.1.7)	read-create	Current	As per MIB
hh3clCLoghostTAddress (1.3.6.1.4.1.25506.2.119.2.2.1.8)	read-create	Current	Only support IPv4.

79.5 hh3clCDirectionTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.3.1

Companion

Name	Access	PDS	Description
hh3clCDirectionIndex (1.3.6.1.4.1.25506.2.119.3.1.1.1)	not-accessible	No	As per MIB
hh3clCDirectionName (1.3.6.1.4.1.25506.2.119.3.1.1.2)	read-only	No	As per MIB
hh3clCDirectionState (1.3.6.1.4.1.25506.2.119.3.1.1.3)	read-write	Current	Only support directions of logbuffer, logfile, secfile and diagfile. The value of this object is always true for other directions.

79.6 hh3clCModuleTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.4.1

Name	Access	PDS	Description
hh3clCModuleName (1.3.6.1.4.1.25506.2.119.4.1.1.1)	read-only	No	As per MIB

79.7 hh3clCLogObjects

OID of this table is: 1.3.6.1.4.1.25506.2.119.5.1

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

79.8 hh3clCLogTable

OID of this table is: 1.3.6.1.4.1.25506.2.119.5.2

Name	Access	PDS	Description
hh3clCLogLevel (1.3.6.1.4.1.25506.2.119.5.2.1.1)	read-creat	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clCLogRowStatus (1.3.6.1.4.1.25506.2.119.5.2.1.2)	read-creat	Current	As per MIB

This table can't be created if the index of module name includes lowercase or it is "DEFAULT".

This table can't be destroyed if the the index of module name is "default".

80 HH3C-IP-ADDRESS-MIB

80.1 hh3clpAddrNotifyScalarObjects

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

80.2 hh3clpAddrSetTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.1

Name	Access	PDS	Description
hh3clpAddrSetIfIndex (1.3.6.1.4.1.25506.2.67.1.1.1.1.1)	not-accessib le	Current	As per MIB
hh3clpAddrSetAddrType (1.3.6.1.4.1.25506.2.67.1.1.1.1.2)	not-accessib le	Current	Only support ipv4(1)
hh3clpAddrSetAddr (1.3.6.1.4.1.25506.2.67.1.1.1.1.3)	not-accessib le	Current	As per MIB

Companion

hh3clpAddrSetMask (1.3.6.1.4.1.25506.2.67.1.1.1.1.4)	read-create	Current	As per MIB
hh3clpAddrSetSourceType (1.3.6.1.4.1.25506.2.67.1.1.1.1.5)	read-create	Current	As per MIB
hh3clpAddrSetCatalog (1.3.6.1.4.1.25506.2.67.1.1.1.1.6)	read-create	Current	As per MIB
hh3clpAddrSetRowStatus (1.3.6.1.4.1.25506.2.67.1.1.1.1.7)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6) ,the value active(1) is only for reading.

80.3 hh3clpAddrReadTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.2

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

80.4 hh3clpv4AddrTable

OID of this table is: 1.3.6.1.4.1.25506.2.67.1.1.3

Name	Access	PDS	Description
hh3clpv4AddrAddr (1.3.6.1.4.1.25506.2.67.1.1.3.1.1)	read-create	Current	When reading, the value will be 0.0.0.0 if no primary IP address exists on the interface.
hh3clpv4AddrMask (1.3.6.1.4.1.25506.2.67.1.1.3.1.2)	read-create	Current	As per MIB
hh3clpv4AddrRowStatus (1.3.6.1.4.1.25506.2.67.1.1.3.1.3)	read-create	Current	Only support active(1), notInService(2), createAndGo(4) and destroy(6) , When reading, the value is active(1) if exists a primary IP address on the interface. When reading, the value is notInService (2) if no primary IP address exists on the interface.

81 HH3C-IPSEC-MONITOR-V2-MIB

81.1 hh3clPsecScalarObjectsV2

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.1

Name	Access	PDS	Description
hh3clPsecMIBVersion (1.3.6.1.4.1.25506.2.126.1.1.1)	read-only	Current	As per MIB

81.2 hh3clPsecTunnelV2Table

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cIPsecTunIndexV2 (1.3.6.1.4.1.25506.2.126.1.2.1.1)	accessible-f or-notify	Current	As per MIB
hh3cIPsecTunIfIndexV2 (1.3.6.1.4.1.25506.2.126.1.2.1.2)	read-only	Current	As per MIB
hh3cIPsecTunIKETunnelIndexV2 (1.3.6.1.4.1.25506.2.126.1.2.1.3)	read-only	Current	As per MIB
hh3cIPsecTunIKETunLocalIDTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.4)	read-only	Current	As per MIB
hh3cIPsecTunIKETunLocalIDVal1V2 (1.3.6.1.4.1.25506.2.126.1.2.1.5)	read-only	Current	As per MIB
hh3cIPsecTunIKETunLocalIDVal2V2 (1.3.6.1.4.1.25506.2.126.1.2.1.6)	read-only	Current	As per MIB
hh3cIPsecTunIKETunRemoteIDTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.7)	read-only	Current	As per MIB
hh3cIPsecTunIKETunRemoteIDVal1V2 (1.3.6.1.4.1.25506.2.126.1.2.1.8)	read-only	Current	As per MIB
hh3cIPsecTunIKETunRemoteIDVal2V2 (1.3.6.1.4.1.25506.2.126.1.2.1.9)	read-only	Current	As per MIB
hh3cIPsecTunLocalAddrTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.10)	read-only	Current	As per MIB
hh3cIPsecTunLocalAddrV2 (1.3.6.1.4.1.25506.2.126.1.2.1.11)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecTunRemoteAddrTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.12)	read-only	Current	As per MIB
hh3clPsecTunRemoteAddrV2 (1.3.6.1.4.1.25506.2.126.1.2.1.13)	read-only	Current	As per MIB
hh3clPsecTunKeyTypeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.14)	read-only	Current	As per MIB
hh3clPsecTunEncapModeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.15)	read-only	Current	As per MIB
hh3clPsecTunInitiatorV2 (1.3.6.1.4.1.25506.2.126.1.2.1.16)	read-only	Current	As per MIB
hh3clPsecTunLifeSizeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.17)	read-only	Current	As per MIB
hh3clPsecTunLifeTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.18)	read-only	Current	As per MIB
hh3clPsecTunRemainTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.19)	read-only	Current	As per MIB
hh3clPsecTunActiveTimeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.20)	read-only	Current	As per MIB
hh3clPsecTunRemainSizeV2 (1.3.6.1.4.1.25506.2.126.1.2.1.21)	read-only	Current	outbound sa remain traffic duration
hh3clPsecTunTotalRefreshesV2 (1.3.6.1.4.1.25506.2.126.1.2.1.22)	read-only	Current	As per MIB
hh3clPsecTunCurrentSalInstancesV2 (1.3.6.1.4.1.25506.2.126.1.2.1.23)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecTunInSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.24)	read-only	Current	As per MIB
hh3clPsecTunInSaAhAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.25)	read-only	Current	As per MIB
hh3clPsecTunInSaEspAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.26)	read-only	Current	As per MIB
hh3clPsecTunDiffHellmanGroupV2 (1.3.6.1.4.1.25506.2.126.1.2.1.27)	read-only	Current	As per MIB
hh3clPsecTunOutSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.28)	read-only	Current	As per MIB
hh3clPsecTunOutSaAhAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.29)	read-only	Current	As per MIB
hh3clPsecTunOutSaEspAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.2.1.30)	read-only	Current	As per MIB
hh3clPsecTunPolicyNameV2 (1.3.6.1.4.1.25506.2.126.1.2.1.31)	read-only	Current	As per MIB
hh3clPsecTunPolicyNumV2 (1.3.6.1.4.1.25506.2.126.1.2.1.32)	read-only	Current	As per MIB
hh3clPsecTunStatusV2 (1.3.6.1.4.1.25506.2.126.1.2.1.33)	read-only	Current	As per MIB

81.3 hh3clPsecTunnelStatV2Table

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.3

Companion

Name	Access	PDS	Description
hh3clPsecTunInOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.1)	read-only	Current	As per MIB
hh3clPsecTunInDecompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.2)	read-only	Current	Not supported
hh3clPsecTunInPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.3)	read-only	Current	As per MIB
hh3clPsecTunInDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.4)	read-only	Current	As per MIB
hh3clPsecTunInReplayDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.5)	read-only	Current	As per MIB
hh3clPsecTunInAuthFailsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.6)	read-only	Current	As per MIB
hh3clPsecTunInDecryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.7)	read-only	Current	As per MIB
hh3clPsecTunOutOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.8)	read-only	Current	As per MIB
hh3clPsecTunOutUncompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.9)	read-only	Current	Not supported
hh3clPsecTunOutPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.10)	read-only	Current	As per MIB
hh3clPsecTunOutDropPktsV2 (1.3.6.1.4.1.25506.2.126.1.3.1.11)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecTunOutEncryptFail sV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.12)	read-only	Current	As per MIB
hh3clPsecTunNoMemoryDro pPktsV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.13)	read-only	Current	Not supported
hh3clPsecTunQueueFullDrop PktsV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.14)	read-only	Current	Not supported
hh3clPsecTunInvalidLenDrop PktsV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.15)	read-only	Current	As per MIB
hh3clPsecTunTooLongDropP ktsV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.16)	read-only	Current	As per MIB
hh3clPsecTunInvalidSaDrop PktsV2 (1.3.6.1.4.1.25506.2.126.1.3. 1.17)	read-only	Current	As per MIB

81.4 hh3clPsecSaV2Table

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.4

Name	Access	PDS	Description
hh3clPsecSaIndexV2 (1.3.6.1.4.1.25506.2.126.1.4. 1.1)	accessible-f or-notify	Current	As per MIB
hh3clPsecSaDirectionV2 (1.3.6.1.4.1.25506.2.126.1.4. 1.2)	read-only	Current	As per MIB
hh3clPsecSaSpiValueV2 (1.3.6.1.4.1.25506.2.126.1.4. 1.3)	read-only	Current	As per MIB
hh3clPsecSaProtocolV2 (1.3.6.1.4.1.25506.2.126.1.4. 1.4)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecSaEncryptAlgoV2 (1.3.6.1.4.1.25506.2.126.1.4.1.5)	read-only	Current	As per MIB
hh3clPsecSaAuthAlgoV2 (1.3.6.1.4.1.25506.2.126.1.4.1.6)	read-only	Current	As per MIB
hh3clPsecSaStatusV2 (1.3.6.1.4.1.25506.2.126.1.4.1.7)	read-only	Current	As per MIB

81.5 hh3clPsecTrafficV2Table

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.5

Name	Access	PDS	Description
hh3clPsecTrafficLocalTypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.1)	read-only	Current	As per MIB
hh3clPsecTrafficLocalAddr1TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.2)	read-only	Current	As per MIB
hh3clPsecTrafficLocalAddr1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.3)	read-only	Current	As per MIB
hh3clPsecTrafficLocalAddr2TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.4)	read-only	Current	As per MIB
hh3clPsecTrafficLocalAddr2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.5)	read-only	Current	As per MIB
hh3clPsecTrafficLocalProtocol1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.6)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecTrafficLocalProtocolV2 (1.3.6.1.4.1.25506.2.126.1.5.1.7)	read-only	Current	As per MIB
hh3clPsecTrafficLocalPort1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.8)	read-only	Current	As per MIB
hh3clPsecTrafficLocalPort2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.9)	read-only	Current	As per MIB
hh3clPsecTrafficRemoteTypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.10)	read-only	Current	As per MIB
hh3clPsecTrafficRemAddr1TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.11)	read-only	Current	As per MIB
hh3clPsecTrafficRemAddr1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.12)	read-only	Current	As per MIB
hh3clPsecTrafficRemAddr2TypeV2 (1.3.6.1.4.1.25506.2.126.1.5.1.13)	read-only	Current	As per MIB
hh3clPsecTrafficRemAddr2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.14)	read-only	Current	As per MIB
hh3clPsecTrafficRemoPro1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.15)	read-only	Current	As per MIB
hh3clPsecTrafficRemoPro2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.16)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecTrafficRemPort1V2 (1.3.6.1.4.1.25506.2.126.1.5.1.17)	read-only	Current	As per MIB
hh3clPsecTrafficRemPort2V2 (1.3.6.1.4.1.25506.2.126.1.5.1.18)	read-only	Current	As per MIB

81.6 hh3clPsecGlobalStatsV2

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.6

Name	Access	PDS	Description
hh3clPsecGlobalActiveTunnelsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.1)	read-only	Current	As per MIB
hh3clPsecGlobalActiveSasV2 (1.3.6.1.4.1.25506.2.126.1.6.1.2)	read-only	Current	As per MIB
hh3clPsecGlobalInOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.3)	read-only	Current	As per MIB
hh3clPsecGlobalInDecompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.4)	read-only	Current	Not supported
hh3clPsecGlobalInPktsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.5)	read-only	Current	As per MIB
hh3clPsecGlobalInDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.6)	read-only	Current	As per MIB
hh3clPsecGlobalInReplayDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.7)	read-only	Current	As per MIB
hh3clPsecGlobalInAuthFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.8)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecGlobalInDecryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.9)	read-only	Current	As per MIB
hh3clPsecGlobalOutOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.10)	read-only	Current	As per MIB
hh3clPsecGlobalOutUncompOctetsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.11)	read-only	Current	Not supported
hh3clPsecGlobalOutPktsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.12)	read-only	Current	As per MIB
hh3clPsecGlobalOutDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.13)	read-only	Current	As per MIB
hh3clPsecGlobalOutEncryptFailsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.14)	read-only	Current	As per MIB
hh3clPsecGlobalNoMemoryDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.15)	read-only	Current	Not supported
hh3clPsecGlobalNoFindSaDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.16)	read-only	Current	As per MIB
hh3clPsecGlobalQueueFullDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.17)	read-only	Current	Not supported
hh3clPsecGlobalInvalidLenDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.18)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecGlobalTooLongDropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.19)	read-only	Current	As per MIB
hh3clPsecGlobalInvalidSADropsV2 (1.3.6.1.4.1.25506.2.126.1.6.1.20)	read-only	Current	Not supported

81.7 hh3clPsecTrapObjectV2

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.7

Name	Access	PDS	Description
hh3clPsecPolicyNameV2 (1.3.6.1.4.1.25506.2.126.1.7.1.1)	accessible-for-notify	Current	As per MIB
hh3clPsecPolicySeqNumV2 (1.3.6.1.4.1.25506.2.126.1.7.1.2)	accessible-for-notify	Current	As per MIB
hh3clPsecPolicySizeV2 (1.3.6.1.4.1.25506.2.126.1.7.1.3)	accessible-for-notify	Current	As per MIB

81.8 hh3clPsecTrapCntlV2

OID of this table is: 1.3.6.1.4.1.25506.2.126.1.8

Name	Access	PDS	Description
hh3clPsecTrapGlobalCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.1)	read-write	Current	As per MIB
hh3clPsecTunnelStartTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.2)	read-write	Current	As per MIB
hh3clPsecTunnelStopTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.3)	read-write	Current	As per MIB
hh3clPsecNoSADropCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.4)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3clPsecAuthFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.5)	read-write	Current	As per MIB
hh3clPsecEncryFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.6)	read-write	Current	As per MIB
hh3clPsecDecryFailureTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.7)	read-write	Current	As per MIB
hh3clPsecInvalidSaTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.8)	read-write	Current	As per MIB
hh3clPsecPolicyAddTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.9)	read-write	Current	As per MIB
hh3clPsecPolicyDelTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.10)	read-write	Current	As per MIB
hh3clPsecPolicyAttachTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.11)	read-write	Current	As per MIB
hh3clPsecPolicyDetachTrapCntlV2 (1.3.6.1.4.1.25506.2.126.1.8.1.12)	read-write	Current	As per MIB

82 HH3C-IPV6-ADDRESS-MIB

82.1 hh3clpv6AddrSetTable

OID of this table is: 1.3.6.1.4.1.25506.2.71.1.1.1

Companion

Name	Access	PDS	Description
hh3clpv6AddrSetIfIndex (1.3.6.1.4.1.25506.2.71.1.1.1.1)	not-accessible	Current	As per MIB
hh3clpv6AddrSetAddrType (1.3.6.1.4.1.25506.2.71.1.1.1.2)	not-accessible	Current	Only support ipv6(2)
hh3clpv6AddrSetAddr (1.3.6.1.4.1.25506.2.71.1.1.1.3)	not-accessible	Current	As per MIB
hh3clpv6AddrSetPfxLength (1.3.6.1.4.1.25506.2.71.1.1.1.4)	read-create	Current	<p>If the value of hh3clpv6AddrSetSourceType is 'assignedGblp' or 'assignedSLIp'.</p> <p>If the value of hh3clpv6AddrSetSourceType is 'assignedGbEUI64Ip' or 'assignedSLEUI64Ip', the length of the prefix must be set from 1 to 64.</p>
hh3clpv6AddrSetSourceType (1.3.6.1.4.1.25506.2.71.1.1.1.5)	read-create	Current	As per MIB
hh3clpv6AddrSetRowStatus (1.3.6.1.4.1.25506.2.71.1.1.1.6)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6), the value active(1) is only for reading.

82.2 hh3clpv6AddrReadTable

OID of this table is: 1.3.6.1.4.1.25506.2.71.1.1.2

Name	Access	PDS	Description
hh3clpv6AddrReadIfIndex (1.3.6.1.4.1.25506.2.71.1.1.2.1)	not-accessible	Current	As per MIB
hh3clpv6AddrReadAddrType (1.3.6.1.4.1.25506.2.71.1.1.2.2)	not-accessible	Current	Only support ipv6(2)

Companion

hh3clpv6AddrReadAddr (1.3.6.1.4.1.25506.2.71.1.1.2.1.3)	not-accessible	Current	As per MIB
hh3clpv6AddrReadPfxLength (1.3.6.1.4.1.25506.2.71.1.1.2.1.4)	read-only	Current	As per MIB
hh3clpv6AddrReadSourceType (1.3.6.1.4.1.25506.2.71.1.1.2.1.5)	read-only	Current	Only support assignedIp, assignedEUI64Ip, assignedautoIp and autoIp.
hh3clpv6AddrReadCatalog (1.3.6.1.4.1.25506.2.71.1.1.2.1.6)	read-only	Current	As per MIB

83 HH3C-LAG-MIB

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

83.1 Scalar objects

OID of this table is: 1.3.6.1.4.1.25506.8.25.1

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

83.2 hh3cAggLinkTable

OID of this table is: 1.3.6.1.4.1.25506.8.25.1.1

Name	Access	PDS	Description
hh3cAggLinkNumber (1.3.6.1.4.1.25506.8.25.1.1.1.1)	not-accessible	No	As per MIB
hh3cAggLinkName (1.3.6.1.4.1.25506.8.25.1.1.1.2)	read-create	Current	Not supported

Companion

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

83.3 hh3cAggPortTable

OID of this table is: 1.3.6.1.4.1.25506.8.25.1.2

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

Companion

Name	Access	PDS	Description
4)			

84 HH3C-LPBKDT-MIB

84.1 hh3cLpbkdtObjects

OID of this table is: 1.3.6.1.4.1.25506.2.95.2

Name	Access	PDS	Description
hh3cLpbkdtVlanID (1.3.6.1.4.1.25506.2.95.2.1)	accessible-f or-notify	current	As per MIB

85 HH3C-LSW-DEV-ADM-MIB

85.1 hh3cLswSystemPara group

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.1

Name	Access	PDS	Description
hh3cLswSysIpAddr (1.3.6.1.4.1.25506.8.35.18.1.1)	read-only	No	As per MIB
hh3cLswSysIpMask (1.3.6.1.4.1.25506.8.35.18.1.2)	read-only	No	As per MIB
hh3cLswSysCpuRatio (1.3.6.1.4.1.25506.8.35.18.1.3)	read-only	No	As per MIB
hh3cLswSysVersion (1.3.6.1.4.1.25506.8.35.18.1.4)	read-only	No	As per MIB
hh3cLswSysTime (1.3.6.1.4.1.25506.8.35.18.1.5)	read-write	No	As per MIB
hh3cLswSysUNMCastDropE nable (1.3.6.1.4.1.25506.8.35.18.1.	read-write	Current	Not supported

Companion

Name	Access	PDS	Description
6)			
hh3cLswSysManagementVlan (1.3.6.1.4.1.25506.8.35.18.1.7)	read-write	No	Not supported
hh3cLswSysVlanRange (1.3.6.1.4.1.25506.8.35.18.1.8)	read-write	No	Not supported
hh3cLswSysManagementIpAddress (1.3.6.1.4.1.25506.8.35.18.1.9)	read-write	No	Not supported
hh3cLswSysManagementIpMask (1.3.6.1.4.1.25506.8.35.18.1.10)	read-write	No	Not supported
hh3cMacAddressCountPort (1.3.6.1.4.1.25506.8.35.18.1.11)	read-only	No	Not supported
hh3cMacAddressCountMachine (1.3.6.1.4.1.25506.8.35.18.1.12)	read-only	No	Not supported
hh3cLswSysPhyMemory (1.3.6.1.4.1.25506.8.35.18.1.13)	read-only	No	As per MIB
hh3cLswSysMemory (1.3.6.1.4.1.25506.8.35.18.1.14)	read-only	No	As per MIB
hh3cLswSysMemoryUsed (1.3.6.1.4.1.25506.8.35.18.1.15)	read-only	No	As per MIB
hh3cLswSysMemoryRatio (1.3.6.1.4.1.25506.8.35.18.1.16)	read-only	No	As per MIB
hh3cLswSysTemperature (1.3.6.1.4.1.25506.8.35.18.1.17)	read-only	No	Not supported
hh3cLswSysMemRev (1.3.6.1.4.1.25506.8.35.18.1.18)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cLswSysPhyMemRev (1.3.6.1.4.1.25506.8.35.18.1.19)	read-only	No	As per MIB
hh3cLswSysMemUsedRev (1.3.6.1.4.1.25506.8.35.18.1.20)	read-only	No	As per MIB

85.2 hh3cLswFrameTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.2

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

85.3 hh3cLswSlotTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.3

Name	Access	PDS	Description
hh3cLswSlotIndex (1.3.6.1.4.1.25506.8.35.18.4.3.1.1)	read-only	No	As per MIB
hh3cLswSlotType (1.3.6.1.4.1.25506.8.35.18.4.3.1.2)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cLswSlotDesc (1.3.6.1.4.1.25506.8.35.18.4.3.1.3)	read-write	No	As per MIB
hh3cLswSlotCpuRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.4)	read-only	No	As per MIB
hh3cLswSlotPcbVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.5)	read-only	No	As per MIB
hh3cLswSlotSoftwareVersion (1.3.6.1.4.1.25506.8.35.18.4.3.1.6)	read-only	No	As per MIB
hh3cLswSubslotNumber (1.3.6.1.4.1.25506.8.35.18.4.3.1.7)	read-only	No	As per MIB
hh3cLswSlotAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.8)	read-only	No	As per MIB
hh3cLswSlotOperStatus (1.3.6.1.4.1.25506.8.35.18.4.3.1.9)	read-write	No	support read operation,and only support to write "reset".
hh3cLswSlotPhyMemory (1.3.6.1.4.1.25506.8.35.18.4.3.1.10)	read-only	No	As per MIB
hh3cLswSlotMemory (1.3.6.1.4.1.25506.8.35.18.4.3.1.11)	read-only	No	As per MIB
hh3cLswSlotMemoryUsed (1.3.6.1.4.1.25506.8.35.18.4.3.1.12)	read-only	No	As per MIB
hh3cLswSlotMemoryRatio (1.3.6.1.4.1.25506.8.35.18.4.3.1.13)	read-only	No	As per MIB
hh3cLswSlotTemperature (1.3.6.1.4.1.25506.8.35.18.4.3.1.14)	read-only	No	Not supported.
hh3cLswSlotPktBufFree (1.3.6.1.4.1.25506.8.35.18.4.3.1.15)	read-only	No	As per MIB
hh3cLswSlotPktBufInit	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.35.18.4.3.1.16)			
hh3cLswSlotPktBufMin (1.3.6.1.4.1.25506.8.35.18.4.3.1.17)	read-only	No	As per MIB
hh3cLswSlotPktBufMiss (1.3.6.1.4.1.25506.8.35.18.4.3.1.18)	read-only	No	As per MIB
hh3cLswSlotRunTime (1.3.6.1.4.1.25506.8.35.18.4.3.1.19)	read-only	No	As per MIB
hh3cLswSlotMemRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.20)	read-only	No	As per MIB
hh3cLswSlotPhyMemRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.21)	read-only	No	As per MIB
hh3cLswSlotMemUsedRev (1.3.6.1.4.1.25506.8.35.18.4.3.1.22)	read-only	No	As per MIB

85.4 hh3cLswSubslotTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.18.4.4

Name	Access	PDS	Description
hh3cLswSubslotIndex (1.3.6.1.4.1.25506.8.35.18.4.4.1.1)	read-only	No	As per MIB
hh3cLswSubslotType (1.3.6.1.4.1.25506.8.35.18.4.4.1.2)	read-only	No	As per MIB
hh3cLswSubslotPortNum (1.3.6.1.4.1.25506.8.35.18.4.4.1.3)	read-only	No	As per MIB
hh3cLswSubslotAdminStatus (1.3.6.1.4.1.25506.8.35.18.4.4.1.4)	read-only	No	As per MIB
hh3cLswSubslotFirstIfIndex	read-only	No	Only support ethernet port.

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.35.18.4.4.1.5)			

85.5 hh3cLswPortTable

OID of this table is: 1.3.6.1.4.1.25506. 8.35.18.4.5

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

86 HH3C-LswDEV-MIB

86.1 Scalar objects of hh3cLswdevMMibObject group

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

86.2 hh3cdevMFanStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.1

Name	Access	PDS	Description
hh3cDevMFanNum (1.3.6.1.4.1.25506.8.35.9.1.1.1)	read-only	No	This object is used to identify uniquely fans in device.
hh3cDevMFanStatus (1.3.6.1.4.1.25506.8.35.9.1.1.1.2)	read-only	No	As per MIB

86.3 hh3cdevMPowerStatusTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.2

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

86.4 hh3cdevMSlotEnvironmentTable

OID of this table is :1.3.6.1.4.1.25506.8.35.9.1.3

Name	Access	PDS	Description
hh3cdevMSlotEnvironmentType (1.3.6.1.4.1.25506.8.35.9.1.3.1.1)	not-accessible	No	As per MIB
hh3cDevMSlotEnvironmentStatus (1.3.6.1.4.1.25506.8.35.9.1.3.1.2)	read-only	No	Not supported
hh3cDevMSlotEnvironmentValue	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.35.9.1.3.1.3)			
hh3cDevMSlotEnvironmentUpperLimit (1.3.6.1.4.1.25506.8.35.9.1.3.1.4)	read-write	No	Not supported
hh3cDevMSlotEnvironmentLowerLimit (1.3.6.1.4.1.25506.8.35.9.1.3.1.5)	read-write	No	Not supported

87 HH3C-LswIGSP-MIB

87.1 hh3cLswIgmPsnOopingMibObject

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1

Name	Access	PDS	Description
hh3cIgmPsnOopingStatus (1.3.6.1.4.1.25506.8.35.7.1.1)	read-write	Current	The default setting is disabled
hh3cIgmPsnOopingRouterPortAge (1.3.6.1.4.1.25506.8.35.7.1.2)	read-write	Current	The default value is 260. When the current configured value is greater than 1000, the displayed value on the MIB tool is always 1000.
hh3cIgmPsnOopingResponseTime (1.3.6.1.4.1.25506.8.35.7.1.3)	read-write	Current	As per MIB When the current configured value is greater than 25, the displayed value on the MIB tool is always 25.

Companion

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

87.2 hh3clgmpSnoopingVlanStatusTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1.9

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

87.3 hh3clgmpSnoopingStatsObjects

OID of this table is: 1.3.6.1.4.1.25506.8.35.7.1.10

Name	Access	PDS	Description
hh3cRecvIGMPGQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.1)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPSQueryNum (1.3.6.1.4.1.25506.8.35.7.1.10.2)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.

Companion

Name	Access	PDS	Description
hh3cRecvIGMPV1ReportNum (1.3.6.1.4.1.25506.8.35.7.1.1.0.3)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPV2ReportNum (1.3.6.1.4.1.25506.8.35.7.1.1.0.4)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvIGMPLeaveNum (1.3.6.1.4.1.25506.8.35.7.1.1.0.5)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cRecvErrorIGMPPacketNum (1.3.6.1.4.1.25506.8.35.7.1.1.0.6)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cSentIGMPQueryNum (1.3.6.1.4.1.25506.8.35.7.1.1.0.7)	read-only	No	Disabling IGMP snooping globally or restarting the IGMP snooping process reinitializes statistics for IGMP snooping packets.
hh3cIcmpSnoopingClearStats (1.3.6.1.4.1.25506.8.35.7.1.1.0.8)	read-write	No	As per MIB

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88.1 hh3cifXXTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.1

This table is only supported by interfaces working at bridge mode.

Companion

Name	Access	PDS	Description
hh3cifUnBoundPort (1.3.6.1.4.1.25506.8.35.1.1.1.1)	read-only	No	Not supported
hh3cifISPhyPort (1.3.6.1.4.1.25506.8.35.1.1.1.2)	read-only	No	Not supported
hh3cifAggregatePort (1.3.6.1.4.1.25506.8.35.1.1.1.3)	read-only	No	Not supported
hh3cifMirrorPort (1.3.6.1.4.1.25506.8.35.1.1.1.4)	read-write	Current	Not supported, The value is always false for read operation.
hh3cifVLANType (1.3.6.1.4.1.25506.8.35.1.1.1.5)	read-write	Current	The value fabric(4) is not supported
hh3cifMcastControl (1.3.6.1.4.1.25506.8.35.1.1.1.6)	read-write	Current	As per MIB
hh3cifFlowControl (1.3.6.1.4.1.25506.8.35.1.1.1.7)	read-write	Current	As per MIB
hh3cifSrcMacControl (1.3.6.1.4.1.25506.8.35.1.1.1.8)	read-only	No	Not supported
hh3cifClearStat (1.3.6.1.4.1.25506.8.35.1.1.1.9)	read-write	No	Only support write operation
hh3cifXXBasePortIndex (1.3.6.1.4.1.25506.8.35.1.1.1.10)	read-only	No	As per MIB
hh3cifXXDevPortIndex (1.3.6.1.4.1.25506.8.35.1.1.1.11)	read-only	No	As per MIB
hh3cifPpsMcastControl (1.3.6.1.4.1.25506.8.35.1.1.1.12)	read-write	Current	As per MIB
hh3cifPpsBcastDisValControl (1.3.6.1.4.1.25506.8.35.1.1.1.13)	read-write	Current	Not supported
hh3cifUniSuppressionStep (1.3.6.1.4.1.25506.8.35.1.1.1.14)	read-only	No	Not supported

Companion

Name	Access	PDS	Description
14)			
hh3cifPpsUniSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.15)	read-only	No	Not supported
hh3cifMulSuppressionStep (1.3.6.1.4.1.25506.8.35.1.1.1.16)	read-only	No	Not supported
hh3cifPpsMulSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.17)	read-only	No	Not supported
hh3cifUniSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.18)	read-write	Current	As per MIB
hh3cifPpsUniSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.19)	read-write	Current	As per MIB
hh3cifMulSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.20)	read-write	Current	As per MIB
hh3cifPpsMulSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.21)	read-write	Current	As per MIB
hh3cifComboActivePort (1.3.6.1.4.1.25506.8.35.1.1.1.22)	read-write	No	Not supported
hh3cifBMbpsMulSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.23)	read-only	No	Not supported
hh3cifBMbpsMulSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.24)	read-only	No	Not supported
hh3cifBKbpsMulSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.25)	read-only	No	Not supported
hh3cifBKbpsMulSuppressionStep (1.3.6.1.4.1.25506.8.35.1.1.1.	read-only	No	Not supported

Companion

Name	Access	PDS	Description
26)			
hh3cifBKbpsMulSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.27)	read-only	No	Not supported
hh3cifUnknownPacketDropMul (1.3.6.1.4.1.25506.8.35.1.1.1.28)	read-only	No	Not supported
hh3cifUnknownPacketDropUni (1.3.6.1.4.1.25506.8.35.1.1.1.29)	read-write	Current	Not supported
hh3cifBMbpsUniSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.30)	read-only	No	Not supported
hh3cifBMbpsUniSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.31)	read-write	Current	Not supported
hh3cifBKbpsUniSuppressionMax (1.3.6.1.4.1.25506.8.35.1.1.1.32)	read-only	No	Not supported
hh3cifBKbpsUniSuppressionStep (1.3.6.1.4.1.25506.8.35.1.1.1.33)	read-only	No	Not supported
hh3cifBKbpsUniSuppression (1.3.6.1.4.1.25506.8.35.1.1.1.34)	read-write	Current	Not supported
hh3cifOutPayloadOctets (1.3.6.1.4.1.25506.8.35.1.1.1.35)	read-only	No	Not supported
hh3cifInPayloadOctets (1.3.6.1.4.1.25506.8.35.1.1.1.36)	read-only	No	Not supported
hh3cifInErrorPktsRate (1.3.6.1.4.1.25506.8.35.1.1.1.37)	read-only	No	Not supported
hh3cifInPkts (1.3.6.1.4.1.25506.8.35.1.1.1.	read-only	No	Not supported

Companion

Name	Access	PDS	Description
38)			
hh3cifInNormalPkts (1.3.6.1.4.1.25506.8.35.1.1.1.39)	read-only	No	Not supported
hh3cifOutPkts (1.3.6.1.4.1.25506.8.35.1.1.1.40)	read-only	No	Not supported

88.2 hh3cifAggregateTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.2

This table is not supported.

Name	Access	PDS	Description
hh3cifAggregatePortIndex (1.3.6.1.4.1.25506.8.35.1.2.1.1)	read-only	No	Not supported
hh3cifAggregatePortName (1.3.6.1.4.1.25506.8.35.1.2.1.2)	read-write	No	Not supported
hh3cifAggregatePortListPorts (1.3.6.1.4.1.25506.8.35.1.2.1.3)	read-write	No	Not supported
hh3cifAggregateModel (1.3.6.1.4.1.25506.8.35.1.2.1.4)	read-write	No	Not supported
hh3cifAggregateOperStatus (1.3.6.1.4.1.25506.8.35.1.2.1.5)	read-create	No	Not supported

88.3 hh3cifHybridPortTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.3

Name	Access	PDS	Description
hh3cifHybridPortIndex (1.3.6.1.4.1.25506.8.35.1.3.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
1)			
hh3cifHybridTaggedVlanListLow (1.3.6.1.4.1.25506.8.35.1.3.1.2)	read-write	Current	As per MIB
hh3cifHybridTaggedVlanListHigh (1.3.6.1.4.1.25506.8.35.1.3.1.3)	read-write	Current	As per MIB
hh3cifHybridUnTaggedVlanListLow (1.3.6.1.4.1.25506.8.35.1.3.1.4)	read-write	Current	As per MIB
hh3cifHybridUnTaggedVlanListHigh (1.3.6.1.4.1.25506.8.35.1.3.1.5)	read-write	Current	As per MIB

The values of below objects must be appointed at the same time when SET operation:

hh3cifHybridTaggedVlanListLow,

hh3cifHybridTaggedVlanListHigh,

hh3cifHybridUnTaggedVlanListLow,

hh3cifHybridUnTaggedVlanListHigh

88.4 hh3cifPktBufTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.1.5

Name	Access	PDS	Description
hh3cifPktBufFree (1.3.6.1.4.1.25506.8.35.1.5.1.1)	read-only	No	As per MIB
hh3cifPktBufInit (1.3.6.1.4.1.25506.8.35.1.5.1.2)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
2)			
hh3cifPktBufMin (1.3.6.1.4.1.25506.8.35.1.5.1.3)	read-only	No	As per MIB
hh3cifPktBufMiss (1.3.6.1.4.1.25506.8.35.1.5.1.4)	read-only	No	As per MIB

88.5 Scalar objects of hh3cLswL2InfMibObject

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1

Name	Access	PDS	Description
hh3cSlotPortMax (1.3.6.1.4.1.25506.8.35.5.1.1)	read-only	No	As per MIB
hh3cSwitchPortMax (1.3.6.1.4.1.25506.8.35.5.1.2)	read-only	No	As per MIB
hh3cIsolateGroupMax (1.3.6.1.4.1.25506.8.35.5.1.5)	read-only	No	As per MIB
hh3cGlobalBroadcastMaxPps (1.3.6.1.4.1.25506.8.35.5.1.6)	read-write	Current	Not supported
hh3cGlobalBroadcastMaxRatio (1.3.6.1.4.1.25506.8.35.5.1.7)	read-write	Current	Not supported
hh3cBpduTunnelStatus (1.3.6.1.4.1.25506.8.35.5.1.8)	read-write	Current	Not supported
hh3cVlanVPNTPIDMode (1.3.6.1.4.1.25506.8.35.5.1.9)	read-only	No	Not supported
hh3cVlanVPNTPID (1.3.6.1.4.1.25506.8.35.5.1.10)	read-write	Current	Not supported
hh3cMaxMacLearnRange (1.3.6.1.4.1.25506.8.35.5.1.12)	read-only	Current	The value is 4K.

88.6 hh3cifVLANTrunkStatusTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.3

Name	Access	PDS	Description
hh3cifVLANTrunkIndex (1.3.6.1.4.1.25506.8.35.5.1.3.1.1)	read-only	No	As per MIB
hh3cifVLANTrunkGvrpRegistration (1.3.6.1.4.1.25506.8.35.5.1.3.1.2)	read-write	Current	Not supported
hh3cifVLANTrunkPassListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.4)	read-only	No	As per MIB
hh3cifVLANTrunkPassListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.5)	read-only	No	As per MIB
hh3cifVLANTrunkAllowListLow (1.3.6.1.4.1.25506.8.35.5.1.3.1.6)	read-write	Current	The value of this object must be appointed with hh3cifVLANTrunkAllowListHigh at the same time when SET operation.
hh3cifVLANTrunkAllowListHigh (1.3.6.1.4.1.25506.8.35.5.1.3.1.7)	read-write	Current	The value of this object must be appointed with hh3cifVLANTrunkAllowListLow at the same time when SET operation.

88.7 hh3cethernetTable of hh3cLswL2InfMibObject

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.4

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

Companion

Name	Access	PDS	Description
			Hundred- GigabitEthernet interface.
hh3cifEthernetMTU (1.3.6.1.4.1.25506.8.35.5.1.4.1.4)	read-write	Current	The range is from 1536 to 10000. For set operation, value 1 mean enable function(equal to set 10000), value 2 mean undo enable function(equal to set 1536). Only interface that works at bridge mode and support setting jumbo frame from command line support write operation.
hh3cifEthernetSpeed (1.3.6.1.4.1.25506.8.35.5.1.4.1.5)	read-write	Current	s1000 and above can not be written to Ethernet interface. s10000 and above can not be written to GigabitEthernet interface. Only s1000 and below can be written to GigabitEthernet interface. s10000 and below can be written to Ten-GigabitEthernet interfaces, more info please see product manu. Write is not supported by Forty-GigabitEthernet and Hundred-GigabitEthernet interface.
hh3cifEthernetMdi (1.3.6.1.4.1.25506.8.35.5.1.4.1.7)	read-write	Current	Wirte is not supported by Ten-GigabitEthernet ,Forty-GigabitEthernet , Hundred-GigabitEthernet interface and GigabitEthernet interface with fiber-optic connector.
hh3cMaxMacLearn (1.3.6.1.4.1.25506.8.35.5.1.4.1.8)	read-write	Current	The maximum number of MAC addresses that the port can learn must be no more

Companion

Name	Access	PDS	Description
			than the number of MAC addresses that the port supports to learn. Confirm whether a bridge-aggregation port supports the set value with the corresponding product.
hh3cifMacAddressLearn (1.3.6.1.4.1.25506.8.35.5.1.4.1.9)	read-only	No	As per MIB
hh3cifEthernetTest (1.3.6.1.4.1.25506.8.35.5.1.4.1.10)	read-write	No	Not supported
hh3cifMacAddrLearnMode (1.3.6.1.4.1.25506.8.35.5.1.4.1.11)	read-only	No	Not supported
hh3cifEthernetFlowInterval (1.3.6.1.4.1.25506.8.35.5.1.4.1.12)	read-write	Current	As per MIB
hh3cifEthernetIsolate (1.3.6.1.4.1.25506.8.35.5.1.4.1.13)	read-write	No	Not supported
hh3cifVlanVPNStatus (1.3.6.1.4.1.25506.8.35.5.1.4.1.14)	read-write	No	Not supported
hh3cifVlanVPNUplinkStatus(1.3.6.1.4.1.25506.8.35.5.1.4.1.15)	read-write	No	Not supported
hh3cifVlanVPNTPID(1.3.6.1.4.1.25506.8.35.5.1.4.1.16)	read-write	No	Not supported
hh3cifIsolateGroupID (1.3.6.1.4.1.25506.8.35.5.1.4.1.17)	read-write	Current	0 means this interface does not belong to any isolate group
hh3cifisUplinkPort (1.3.6.1.4.1.25506.8.35.5.1.4.1.18)	read-only	Current	Not supported
hh3cifEthernetAutoSpeedMask (1.3.6.1.4.1.25506.8.35.5.1.4.1.19)	read-only	Current	As per MIB
hh3cifEthernetAutoSpeed	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.35.5.1.4.1.20)			

88.8 hh3cPortIsolateGroupTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.11

Name	Access	PDS	Description
hh3cPortIsolateGroupIndex (1.3.6.1.4.1.25506.8.35.5.1.1.1.1)	not-accessible	Current	As per MIB
hh3cPortIsolateUplinkIfIndex (1.3.6.1.4.1.25506.8.35.5.1.1.1.2)	read-create	Current	Not supported
hh3cPortIsolateGroupRowStatus (1.3.6.1.4.1.25506.8.35.5.1.1.1.3)	read-create	Current	Support createAndGo(4), destroy(6) and active(1). When the value is active, the port isolate group is available. Otherwise the port isolate group is unavailable. Node can be set only if the device supports multiple PortIsolateGroups.
hh3cPortIsolateGroupDescription (1.3.6.1.4.1.25506.8.35.5.1.1.1.4)	read-create	Current	Not supported

88.9 hh3cifPortProtocolStatTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.5.1.13

Name	Access	PDS	Description
hh3cifIPv4InOctets (1.3.6.1.4.1.25506.8.35.5.1.1.3.1.1)	read-only	Current	Not supported
hh3cifIPv4InUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1.3.1.2)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cifIPv4InMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.3)	read-only	Current	Not supported
hh3cifIPv4InBroadcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.4)	read-only	Current	Not supported
hh3cifIPv4OutOctets (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.5)	read-only	Current	Not supported
hh3cifIPv4OutUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.6)	read-only	Current	As per MIB
hh3cifIPv4OutMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.7)	read-only	Current	As per MIB
hh3cifIPv4OutBroadcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.8)	read-only	Current	Not supported
hh3cifIPv6InOctets (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.9)	read-only	Current	Not supported
hh3cifIPv6InUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.10)	read-only	Current	As per MIB
hh3cifIPv6InMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.11)	read-only	Current	Not supported
hh3cifIPv6InAnycastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.12)	read-only	Current	Not supported
hh3cifIPv6OutOctets (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.13)	read-only	Current	Not supported
hh3cifIPv6OutUcastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.14)	read-only	Current	As per MIB
hh3cifIPv6OutMultiPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.15)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cifIPv6OutAnycastPkts (1.3.6.1.4.1.25506.8.35.5.1.1 3.1.16)	read-only	Current	Not supported

89 HH3C-LswMAM-MIB

89.1 hh3cdot1qTpFdbSetTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.3.2

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

Name	Access	PDS	Description
hh3cdot1qTpFdbSetAddress (1.3.6.1.4.1.25506.8.35.3.2.1. 1)	not-accessible	Current	As per MIB
hh3cdot1qTpFdbSetPort (1.3.6.1.4.1.25506.8.35.3.2.1. 2)	read-write	Current	If the state of the MAC address is "blackhole", the value of this object is 0.
hh3cdot1qTpFdbSetStatus (1.3.6.1.4.1.25506.8.35.3.2.1. 3)	read-write	Current	The MAC addresses configured as dynamic are integrated into the MAC addresses learned.
hh3cdot1qTpFdbSetOperate (1.3.6.1.4.1.25506.8.35.3.2.1. 4)	read-write	No	Only support set operation. Note: It does not support set operation for the entry whose hh3cdot1qTpFdbSetStatus is 'security'.

90 HH3C-LswMix-MIB

This MIB is used for switch only.

90.1 Scalar objects of hh3cLswMix group

OID of this table is: 1.3.6.1.4.1.25506.8.35.17

Name	Access	PDS	Description
hh3cLswLastSwitchDate (1.3.6.1.4.1.25506.8.35.17.1)	read-only	No	As per MIB
hh3cLswLastSwitchTime (1.3.6.1.4.1.25506.8.35.17.2)	read-only	No	As per MIB
hh3cLswMpuSwitchsNum (1.3.6.1.4.1.25506.8.35.17.3)	read-only	No	As per MIB
hh3cLswMpuSwitch (1.3.6.1.4.1.25506.8.35.17.4)	read-write	No	Only support write operation.

90.2 hh3cLswXSlotTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.17.5

Name	Access	PDS	Description
hh3cLswMainCardBoardStat us (1.3.6.1.4.1.25506.8.35.17.5. 1.1)	read-only	No	As per MIB

91 HH3C-LswMSTP-MIB

This MIB is used for products which support MSTP function.

91.1 Scalar objects

Name	Access	PDS	Description
hh3cDot1sStpStatus (1.3.6.1.4.1.25506.8.35.14.1)	read-write	Current	As per MIB
hh3cDot1sStpForceVersion (1.3.6.1.4.1.25506.8.35.14.2)	read-write	Current	As per MIB
hh3cDot1sStpDiameter	read-write	Current	The object is correlated with

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.35.14.3)			dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay, which is defined in IEEE 802.1d standard. A modification to this object will cause the other three to change. Changing any of dot1dStpHelloTime, dot1dStpMaxAge and dot1dStpForwardDelay alone will result in incorrect correlation between this object and these three ones. If any of these three objects changed, the reading value of this object is insignificant.
hh3cdot1sMstBridgeMaxHops (1.3.6.1.4.1.25506.8.35.14.4)	read-write	Current	As per MIB
hh3cdot1sMstMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.5)	read-only	No	As per MIB
hh3cdot1sMstMasterPathCost (1.3.6.1.4.1.25506.8.35.14.6)	read-only	No	As per MIB
hh3cdot1sMstBpduGuard (1.3.6.1.4.1.25506.8.35.14.7)	read-write	Current	As per MIB
hh3cdot1sMstAdminFormatSelector (1.3.6.1.4.1.25506.8.35.14.8)	read-write	No	Only can be set 0.
hh3cdot1sMstAdminRegionName (1.3.6.1.4.1.25506.8.35.14.9)	read-write	No	As per MIB
hh3cdot1sMstAdminRevisionLevel (1.3.6.1.4.1.25506.8.35.14.10)	read-write	No	As per MIB
hh3cdot1sMstOperFormatSelector (1.3.6.1.4.1.25506.8.35.14.11)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cdot1sMstOperRegionName (1.3.6.1.4.1.25506.8.35.14.12)	read-only	Current	As per MIB
hh3cdot1sMstOperRevisionLevel (1.3.6.1.4.1.25506.8.35.14.13)	read-only	Current	As per MIB
hh3cdot1sMstOperConfigDigest (1.3.6.1.4.1.25506.8.35.14.14)	read-only	No	As per MIB
hh3cdot1sMstRegionConfActive (1.3.6.1.4.1.25506.8.35.14.15)	read-write	No	The default value is enable. The value disable is effective only for reading and indicates that the region configuration is inactive.
hh3cdot1sMstDefaultVlanAllo (1.3.6.1.4.1.25506.8.35.14.16)	read-write	No	As per MIB
hh3cdot1sMstDefaultRegionName (1.3.6.1.4.1.25506.8.35.14.17)	read-write	No	As per MIB
hh3cdot1sStpPathCostStandard (1.3.6.1.4.1.25506.8.35.14.21)	read-write	No	Path cost standard of the bridge. Value dot1d-1998 is IEEE 802.1d standard in 1998, value dot1t is IEEE 802.1t standard, and value legacy is a private legacy standard.

91.2 hh3cdot1sVIDAllocationTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.14.18

Name	Access	PDS	Description
hh3cdot1sMstVID (1.3.6.1.4.1.25506.8.35.14.18.1.1)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cdot1sAdminMstiID (1.3.6.1.4.1.25506.8.35.14.18.1.2)	read-write	No	As per MIB
hh3cdot1sOperMstiID (1.3.6.1.4.1.25506.8.35.14.18.1.3)	read-only	Current	As per MIB

91.3 hh3cdot1sInstanceTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.14.19

Name	Access	PDS	Description
hh3cdot1sInstanceID (1.3.6.1.4.1.25506.8.35.14.19.1.1)	read-only	Current	As per MIB
hh3cdot1sMstiBridgeID (1.3.6.1.4.1.25506.8.35.14.19.1.2)	read-only	No	As per MIB
hh3cdot1sMstiBridgePriority (1.3.6.1.4.1.25506.8.35.14.19.1.3)	read-write	Current	As per MIB
hh3cdot1sMstiDesignedRoot (1.3.6.1.4.1.25506.8.35.14.19.1.4)	read-only	No	As per MIB
hh3cdot1sMstiRootPathCost (1.3.6.1.4.1.25506.8.35.14.19.1.5)	read-only	No	As per MIB
hh3cdot1sMstiRootPort (1.3.6.1.4.1.25506.8.35.14.19.1.6)	read-only	No	As per MIB
hh3cdot1sMstiRootType (1.3.6.1.4.1.25506.8.35.14.19.1.7)	read-write	Current	As per MIB
hh3cdot1sMstiRemainingHops (1.3.6.1.4.1.25506.8.35.14.19.1.8)	read-only	No	As per MIB
hh3cdot1sMstiAdminMappedVlanListLow (1.3.6.1.4.1.25506.8.35.14.19)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
.1.9)			
hh3cdot1sMstiAdminMappedVlanListHigh (1.3.6.1.4.1.25506.8.35.14.19.1.10)	read-only	No	As per MIB
hh3cdot1sMstiOperMappedVlanListLow (1.3.6.1.4.1.25506.8.35.14.19.1.11)	read-only	Current	As per MIB
hh3cdot1sMstiOperMappedVlanListHigh (1.3.6.1.4.1.25506.8.35.14.19.1.12)	read-only	Current	As per MIB

91.4 hh3cdot1sPortTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.14.20

Name	Access	PDS	Description
hh3cdot1sMstiPortIndex (1.3.6.1.4.1.25506.8.35.14.20.1.1)	read-only	No	As per MIB
hh3cdot1sMstiState (1.3.6.1.4.1.25506.8.35.14.20.1.2)	read-only	No	The value disabled is not used by the node.
hh3cdot1sMstiPortPriority (1.3.6.1.4.1.25506.8.35.14.20.1.3)	read-write	Current	As per MIB
hh3cdot1sMstiPathCost (1.3.6.1.4.1.25506.8.35.14.20.1.4)	read-write	Current	As per MIB
hh3cdot1sMstiDesignatedRoot (1.3.6.1.4.1.25506.8.35.14.20.1.5)	read-only	No	As per MIB
hh3cdot1sMstiDesignatedCost (1.3.6.1.4.1.25506.8.35.14.20.1.6)	read-only	No	As per MIB
hh3cdot1sMstiDesignatedBridge (1.3.6.1.4.1.25506.8.35.14.20.1.7)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
dge (1.3.6.1.4.1.25506.8.35.14.20.1.7)			
hh3cdot1sMstiDesignatedPort (1.3.6.1.4.1.25506.8.35.14.20.1.8)	read-only	No	As per MIB
hh3cdot1sMstiMasterBridgeID (1.3.6.1.4.1.25506.8.35.14.20.1.9)	read-only	No	As per MIB
hh3cdot1sMstiMasterPortCost (1.3.6.1.4.1.25506.8.35.14.20.1.10)	read-only	No	As per MIB
hh3cdot1sMstiStpPortEdgeport (1.3.6.1.4.1.25506.8.35.14.20.1.11)	read-write	Current	As per MIB
hh3cdot1sMstiStpPortPointToPoint (1.3.6.1.4.1.25506.8.35.14.20.1.12)	read-write	Current	As per MIB
hh3cdot1sMstiStpMcheck (1.3.6.1.4.1.25506.8.35.14.20.1.13)	read-write	No	As per MIB
hh3cdot1sMstiStpTransLimit (1.3.6.1.4.1.25506.8.35.14.20.1.14)	read-write	Current	Default value is 10.
hh3cdot1sMstiStpRXStpBPD U (1.3.6.1.4.1.25506.8.35.14.20.1.15)	read-only	No	As per MIB
hh3cdot1sMstiStpTXStpBPD U (1.3.6.1.4.1.25506.8.35.14.20.1.16)	read-only	No	As per MIB
hh3cdot1sMstiStpRXTCNBP DU (1.3.6.1.4.1.25506.8.35.14.20.1.17)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cdot1sMstiStpTXTCNBP DU (1.3.6.1.4.1.25506.8.35.14.20 .1.18)	read-only	No	As per MIB
hh3cdot1sMstiStpRXRSTPB PDU (1.3.6.1.4.1.25506.8.35.14.20 .1.19)	read-only	No	As per MIB
hh3cdot1sMstiStpTXRSTPB DU (1.3.6.1.4.1.25506.8.35.14.20 .1.20)	read-only	No	As per MIB
hh3cdot1sMstiStpRXMSTPB PDU (1.3.6.1.4.1.25506.8.35.14.20 .1.21)	read-only	No	As per MIB
hh3cdot1sMstiStpTXMSTPB PDU (1.3.6.1.4.1.25506.8.35.14.20 .1.22)	read-only	No	As per MIB
hh3cdot1sMstiStpClearStatist ics (1.3.6.1.4.1.25506.8.35.14.20 .1.23)	read-write	No	As per MIB
hh3cdot1sMstiStpDefaultPort Cost (1.3.6.1.4.1.25506.8.35.14.20 .1.24)	read-write	No	As per MIB
hh3cdot1sMstiStpStatus (1.3.6.1.4.1.25506.8.35.14.20 .1.25)	read-write	Current	As per MIB
hh3cdot1sMstiPortRootGuard (1.3.6.1.4.1.25506.8.35.14.20 .1.26)	read-write	Current	As per MIB
hh3cdot1sMstiPortLoopGuar d (1.3.6.1.4.1.25506.8.35.14.20 .1.27)	read-write	Current	As per MIB
hh3cdot1sMstiStpPortSendin gBPDUType (1.3.6.1.4.1.25506.8.35.14.20	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
.1.28)			
hh3cdot1sMstiStpOperPortPointToPoint (1.3.6.1.4.1.25506.8.35.14.20.1.29)	read-only	Current	As per MIB
hh3cdot1sMstiStpPortAdminBPDUFmt (1.3.6.1.4.1.25506.8.35.14.20.1.30)	read-write	No	The value of the node is an administrative value. Value legacy means that the MST BPDU format is forced to legacy. Value dot1s means that the MST BPDU format is forced to IEEE 802.1s. Value auto means that the format of MST BPDU sending on the port is determined by the MST BPDU that the port has received. Effective in CIST.
hh3cdot1sMstiStpPortOperBPDUFmt (1.3.6.1.4.1.25506.8.35.14.20.1.31)	read-only	No	The format of MST BPDU which the port is sending. Value legacy means that the format of MST BPDU sending on the port is legacy. Value dot1s means that the format of MST BPDU sending on the port is IEEE 802.1s. Effective in CIST.
hh3cdot1sMstiStpPortRoleRestriction(1.3.6.1.4.1.25506.8.35.14.20.1.32)	read-write	Current	As per MIB
hh3cdot1sMstiStpPortTcRestriction(1.3.6.1.4.1.25506.8.35.14.20.1.33)	read-write	Current	As per MIB
hh3cdot1sMstiStpPortDisputed(1.3.6.1.4.1.25506.8.35.14.20.1.34)	read-only	No	As per MIB

92 HH3C-LswVLAN-MIB

This MIB is used for switch only.

92.1 Scalar objects

Name	Access	PDS	Description
hh3cVLANMibGarpLeaveAlTime (1.3.6.1.4.1.25506.8.35.2.2.14)	read-write	Current	Not supported

92.2 hh3cvLANMibSwitchCountTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.2.15

Name	Access	PDS	Description
hh3cVLANMibSwitchGMRPRXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.1)	read-only	No	Not supported
hh3cVLANMibSwitchGVRPRXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.2)	read-only	No	Not supported
hh3cVLANMibSwitchGMRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.3)	read-only	No	Not supported
hh3cVLANMibSwitchGVRPTXPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.4)	read-only	No	Not supported
hh3cVLANMibSwitchDiscardedPkt (1.3.6.1.4.1.25506.8.35.2.2.15.1.5)	read-only	No	Not supported
hh3cVLANMibSwitchGarpStatClear (1.3.6.1.4.1.25506.8.35.2.2.15.1.6)	write-only	No	Not supported

Companion

Name	Access	PDS	Description
5.1.6)			

92.3 hh3cvLANMibHoldTimeTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.2.16

Name	Access	PDS	Description
hh3cVLANMibHoldTime (1.3.6.1.4.1.25506.8.35.2.2.1 6.1.1)	read-write	No	Not supported

92.4 hh3cdot1qVlanMIBTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.1

Name	Access	PDS	Description
hh3cdot1qVlanIndex (1.3.6.1.4.1.25506.8.35.2.1.1. 1.1)	read-only	No	As per MIB
hh3cdot1qVlanName (1.3.6.1.4.1.25506.8.35.2.1.1. 1.2)	read-write	Current	Spaces at the beginning or the end of the hh3cdot1qVlanName will be removed. A string composed with spaces is not supported either. A null string inputted as hh3cdot1qVlanName will be replaced with the default description of the vlan.
hh3cdot1qVlanPorts (1.3.6.1.4.1.25506.8.35.2.1.1. 1.3)	read-write	Current	As per MIB
hh3cdot1qVlanType (1.3.6.1.4.1.25506.8.35.2.1.1. 1.4)	read-write	Current	Value of isolate-user-vlan(4) is not support.
hh3cdot1qVlanMacFilter (1.3.6.1.4.1.25506.8.35.2.1.1. 1.5)	read-only	No	Not supported, it's value is always false(2), which means "not supported"

Companion

Name	Access	PDS	Description
hh3cdot1qVlanMcastUnknownProtos (1.3.6.1.4.1.25506.8.35.2.1.1.1.6)	read-only	No	Not supported, it's value is always false(2), which means "not supported"
hh3cExistInterface (1.3.6.1.4.1.25506.8.35.2.1.1.1.7)	read-only	No	As per MIB
hh3cVlanInterfaceIndex (1.3.6.1.4.1.25506.8.35.2.1.1.1.8)	read-only	No	As per MIB
hh3cdot1qVlanMacLearn (1.3.6.1.4.1.25506.8.35.2.1.1.1.9)	read-only	No	Not supported. Its value is always 2(false), which means "not supported"
hh3cdot1qVlanStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.10)	read-only	No	As per MIB
hh3cdot1qVlanCreationTime (1.3.6.1.4.1.25506.8.35.2.1.1.1.11)	read-only	No	As per MIB
hh3cdot1qVlanPriority (1.3.6.1.4.1.25506.8.35.2.1.1.1.12)	read-write	No	Only support read operation.
hh3cdot1qVlanRowStatus (1.3.6.1.4.1.25506.8.35.2.1.1.1.13)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6)
hh3cdot1qVlanBroadcastSuppression (1.3.6.1.4.1.25506.8.35.2.1.1.1.14)	read-write	No	Only support read operation, it's value is always 100, which means "not supported"
hh3cdot1qVlanBcastSuppressionPPS (1.3.6.1.4.1.25506.8.35.2.1.1.1.15)	read-write	No	Not supported.
hh3cdot1qVlanMulticast (1.3.6.1.4.1.25506.8.35.2.1.1.1.16)	read-write	No	Not supported.
hh3cdot1qVlanTaggedPorts (1.3.6.1.4.1.25506.8.35.2.1.1.1.17)	read-only	Current	As per MIB
hh3cdot1qVlanUntaggedPort	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
s (1.3.6.1.4.1.25506.8.35.2.1.1.1.18)			
hh3cdot1qVlanPortIndexs (1.3.6.1.4.1.25506.8.35.2.1.1.1.19)	read-write	Current	As per MIB

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

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

The configure nodes in this table include:

hh3cdot1qVlanName

hh3cdot1qVlanPorts

hh3cdot1qVlanType

hh3cdot1qVlanPriority

hh3cdot1qVlanRowStatus

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

Rest of the leaf nodes are query nodes.

2.hh3cdot1qVlanMIBTable configuration instruction:

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

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

For this MIB, there are two kinds of operation:

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

When the rowstatus node and the following nodes are set simultaneously

hh3cdot1qVlanName

hh3cdot1qVlanPorts

hh3cdot1qVlanType

hh3cdot1qVlanPriority

hh3cdot1qVlanBroadcastSuppression

hh3cdot1qVlanBcastSuppressionPPS

hh3cdot1qVlanMulticast (Not support)

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

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

Here are some examples for the error mentioned above:

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

2) hh3cdot1qVlanType: with value sub-vlan(3) cannot be set using this MIB, when rowstatus(createAndGo(4)) and hh3cdot1qVlanType(sub-vlan(3)) are set

together, Operation will fail while the row has already been created.

It is recommended to set `hh3cdot1qVlanRowStatus(createAndGo(4))` and other node properties separately to avoid such kind of error.

2.2 Row already exist and set node properties:

For the following nodes:

`hh3cdot1qVlanName` The name length cannot exceed 32 characters.

`hh3cdot1qVlanPorts` To set the node successfully you should first get the value of the node, and then only change the corresponding bit of the access port.

`hh3cdot1qVlanType` sub-vlan(3) secondary-vlan(5) cannot be set using this MIB

`hh3cdot1qVlanPriority`

`hh3cdot1qVlanBroadcastSuppression`

`hh3cdot1qVlanBcastSuppressionPPS`

`hh3cdot1qVlanMulticast` (Not support)

3. configuration example

1) Configuration success

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

2) Configuration fail

Precondition: there is trunk type port existing on the device and port not belongs to this vlan. `hh3cdot1qVlanRowStatus(createAndGo(4))` and `hh3cdot1qVlanPorts`

with trunk port corresponding bit in the octet string setting to 1 are set together,

Operation will fail while the row has already been created.

92.5 hh3cVlanInterfaceTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.2

The values of below objects must be appointed at the same time when SET operation:

hh3cdot1qVlanIpAddress,

hh3cdot1qVlanIpAddressMask,

Name	Access	PDS	Description
hh3cVlanInterfaceID (1.3.6.1.4.1.25506.8.35.2.1.2.1.1)	read-only	No	As per MIB
hh3cdot1qVlanID (1.3.6.1.4.1.25506.8.35.2.1.2.1.2)	read-only	No	As per MIB
hh3cdot1qVlanIpAddress (1.3.6.1.4.1.25506.8.35.2.1.2.1.3)	read-write	Current	As per MIB
hh3cdot1qVlanIpAddressMask (1.3.6.1.4.1.25506.8.35.2.1.2.1.4)	read-write	Current	As per MIB
hh3cVlanInterfaceAdminStatus (1.3.6.1.4.1.25506.8.35.2.1.2.1.5)	read-write	Current	As per MIB
hh3cVlanInterfaceFrameType (1.3.6.1.4.1.25506.8.35.2.1.2.1.6)	read-only	No	As per MIB
hh3cInterfaceRowStatus (1.3.6.1.4.1.25506.8.35.2.1.2.1.7)	read-create	Current	Only support active(1), createAndgo(4) and destroy(6). When the

Companion

Name	Access	PDS	Description
			rowstatus node and the other nodes in this table are set simultaneously, the row will be created before setting the properties, if errors happen when setting the properties, operation will fail while the row has already been created. It is recommended to set hh3cInterfaceRowStatus (createAndGo(4)) and other node properties separately to avoid such kind of error. Set status column to createAndGo when the status column is active, it will be succeed.
hh3cVlanInterfaceIpMethod (1.3.6.1.4.1.25506.8.35.2.1.2.1.8)	read-write	No	Only support read operation
hh3cVlanInterfaceIfIndex (1.3.6.1.4.1.25506.8.35.2.1.2.1.9)	read-only	No	As per MIB

92.6 hh3cifIsolateMappingTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.4

The values of below objects must be appointed at the same time when SET operation:

hh3cifIsolateSecondaryVlanlistLow,

hh3cifIsolateSecondaryVlanlistHigh,

Name	Access	PDS	Description
hh3cifIsolatePrimaryVlanID (1.3.6.1.4.1.25506.8.35.2.1.4.1.1)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3ciflssolateSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.4.1.2)	read-write	Current	As per MIB
hh3ciflssolateSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.4.1.3)	read-write	Current	As per MIB

92.7 hh3cVlanInterfaceAddrTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.5

The values of below objects must be appointed at the same time when the value of hh3cVlanInterfaceIpRowStatus is SNMP_ROW_CREATEANDGO:

hh3cVlanInterfaceIpAddr

hh3cVlanInterfaceIpMask

If the value of hh3cVlanInterfaceIpRowStatus is SNMP_ROW_DESTROY, hh3cVlanInterfaceIpAddr, hh3cVlanInterfaceIpMask and hh3cVlanInterfaceIpType are required.

Name	Access	PDS	Description
hh3cVlanInterfaceIpIfIndex (1.3.6.1.4.1.25506.8.35.2.1.5.1.1)	read-only	No	As per MIB
hh3cVlanInterfaceIpAddr (1.3.6.1.4.1.25506.8.35.2.1.5.1.2)	read-only	Current	As per MIB
hh3cVlanInterfaceIpMask (1.3.6.1.4.1.25506.8.35.2.1.5.1.3)	read-create	Current	As per MIB
hh3cVlanInterfaceIpType (1.3.6.1.4.1.25506.8.35.2.1.5.1.4)	read-create	Current	As per MIB Only support primary(1) and sub(2).
hh3cVlanInterfaceIpRowStatu	read-create	Current	Only support

Companion

Name	Access	PDS	Description
s (1.3.6.1.4.1.25506.8.35.2.1.5. 1.5)			createAndgo(4) and destroy(6).

92.8 hh3cPrivateVlanMappingTable

OID of this table is: 1.3.6.1.4.1.25506.8.35.2.1.8

The values of below objects must be appointed at the same time when SET operation:

hh3cSecondaryVlanlistLow,

hh3cSecondaryVlanlistHigh,

Name	Access	PDS	Description
hh3cPrimaryVlanID (1.3.6.1.4.1.25506.8.35.2.1.8. 1.1)	read-only	Current	As per MIB
hh3cSecondaryVlanlistLow (1.3.6.1.4.1.25506.8.35.2.1.8. 1.2)	read-write	Current	As per MIB
hh3cSecondaryVlanlistHigh (1.3.6.1.4.1.25506.8.35.2.1.8. 1.3)	read-write	Current	As per MIB

93 HH3C-MAC-INFORMATION-MIB

93.1 Scalar objects

Name	Access	PDS	Description
hh3cMACInformationEnabled (1.3.6.1.4.1.25506.2.87.1.1.1)	read-write	Current	As per MIB
hh3cMACInformationcSendIn terval (1.3.6.1.4.1.25506.2.87.1.1.2)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cMACInformationLearntMACNum (1.3.6.1.4.1.25506.2.87.1.1.3)	read-only	No	As per MIB
hh3cMACInformationRemovedMACNum (1.3.6.1.4.1.25506.2.87.1.1.4)	read-only	No	As per MIB
hh3cMACInformationTrapSendNum (1.3.6.1.4.1.25506.2.87.1.1.5)	read-only	No	As per MIB
hh3cMACInformationSyslogSendNum (1.3.6.1.4.1.25506.2.87.1.1.6)	read-only	No	As per MIB
hh3cMACInformationCacheLength (1.3.6.1.4.1.25506.2.87.1.1.7)	read- write	Current	As per MIB
hh3cMACInformationWorkMode (1.3.6.1.4.1.25506.2.87.1.1.8)	read-write	Current	As per MIB

93.2 hh3cMACInformationIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.87.1.2.1

Name	Access	PDS	Description
hh3cMACLearntEnable (1.3.6.1.4.1.25506.2.87.1.2.1.1)	read- write	Current	As per MIB
hh3cMACRemovedEnable (1.3.6.1.4.1.25506.2.87.1.2.1.2)	read- write	Current	As per MIB

93.3 scalar objects for notify

When the cached number of MAC address information has reached the value specified by hh3cMACInformationCacheLen but the amount of time elapsed since the previous notification is not greater than the interval value specified by hh3cMACInformationcSendInterval, the device overwrites the last piece of information

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written into the cache queue with the new MAC address change. The trap is generated and sent to the remote monitoring device when the amount of time elapsed since the previous notification is greater than the interval value specified by

hh3cMACInformationcSendInterval and at least one cached MAC address information learnt or removed.

Name	Access	PDS	Description
hh3cMACInfoTrapVerExt (1.3.6.1.4.1.25506.2.87.1.4.2.1)	accessible-f or-notify	No	As per MIB
hh3cMACInfoTrapIndexExt (1.3.6.1.4.1.25506.2.87.1.4.2.2)	accessible-f or-notify	No	As per MIB
hh3cMACInfoTrapCountExt (1.3.6.1.4.1.25506.2.87.1.4.2.3)	accessible-f or-notify	No	As per MIB
hh3cMACInfoTrapMsgExt (1.3.6.1.4.1.25506.2.87.1.4.2.4)	accessible-f or-notify	No	As per MIB

94 HH3C-MACSEC-MIB

The HH3C-MACSEC-MIB provides MACsec configuration objects.

94.1 hh3cMACsecCFGPortTable

Table OID: 1.3.6.1.4.1.25506.2.163.1.1.

Name	Access	PDS	Description
hh3cMACsecCFGPortIndex (1.3.6.1.4.1.25506.2.163.1.1.1)	not-accessible	No	As per MIB
hh3cMACsecCFGPortPSKCAK Name (1.3.6.1.4.1.25506.2.163.1.1.2)	read-write	Current	Octet string, 0 to 64 characters.
hh3cMACsecCFGPortPSKCAK Value (1.3.6.1.4.1.25506.2.163.1.1.3)	read-write	Current	Octet string, 0 to 64 characters.

95 HH3C-MIRRORGROUP-MIB

95.1 hh3cMGTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.1.1

Name	Access	PDS	Description
hh3cMGID (1.3.6.1.4.1.25506.2.68.1.1.1.1)	not-accessible	Current	Range from 1 to 4.
hh3cMGType (1.3.6.1.4.1.25506.2.68.1.1.1.2)	read-create	Current	As per MIB
hh3cMGStatus (1.3.6.1.4.1.25506.2.68.1.1.1.3)	read-only	Current	As per MIB
hh3cMGRowStatus (1.3.6.1.4.1.25506.2.68.1.1.1.4)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

95.2 hh3cMGMirrorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.2.1

Name	Access	PDS	Description
hh3cMGMirrorIfIndex (1.3.6.1.4.1.25506.2.68.1.2.1.1)	not-accessible	Current	As per MIB
hh3cMGMirrorDirection (1.3.6.1.4.1.25506.2.68.1.2.1.2)	not-accessible	Current	As per MIB
hh3cMGMirrorRowStatus (1.3.6.1.4.1.25506.2.68.1.2.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

95.3 hh3cMGMonitorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.3.1

Name	Access	PDS	Description
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Name	Access	PDS	Description
hh3cMGMonitorIfIndex (1.3.6.1.4.1.25506.2.68.1.3.1.1.1)	not-accessible	Current	As per MIB
hh3cMGMonitorRowStatus (1.3.6.1.4.1.25506.2.68.1.3.1.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

95.4 hh3cMGReflectorIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.4.1

Name	Access	PDS	Description
hh3cMGReflectorIfIndex (1.3.6.1.4.1.25506.2.68.1.4.1.1.1)	not-accessible	Current	As per MIB
hh3cMGReflectorRowStatus (1.3.6.1.4.1.25506.2.68.1.4.1.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

95.5 hh3cMGRprobeVlanTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.5.1

Name	Access	PDS	Description
hh3cMGRprobeVlanID (1.3.6.1.4.1.25506.2.68.1.5.1.1.1)	not-accessible	Current	As per MIB
hh3cMGRprobeVlanRowStatus (1.3.6.1.4.1.25506.2.68.1.5.1.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

95.6 hh3cMGEgressIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.68.1.6.1

Name	Access	PDS	Description
hh3cMGEgressIfIndex (1.3.6.1.4.1.25506.2.68.1.6.1.1.1)	not-accessible	Current	As per MIB
hh3cMGEgressRowStatus (1.3.6.1.4.1.25506.2.68.1.6.1.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

96 HH3C-MPM-MIB

96.1 hh3cMPMObject

OID of this table is: 1.3.6.1.4.1.25506.2.51.1

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

96.2 hh3cMPortGroupJoinTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.1

Name	Access	PDS	Description
hh3cMPortGroupJoinVlanID (1.3.6.1.4.1.25506.2.51.2.1.1.1)	not-accessible	No	As per MIB
hh3cMPortGroupJoinAddressType (1.3.6.1.4.1.25506.2.51.2.1.1.2)	not-accessible	No	As per MIB
hh3cMPortGroupJoinAddress (1.3.6.1.4.1.25506.2.51.2.1.1.3)	not-accessible	No	As per MIB
hh3cMPortGroupJoinStatus (1.3.6.1.4.1.25506.2.51.2.1.1.4)	read-create	Current	Not supported

96.3 hh3cMPortGroupTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.2

Name	Access	PDS	Description
hh3cMPortGroupVlanID (1.3.6.1.4.1.25506.2.51.2.2.1.1)	not-accessible	No	As per MIB

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Name	Access	PDS	Description
hh3cMPortGroupAddressType (1.3.6.1.4.1.25506.2.51.2.2.1.2)	read-only	No	As per MIB
hh3cMPortGroupAddress (1.3.6.1.4.1.25506.2.51.2.2.1.3)	read-only	No	As per MIB

96.4 hh3cMPortConfigEntry

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.3.1

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

96.5 hh3cHostStaticJoinTable

OID of this table is: 1.3.6.1.4.1.25506.2.51.2.4

Name	Access	PDS	Description
hh3cHostStaticJoinVlanID (1.3.6.1.4.1.25506.2.51.2.4.1.1)	not-accessible	No	As per MIB

Companion

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

97 HH3C-MULTICAST-SNOOPING-MIB

The HH3C-MULTICAST-SNOOPING-MIB is combination of igmp-snooping and mld-snooping.

97.1 hh3cMcsGlobalConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.1

Name	Access	PDS	Description
hh3cMcsGlbSnoopingType (1.3.6.1.4.1.25506.2.123.1.1.1.1)	not-accessible	Current	As per MIB
hh3cMcsGlbRowStatus (1.3.6.1.4.1.25506.2.123.1.1.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).
hh3cMcsGlbEntryLimit(1.3.6.1.4.1.25506.2.123.1.1.1.3)	read-create	Current	As per MIB
hh3cMcsGlbHostAgingTime(1.3.6.1.4.1.25506.2.123.1.1.1.4)	read-create	Current	As per MIB
hh3cMcsGlbMaxResponseTime(1.3.6.1.4.1.25506.2.123.1.1.1.5)	read-create	Current	As per MIB
hh3cMcsGlbRouterAgingTime(1.3.6.1.4.1.25506.2.123.1.1.1.6)	read-create	Current	As per MIB

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Name	Access	PDS	Description
hh3cMcsGlbLastMemQryInterval(1.3.6.1.4.1.25506.2.123.1.1.1.7)	read-create	Current	As per MIB
hh3cMcsGlbDropUnknownEnabled(1.3.6.1.4.1.25506.2.123.1.1.1.8)	read-create	Current	As per MIB

97.2 hh3cMcsVirtualUnitConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.2

Name	Access	PDS	Description
hh3cMcsVUType(1.3.6.1.4.1.25506.2.123.1.2.1.1)	not-accessible	Current	As per MIB
hh3cMcsVUID(1.3.6.1.4.1.25506.2.123.1.2.1.2)	not-accessible	Current	As per MIB
hh3cMcsVUSnoopingType(1.3.6.1.4.1.25506.2.123.1.2.1.3)	not-accessible	Current	As per MIB
hh3cMcsVURowStatus(1.3.6.1.4.1.25506.2.123.1.2.1.4)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).
hh3cMcsVUHostAgingTime(1.3.6.1.4.1.25506.2.123.1.2.1.5)	read-create	Current	As per MIB
hh3cMcsVUMaxResponseTime(1.3.6.1.4.1.25506.2.123.1.2.1.6)	read-create	Current	As per MIB
hh3cMcsVURouterAgingTime(1.3.6.1.4.1.25506.2.123.1.2.1.7)	read-create	Current	As per MIB
hh3cMcsVULastMemQryInterval(1.3.6.1.4.1.25506.2.123.1.2.1.8)	read-create	Current	As per MIB
hh3cMcsVUDropUnknownEnabled(1.3.6.1.4.1.25506.2.123.1.2.1.9)	read-create	Current	As per MIB
hh3cMcsVUPimSnoopingEnabled(1.3.6.1.4.1.25506.2.123.1.2.1.10)	read-create	Current	As per MIB

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Name	Access	PDS	Description
hh3cMcsVUVersion(1.3.6.1.4.1.25506.2.123.1.2.1.11)	read-create	Current	As per MIB
hh3cMcsVUQuerierEnabled(1.3.6.1.4.1.25506.2.123.1.2.1.12)	read-create	Current	As per MIB
hh3cMcsVUQuerierInterval(1.3.6.1.4.1.25506.2.123.1.2.1.13)	read-create	Current	As per MIB
hh3cMcsVUGeneQuerierSourceAddress(1.3.6.1.4.1.25506.2.123.1.2.1.14)	read-create	Current	As per MIB
hh3cMcsVUSpecQuerierSourceAddress(1.3.6.1.4.1.25506.2.123.1.2.1.15)	read-create	Current	As per MIB
hh3cMcsVULeaveSourceAddress(1.3.6.1.4.1.25506.2.123.1.2.1.16)	read-create	Current	As per MIB
hh3cMcsVUReportSourceAddress(1.3.6.1.4.1.25506.2.123.1.2.1.17)	read-create	Current	As per MIB

97.3 hh3cMcsL2EntryTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.3

Name	Access	PDS	Description
hh3cMcsL2EntryVUType(1.3.6.1.4.1.25506.2.123.1.3.1.1)	not-accessible	Current	As per MIB
hh3cMcsL2EntryVUID(1.3.6.1.4.1.25506.2.123.1.3.1.2)	not-accessible	Current	As per MIB
hh3cMcsL2EntryAddressType(1.3.6.1.4.1.25506.2.123.1.3.1.3)	not-accessible	Current	As per MIB
hh3cMcsL2EntryGroupAddress(1.3.6.1.4.1.25506.2.123.1.3.1.4)	not-accessible	Current	As per MIB
hh3cMcsL2EntrySourceAddress(1.3.6.1.4.1.25506.2.123.1.3.1.5)	not-accessible	Current	As per MIB

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Name	Access	PDS	Description
hh3cMcsL2EntryIfIndex(1.3.6.1.4.1.25506.2.123.1.3.1.6)	not-accessible	Current	As per MIB
hh3cMcsL2EntryPortType(1.3.6.1.4.1.25506.2.123.1.3.1.7)	read-only	Current	As per MIB
hh3cMcsL2EntryPortAttribute(1.3.6.1.4.1.25506.2.123.1.3.1.8)	read-only	Current	As per MIB

97.4 hh3cMcsPacketStatisticsTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.4

Name	Access	PDS	Description
hh3cMcsStatisticsSnoopingType(1.3.6.1.4.1.25506.2.123.1.4.1.1)	not-accessible	Current	As per MIB
hh3cMcsRxGeneryQueryNum(1.3.6.1.4.1.25506.2.123.1.4.1.2)	read-only	Current	As per MIB
hh3cMcsRxV2SpecificQueryNum(1.3.6.1.4.1.25506.2.123.1.4.1.3)	read-only	Current	As per MIB
hh3cMcsRxV3SpecificQueryNum(1.3.6.1.4.1.25506.2.123.1.4.1.4)	read-only	Current	As per MIB
hh3cMcsRxV1ReportNum(1.3.6.1.4.1.25506.2.123.1.4.1.5)	read-only	Current	As per MIB
hh3cMcsRxV2ReportNum(1.3.6.1.4.1.25506.2.123.1.4.1.6)	read-only	Current	As per MIB
hh3cMcsRxV3ReportNum(1.3.6.1.4.1.25506.2.123.1.4.1.7)	read-only	Current	As Per MIB
hh3cMcsRxV3ErrCorReportNum(1.3.6.1.4.1.25506.2.123.1.4.1.8)	read-only	Current	As per MIB
hh3cMcsRxLeaveNum(1.3.6.1.4.1.25506.2.123.1.4.1.9)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cMcsRxPimHelloNum (1.3.6.1.4.1.25506.2.123.1.4.1.10)	read-only	Current	As per MIB
hh3cMcsRxErrorPacketNum (1.3.6.1.4.1.25506.2.123.1.4.1.11)	read-only	Current	As per MIB
hh3cMcsTxV2SpecificQueryNum (1.3.6.1.4.1.25506.2.123.1.4.1.12)	read-only	Current	As per MIB
hh3cMcsTxV3SpecificQueryNum (1.3.6.1.4.1.25506.2.123.1.4.1.13)	read-only	Current	As per MIB
hh3cMcsTxV3SpecificSGQueryNum (1.3.6.1.4.1.25506.2.123.1.4.1.14)	read-only	Current	As per MIB

97.5 hh3cMcsPortJoinGroupConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.5

Name	Access	PDS	Description
hh3cMcsPortJoinGroupIndex (1.3.6.1.4.1.25506.2.123.1.5.1.1)	not-accessible	Current	As per MIB
hh3cMcsPortJoinGroupSnoringType (1.3.6.1.4.1.25506.2.123.1.5.1.2)	not-accessible	Current	As per MIB
hh3cMcsPortJoinGroupVlanID (1.3.6.1.4.1.25506.2.123.1.5.1.3)	not-accessible	Current	As per MIB
hh3cMcsPortJoinGroupGroupAddress (1.3.6.1.4.1.25506.2.123.1.5.1.4)	not-accessible	Current	As per MIB
hh3cMcsPortJoinGroupSourceAddress (1.3.6.1.4.1.25506.2.123.1.5.1.5)	not-accessible	Current	As per MIB
hh3cMcsPortJoinGroupStatus (1.3.6.1.4.1.25506.2.123.1.5.1.6)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

97.6 hh3cMcsPortStaticGroupConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.6

Companion

Name	Access	PDS	Description
hh3cMcsPortStaticGroupIndex(1.3.6.1.4.1.25506.2.123.1.6.1.1)	not-accessible	Current	As per MIB
hh3cMcsPortStaticGroupSnopingType(1.3.6.1.4.1.25506.2.123.1.6.1.2)	not-accessible	Current	As per MIB
hh3cMcsPortStaticGroupVlanID(1.3.6.1.4.1.25506.2.123.1.6.1.3)	not-accessible	Current	As per MIB
hh3cMcsPortStaticGroupGroupAddress(1.3.6.1.4.1.25506.2.123.1.6.1.4)	not-accessible	Current	As per MIB
hh3cMcsPortStaticGroupSourceAddress(1.3.6.1.4.1.25506.2.123.1.6.1.5)	not-accessible	Current	As per MIB
hh3cMcsPortStaticGroupStatus(1.3.6.1.4.1.25506.2.123.1.6.1.6)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

97.7 hh3cMcsRouterPortConfigEntry

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.7

Name	Access	PDS	Description
hh3cMcsRouterPortConfigIndex(1.3.6.1.4.1.25506.2.123.1.7.1.1)	not-accessible	Current	As per MIB
hh3cMcsRouterPortConfigSnopingType(1.3.6.1.4.1.25506.2.123.1.7.1.2)	not-accessible	Current	As per MIB
hh3cMcsRouterPortConfigVlanID(1.3.6.1.4.1.25506.2.123.1.7.1.3)	not-accessible	Current	As per MIB
hh3cMcsRouterPortConfigRowStatus(1.3.6.1.4.1.25506.2.123.1.7.1.4)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

97.8 hh3cMcsPortConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.123.1.8

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cMcsPortConfigIfIndex(1.3.6.1.4.1.25506.2.123.1.8.1.1)	not-accessible	Current	As per MIB
hh3cMcsPortConfigSnoopingType(1.3.6.1.4.1.25506.2.123.1.8.1.2)	not-accessible	Current	As per MIB
hh3cMcsPortConfigVlanID(1.3.6.1.4.1.25506.2.123.1.8.1.3)	not-accessible	Current	As per MIB
hh3cMcsPortConfigGroupLimitNumber(1.3.6.1.4.1.25506.2.123.1.8.1.4)	read-create	Current	As per MIB
hh3cMcsPortConfigFastLeaveStatus(1.3.6.1.4.1.25506.2.123.1.8.1.5)	read-create	Current	As per MIB
hh3cMcsPortConfigGroupPolicyParameter(1.3.6.1.4.1.25506.2.123.1.8.1.6)	read-create	Current	As per MIB
hh3cMcsPortConfigOverflowReplace(1.3.6.1.4.1.25506.2.123.1.8.1.7)	read-create	Current	As per MIB
hh3cMcsPortConfigRowStatus(1.3.6.1.4.1.25506.2.123.1.8.1.8)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

98 HH3C-NPV-MIB

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

98.1 Scalar Objects

Name	Access	PDS	Description
hh3cNpvLoadbalanceVsan (1.3.6.1.4.1.25506.2.127.6.1.1.1)	read-write	No	Only support write operation

98.2 hh3cNpvTrafficMapConfigTable

OID of this table is: 1.3.6.1.4.1.25506. 2.127.6.1.1.2

Name	Access	PDS	Description
hh3cNpvTrafficMapExternalIndexList (1.3.6.1.4.1.25506.2.127.6.1.1.2.1.1)	read-create	Current	As per MIB
hh3cNpvTrafficMapLastChange (1.3.6.1.4.1.25506.2.127.6.1.1.2.1.2)	read-only	No	As per MIB
hh3cNpvTrafficMapRowStatus (1.3.6.1.4.1.25506.2.127.6.1.1.2.1.3)	read-create	Current	As per MIB

98.3 hh3cNpvServerIfTable

OID of this table is: 1.3.6.1.4.1.25506. 2.127.6.1.1.3

Name	Access	PDS	Description
hh3cNpvExternalIndex (1.3.6.1.4.1.25506.2.127.6.1.1.3.1.1)	read-only	No	As per MIB

99 HH3C-NQA-MIB

This MIB should be supported by device which implements disman ping function.

This MIB cannot mix using with CLI.

99.1 Scalar objects

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

99.2 hh3cNqaCtlTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.2

- a) The parameter which is not supported by the corresponding pingCtlType cannot be configured.
- b) Once the configuration is modified, the result, histories, and statistics of the corresponding entry will be cleared.
- c) The results, histories and statistics must be the factual reflection of the test results of current configurations.
- d) Users will be puzzled when they get the results which caused by the previous configurations.
- e) If the parameter which is not supported by the corresponding pingCtlType is read, the result is invalid.
- f) The following table shows the relationship between pingCtlType and parameters.

Value of pingCtlType	Support parameters
pingIcmpEcho	hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime

Companion

Value of pingCtlType	Support parameters
	hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingUdpEcho hh3cNqaUdpEcho	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingSnmpQuery	hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
pingTcpConnectionAttempt hh3cNqaTcpconnect	hh3cNqaCtlTargetPort hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNIInstance
hh3cNqajitter (for udp-jitter test) hh3cNqaCtlCodecType is defined as notDefined(1)	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlJitterAdminInterval hh3cNqaCtlJitterAdminNumPackets hh3cNqaCtlCodecType hh3cNqaCtlVPNIInstance
hh3cNqajitter (for voice test) hh3cNqaCtlCodecType is defined as g711Alaw(2)、g711Ulaw(3) or g729A(4)	hh3cNqaCtlTargetPort hh3cNqaCtlSourcePort hh3cNqaCtlTTL hh3cNqaCtlJitterAdminInterval hh3cNqaCtlJitterAdminNumPackets hh3cNqaCtlCPIFAdvFactor hh3cNqaCtlCodecType hh3cNqaCtlVPNIInstance
hh3cNqaHttp	hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlHttpOperationType hh3cNqaCtlHttpOperationString hh3cNqaCtlVPNIInstance
hh3cNqadlsw	hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime

Companion

Value of pingCtlType	Support parameters
	hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNInstance
hh3cNqadhcp	hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlVPNInstance
hh3cNqaftp	hh3cNqaCtlTTL hh3cNqaCtlHistoryKeptTime hh3cNqaCtlHistoryEnable hh3cNqaCtlFtpOperationType hh3cNqaCtlFtpUsername hh3cNqaCtlFtpPassword hh3cNqaCtlFtpOperationString hh3cNqaCtlVPNInstance

Name	Access	PDS	Description
hh3cNqaCtlTargetPort (1.3.6.1.4.1.25506.8.3.1.2.1.1)	read-create	Current	Range from 0 to 65535 If the value of pingCtlType is "pingUdpEcho" or "pingTcpConnectionAttempt", the value of this object must be 7. If the value of pingCtlType is "hh3cNqaUdpEcho" or "hh3cNqaTcpconnect", the value of this object cannot be 7.
hh3cNqaCtlSourcePort (1.3.6.1.4.1.25506.8.3.1.2.1.2)	read-create	Current	Range from 0 to 65535
hh3cNqaCtlTTL (1.3.6.1.4.1.25506.8.3.1.2.1.3)	read-create	Current	Range from 1 to 255
hh3cNqaCtlJitterAdminInterval (1.3.6.1.4.1.25506.8.3.1.2.1.4)	read-create	Current	Range from 10 to 60000
hh3cNqaCtlJitterAdminNumPackets (1.3.6.1.4.1.25506.8.3.1.2.1.5)	read-create	Current	When doing UDP-jitter test,the range is from 10 to 1000,and the default value is 10,

Companion

Name	Access	PDS	Description
			<p>When doing voice test, the range is from 10 to 60000, and the default value is 1000.</p> <p>Only voice test and UDP-jitter test is supported ,the default vaule of other test is 10</p>
hh3cNqaCtlHttpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.6)	read-create	Current	As per MIB
hh3cNqaCtlHttpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.7)	read-create	Current	<p>When config the raw type of hh3cNqaCtlHttpOperationType, the length of url is from 0 to 1023.</p> <p>The following details are for the get and post type of hh3cNqaCtlHttpOperationType. This object include two parts, the first part is resource and the second is http version. The resource is a part of URL. The common format of URL is <i>http://host/resource</i>.</p> <p>The length of resource is from 0 to 246 .</p> <p>The resource is case-sensitive.</p> <p>The version supports "HTTP/1.0" and "HTTP/1.1"(case-insensitive).</p> <p>The default value of this object is v1.0.</p> <p>The value of this object must have one space and only one space. The space is the separator of resource and version.</p>

Companion

Name	Access	PDS	Description
			If the value of this object is zero-length string, the resource and version are set to default value.
hh3cNqaCtlFtpOperationType (1.3.6.1.4.1.25506.8.3.1.2.1.8)	read-create	Current	As per MIB
hh3cNqaCtlFtpUsername (1.3.6.1.4.1.25506.8.3.1.2.1.9)	read-create	Current	As per MIB
hh3cNqaCtlFtpPassword (1.3.6.1.4.1.25506.8.3.1.2.1.10)	read-create	Current	As per MIB
hh3cNqaCtlFtpOperationString (1.3.6.1.4.1.25506.8.3.1.2.1.11)	read-create	Current	For put operation of hh3cNqaCtlFtpOperationType, the length of this object is from 1 to 200; For get operation of hh3cNqaCtlFtpOperationType, the length of this object is from 1 to 247.
hh3cNqaCtlVPNInstance (1.3.6.1.4.1.25506.8.3.1.2.1.12)	read-create	Current	The length of this object is from 0 to 31. If the product does not support VPN feature, this object cannot be set.
hh3cNqaCtlHistoryKeptTime (1.3.6.1.4.1.25506.8.3.1.2.1.13)	read-create	Current	Not supported
hh3cNqaCtlHistoryEnable (1.3.6.1.4.1.25506.8.3.1.2.1.14)	read-create	Current	Not supported
hh3cNqaCtlICPIFAdvFactor (1.3.6.1.4.1.25506.8.3.1.2.1.15)	read-create	Current	Range from 0 to 20
hh3cNqaCtlCodecType (1.3.6.1.4.1.25506.8.3.1.2.1.16)	read-create	Current	If the corresponding pingCtlType is not hh3cNqaJitter, this object is invalid. If the corresponding

Companion

Name	Access	PDS	Description
			<p>pingCtlType is hh3cNqaJitter and this object is set to notDefined, it is JITTER test. If the corresponding pingCtlType is hh3cNqaJitter and this object is set to g711Alaw, g711Ulaw or g729A, it is VOICE test. If the value of this object is changed from g711Alaw, g711Ulaw or g729A to notDefined, the entry of voice type will be deleted and the entry of udp-jitter type will be created with default configuration. If the value of this object is changed from notDefined to g711Alaw, g711Ulaw or g729A, the entry of udp-jitter type will be deleted and the entry of voice type will be created with the corresponding codec-type configuration.</p> <p>The current supported value is notDefined, g711Alaw, g711Ulaw and g729A.</p>

99.3 hh3cNqaResultsTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.3

Name	Access	PDS	Description
hh3cNqaResultsRttNumDiscon nnects (1.3.6.1.4.1.25506.8.3.1.3.1.1)	read-only	No	As per MIB
hh3cNqaResultsRttTimeouts (1.3.6.1.4.1.25506.8.3.1.3.1.2	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
)			
hh3cNqaResultsRttBusies (1.3.6.1.4.1.25506.8.3.1.3.1.3)	read-only	No	Not supported
hh3cNqaResultsRttNoConnections (1.3.6.1.4.1.25506.8.3.1.3.1.4)	read-only	No	As per MIB
hh3cNqaResultsRttDrops (1.3.6.1.4.1.25506.8.3.1.3.1.5)	read-only	No	As per MIB
hh3cNqaResultsRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.3.1.6)	read-only	No	As per MIB
hh3cNqaResultsRttStatsErrors (1.3.6.1.4.1.25506.8.3.1.3.1.7)	read-only	No	As per MIB
hh3cNqaResultsMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.8)	read-only	No	As per MIB
hh3cNqaResultsMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.9)	read-only	No	As per MIB
hh3cNqaResultsLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.3.1.10)	read-only	No	The value of this object reflects the drop rate of all kinds of tests included in DISMAN-PING-MIB MIB and HH3C-NQA-MIB MIB.
hh3cNqaResultsPacketLateArrival (1.3.6.1.4.1.25506.8.3.1.3.1.11)	read-only	No	As per MIB
hh3cNqaResultsRttSum (1.3.6.1.4.1.25506.8.3.1.3.1.12)	read-only	No	As per MIB
hh3cNqaResultsNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.13)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cNqaResultsMinDelaySD (1.3.6.1.4.1.25506.8.3.1.3.1.1 4)	read-only	No	As per MIB
hh3cNqaResultsSumDelayS D (1.3.6.1.4.1.25506.8.3.1.3.1.1 5)	read-only	No	As per MIB
hh3cNqaResultsSum2DelayS D (1.3.6.1.4.1.25506.8.3.1.3.1.1 6)	read-only	No	As per MIB
hh3cNqaResultsNumOfDelay DS (1.3.6.1.4.1.25506.8.3.1.3.1.1 7)	read-only	No	As per MIB
hh3cNqaResultsMinDelayDS (1.3.6.1.4.1.25506.8.3.1.3.1.1 8)	read-only	No	As per MIB
hh3cNqaResultsSumDelayD S (1.3.6.1.4.1.25506.8.3.1.3.1.1 9)	read-only	No	As per MIB
hh3cNqaResultsSum2DelayD S (1.3.6.1.4.1.25506.8.3.1.3.1.2 0)	read-only	No	As per MIB

99.4 hh3cNqaJitterStatsTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.4

Name	Access	PDS	Description
hh3cNqaJitterStatsNumOfRT T (1.3.6.1.4.1.25506.8.3.1.4.1.1)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfPosi tivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.2)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cNqaJitterStatsMaxOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.3)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.4)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfPositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.5)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2PositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.6)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.7)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.8)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.9)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.10)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2NegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.11)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.12)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfPos	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
itivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.13)			
hh3cNqaJitterStatsNumOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.14)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfPositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.15)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2PositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.16)	read-only	No	As per MIB
hh3cNqaJitterStatsMinOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.17)	read-only	No	As per MIB
hh3cNqaJitterStatsMaxOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.18)	read-only	No	As per MIB
hh3cNqaJitterStatsNumOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.19)	read-only	No	As per MIB
hh3cNqaJitterStatsSumOfNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.20)	read-only	No	As per MIB
hh3cNqaJitterStatsSum2NegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.21)	read-only	No	As per MIB
hh3cNqaJitterStatsPacketLossDS (1.3.6.1.4.1.25506.8.3.1.4.1.22)	read-only	No	As per MIB
hh3cNqaJitterStatsPacketLossDS	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.3.1.4.1.23)			
hh3cNqaJitterStatsAvePositivesSD (1.3.6.1.4.1.25506.8.3.1.4.1.24)	read-only	No	If the difference between intervals from source to destination of two sequential packets within a group of packets is positive, statistical times should add 1, and statistical summation should add the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical times).
hh3cNqaJitterStatsAveNegativesSD (1.3.6.1.4.1.25506.8.3.1.4.1.25)	read-only	No	If the difference between intervals from source to destination of two sequential packets within a group of packets is negative, statistical times should add 1, and statistical summation should add the absolute value of the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical times).
hh3cNqaJitterStatsAvePositivesDS (1.3.6.1.4.1.25506.8.3.1.4.1.26)	read-only	No	If the difference between intervals from destination to source of two sequential packets within a group of packets is positive, statistical times should add 1, and statistical summation should add the difference. The value of this object is the result of following expression: (statistical summation)/ (statistical

Companion

Name	Access	PDS	Description
			times).
hh3cNqaJitterStatsAveNegativesDS (1.3.6.1.4.1.25506.8.3.1.4.1.27)	read-only	No	If the difference between intervals from destination to source of two sequential packets within a group of packets is negative, statistical times should add 1, and statistical summation should add the absolute value of the difference. The value of this object is the result of following expression: (statistical summation)/(statistical times).
hh3cNqaJitterStatsPktLossUnknown (1.3.6.1.4.1.25506.8.3.1.4.1.28)	read-only	No	The number of packets which lost but not knowing result
hh3cNqaJitterStatsOperOfICPIF (1.3.6.1.4.1.25506.8.3.1.4.1.29)	read-only	No	Only voice test is supported.
hh3cNqaJitterStatsOperOfMOS (1.3.6.1.4.1.25506.8.3.1.4.1.30)	read-only	No	Only voice test is supported the value of this object is 100 times of the actual value.

99.5 hh3cNqaTcpServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.6

Name	Access	PDS	Description
hh3cNqaTcpServerIpAddress (1.3.6.1.4.1.25506.8.3.1.6.1.1)	not-accessible	Current	Only support ipv4 address.
hh3cNqaTcpServerPort (1.3.6.1.4.1.25506.8.3.1.6.1.2)	not-accessible	Current	Range from 1 to 65535
hh3cNqaTcpServerRowStatus	read-create	Current	Only support active(1),

Companion

Name	Access	PDS	Description
s (1.3.6.1.4.1.25506.8.3.1.6.1.3)			createAndgo(4) and destroy(6)

99.6 hh3cNqaUdpServerTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.7

Name	Access	PDS	Description
hh3cNqaUdpServerIpAddresses (1.3.6.1.4.1.25506.8.3.1.7.1.1)	not-accessible	Current	Only support ipv4 address.
hh3cNqaUdpServerPort (1.3.6.1.4.1.25506.8.3.1.7.1.2)	not-accessible	Current	Range from 1 to 65535
hh3cNqaUdpServerRowStatus (1.3.6.1.4.1.25506.8.3.1.7.1.3)	read-create	Current	Only support active(1) ,createAndgo(4) and destroy(6)

99.7 hh3cNqaStatisticsCtlTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.10

Name	Access	PDS	Description
hh3cNqaCtlStatisticsInterval (1.3.6.1.4.1.25506.8.3.1.10.1. 1)	read-create	Current	Range from 1 to 35791394(in minutes), default value is 60.
hh3cNqaCtlStatisticsGroupNumber (1.3.6.1.4.1.25506.8.3.1.10.1. 2)	read-create	Current	Range from 0 to hh3cNqaStatsMaxGroupNumber, default value is 2. If the value of this object is 0, statistics will not be created.
hh3cNqaCtlStatisticsKeptTime (1.3.6.1.4.1.25506.8.3.1.10.1. 3)	read-create	Current	Range from 1 to 1440(in minutes), default value is 120.

Companion

Name	Access	PDS	Description
3)			
hh3cNqaCtlBeginTime (1.3.6.1.4.1.25506.8.3.1.10.1.4)	read-create	Current	Time format must be abided. The year is range from 2000 to 2035.
hh3cNqaCtlLifeTime (1.3.6.1.4.1.25506.8.3.1.10.1.5)	read-create	Current	Range from 1 to 2147483647 (in seconds), The value of 4294967295 means the test will never stop.

99.8 hh3cNqaStatisticsResultsTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.11

Name	Access	PDS	Description
hh3cNqaStatResIndex (1.3.6.1.4.1.25506.8.3.1.11.1.1)	not-accessible	No	As per MIB
hh3cNqaStatResIpTargetAddressType (1.3.6.1.4.1.25506.8.3.1.11.1.2)	read-only	No	As per MIB
hh3cNqaStatResIpTargetAddress (1.3.6.1.4.1.25506.8.3.1.11.1.3)	read-only	No	As per MIB
hh3cNqaStatResMinRtt (1.3.6.1.4.1.25506.8.3.1.11.1.4)	read-only	No	As per MIB
hh3cNqaStatResMaxRtt (1.3.6.1.4.1.25506.8.3.1.11.1.5)	read-only	No	As per MIB
hh3cNqaStatResAverageRtt (1.3.6.1.4.1.25506.8.3.1.11.1.6)	read-only	No	As per MIB
hh3cNqaStatResProbeResponses (1.3.6.1.4.1.25506.8.3.1.11.1.7)	read-only	No	As per MIB
hh3cNqaStatResSentProbes (1.3.6.1.4.1.25506.8.3.1.11.1.8)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
8)			
hh3cNqaStatResRttSumOfSquares (1.3.6.1.4.1.25506.8.3.1.11.1.9)	read-only	No	As per MIB
hh3cNqaStatResStartTime (1.3.6.1.4.1.25506.8.3.1.11.1.10)	read-only	No	As per MIB
hh3cNqaStatResInterval (1.3.6.1.4.1.25506.8.3.1.11.1.11)	read-only	No	As per MIB
hh3cNqaStatResRttNumDisconnects (1.3.6.1.4.1.25506.8.3.1.11.1.12)	read-only	No	As per MIB
hh3cNqaStatResRttTimeouts (1.3.6.1.4.1.25506.8.3.1.11.1.13)	read-only	No	As per MIB
hh3cNqaStatResRttBusies (1.3.6.1.4.1.25506.8.3.1.11.1.14)	read-only	No	As per MIB
hh3cNqaStatResRttNoConnections (1.3.6.1.4.1.25506.8.3.1.11.1.15)	read-only	No	As per MIB
hh3cNqaStatResRttDrops (1.3.6.1.4.1.25506.8.3.1.11.1.16)	read-only	No	As per MIB
hh3cNqaStatResRttSequenceErrors (1.3.6.1.4.1.25506.8.3.1.11.1.17)	read-only	No	As per MIB
hh3cNqaStatResRttErrors (1.3.6.1.4.1.25506.8.3.1.11.1.18)	read-only	No	As per MIB
hh3cNqaStatResLostPacketRatio (1.3.6.1.4.1.25506.8.3.1.11.1.19)	read-only	No	As per MIB
hh3cNqaStatResPacketLateArrival	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.3.1.11.1.20)			
hh3cNqaStatResRttSum (1.3.6.1.4.1.25506.8.3.1.11.1.21)	read-only	No	As per MIB
hh3cNqaStatResNumOfDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.22)	read-only	No	As per MIB
hh3cNqaStatResMinDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.23)	read-only	No	As per MIB
hh3cNqaStatResMaxDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.24)	read-only	No	As per MIB
hh3cNqaStatResSumDelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.25)	read-only	No	As per MIB
hh3cNqaStatResSum2DelaySD (1.3.6.1.4.1.25506.8.3.1.11.1.26)	read-only	No	As per MIB
hh3cNqaStatResNumOfDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.27)	read-only	No	As per MIB
hh3cNqaStatResMinDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.28)	read-only	No	As per MIB
hh3cNqaStatResMaxDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.29)	read-only	No	As per MIB
hh3cNqaStatResSumDelayDS (1.3.6.1.4.1.25506.8.3.1.11.1.30)	read-only	No	As per MIB
hh3cNqaStatResSum2DelayDS	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.3.1.11.1.31)			

99.9 hh3cNqaGroupStatsJitterTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.12

Name	Access	PDS	Description
hh3cNqaStatJitterIndex (1.3.6.1.4.1.25506.8.3.1.12.1.1)	not-accessible	No	As per MIB
hh3cNqaStatJitterMinOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.2)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.3)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.4)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfPosSD (1.3.6.1.4.1.25506.8.3.1.12.1.5)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquarePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.6)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.7)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.8)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfNegSD	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.3.1.12.1.9)			
hh3cNqaStatJitterSumOfNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.10)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquareNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.11)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.12)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.13)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.14)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfPosDS (1.3.6.1.4.1.25506.8.3.1.12.1.15)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquarePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.16)	read-only	No	As per MIB
hh3cNqaStatJitterMinOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.17)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.18)	read-only	No	As per MIB
hh3cNqaStatJitterNumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
19)			
hh3cNqaStatJitterSumOfNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.20)	read-only	No	As per MIB
hh3cNqaStatJitterSumOfSquareNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.21)	read-only	No	As per MIB
hh3cNqaStatJitterPacketLossSD (1.3.6.1.4.1.25506.8.3.1.12.1.22)	read-only	No	As per MIB
hh3cNqaStatJitterPacketLossDS (1.3.6.1.4.1.25506.8.3.1.12.1.23)	read-only	No	As per MIB
hh3cNqaStatJitterAvePosSD (1.3.6.1.4.1.25506.8.3.1.12.1.24)	read-only	No	As per MIB
hh3cNqaStatJitterAveNegSD (1.3.6.1.4.1.25506.8.3.1.12.1.25)	read-only	No	As per MIB
hh3cNqaStatJitterAvePosDS (1.3.6.1.4.1.25506.8.3.1.12.1.26)	read-only	No	As per MIB
hh3cNqaStatJitterAveNegDS (1.3.6.1.4.1.25506.8.3.1.12.1.27)	read-only	No	As per MIB
hh3cNqaStatJitterPktLossUnknown (1.3.6.1.4.1.25506.8.3.1.12.1.28)	read-only	No	As per MIB
hh3cNqaStatJitterMaxOfCPIFF (1.3.6.1.4.1.25506.8.3.1.12.1.29)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMinOfCPIFF (1.3.6.1.4.1.25506.8.3.1.12.1.30)	read-only	No	Only voice test is supported
hh3cNqaStatJitterMaxOfMOS	read-only	No	Only voice test is supported

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.8.3.1.12.1.31)			,the value of this object is 100 times of the actual value
hh3cNqaStatJitterMinOfMOS (1.3.6.1.4.1.25506.8.3.1.12.1.32)	read-only	No	Only voice test is supported ,the value of this object is 100 times of the actual value

99.10 hh3cNqaReactionTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.13

Name	Access	PDS	Description
hh3cNqaReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.13.1.1)	accessible-f or-notify	No	As per MIB
hh3cNqaReactTestName (1.3.6.1.4.1.25506.8.3.1.13.1.2)	accessible-f or-notify	No	As per MIB
hh3cNqaReactItemIndex (1.3.6.1.4.1.25506.8.3.1.13.1.3)	accessible-f or-notify	No	As per MIB
hh3cNqaReactCheckedElement (1.3.6.1.4.1.25506.8.3.1.13.1.4)	read-create	No	As per MIB

Companion

<p>hh3cNqaReactThresholdUpperLimit (1.3.6.1.4.1.25506.8.3.1.13.1.5)</p>	read-create	No	<p>Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".</p> <p>Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".</p> <p>Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactThresholdLowerLimit (1.3.6.1.4.1.25506.8.3.1.13.1.6)</p>	read-create	No	<p>Ranges from 1 to 100 when the value of hh3cNqaReactCheckedElement is "icpif".</p> <p>Ranges from 1 to 500 when the value of hh3cNqaReactCheckedElement is "mos".</p> <p>Ranges from 0 to 3600000 (in milliseconds) when the value of hh3cNqaReactCheckedElement is "jittersd", "jitterds", "jitterOwdSD", "jitterOwdDS", "jitterrtt" or "probetime".</p> <p>The value of this object shouldn't be set in other cases.</p>

Companion

<p>hh3cNqaReactThresholdType (1.3.6.1.4.1.25506.8.3.1.13.1.7)</p>	read-create	No	<p>The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jittersd" or "jitterds". The value of this object can be set to "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterpacketloss". The value of this object can be set to "average", "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probetime". The value of this object can be set to "consecutive" or "accumulative" when the value of hh3cNqaReactCheckedElement is "probefailure". The value of this object can be set to "average" or "accumulative" when the value of hh3cNqaReactCheckedElement is "jitterrtt". The value of this object shouldn't be set in other cases.</p>
<p>hh3cNqaReactThresholdConsecNum (1.3.6.1.4.1.25506.8.3.1.13.1.8)</p>	read-create	No	<p>Ranges from 1 to 16 when the value of hh3cNqaReactCheckedElement is "probetime" or "probefailure". The value of this object shouldn't be set in other cases.</p>

Companion

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

hh3cNqaReactActionType (1.3.6.1.4.1.25506.8.3.1.13.1.10)	read-create	No	The value of this object can be set to "none" or "trapOnly" when the value of hh3cNqaReactCheckedElement is "icpif", "mos", "jittersd", "jitterds", "jitterpacketloss", "probetime" or "jitterrtt". The value of this object can be set to "none", "trapOnly", "triggerOnly" or "trapAndTrigger" when the value of hh3cNqaReactCheckedElement is "probefailure". The value of this object shouldn't be set in other cases.
hh3cNqaReactCurrentStatus (1.3.6.1.4.1.25506.8.3.1.13.1.11)	read-only	No	As per MIB
hh3cNqaReactRowStatus (1.3.6.1.4.1.25506.8.3.1.13.1.12)	read-create	No	As per MIB
hh3cNqaReactCheckedNum (1.3.6.1.4.1.25506.8.3.1.13.1.13)	read-only	No	As per MIB
hh3cNqaReactThresholdNum (1.3.6.1.4.1.25506.8.3.1.13.1.14)	read-only	No	As per MIB

99.11 hh3cNqaStatisticsReactionTable

OID of this table is: 1.3.6.1.4.1.25506.8.3.1.14

Name	Access	PDS	Description
hh3cNqaStatReactOwnerIndex (1.3.6.1.4.1.25506.8.3.1.14.1.1)	not-accessible	No	As per MIB
hh3cNqaStatReactTestName (1.3.6.1.4.1.25506.8.3.1.14.1.2)	not-accessible	No	As per MIB

Companion

hh3cNqaStatReactIndex (1.3.6.1.4.1.25506.8.3.1.14.1.3)	not-accessible	No	As per MIB
hh3cNqaStatReactItemIndex (1.3.6.1.4.1.25506.8.3.1.14.1.4)	not-accessible	No	As per MIB
hh3cNqaStatReactCheckedNum (1.3.6.1.4.1.25506.8.3.1.14.1.5)	read-only	No	As per MIB
hh3cNqaStatReactThresholdNum (1.3.6.1.4.1.25506.8.3.1.14.1.6)	read-only	No	As per MIB

100 HH3C-NTP-MIB

100.1 hh3cNTPSystemMIBObjects

OID of this table is: 1.3.6.1.4.1.25506.8.22.1.1

Name	Access	PDS	Description
hh3cNTPSysLeap (1.3.6.1.4.1.25506.8.22.1.1.1)	read-only	Current	As per MIB
hh3cNTPSysStratum (1.3.6.1.4.1.25506.8.22.1.1.2)	read-only	Current	As per MIB
hh3cNTPSysPrecision (1.3.6.1.4.1.25506.8.22.1.1.3)	read-only	Current	As per MIB
hh3cNTPSysRootdelay (1.3.6.1.4.1.25506.8.22.1.1.4)	read-only	Current	As per MIB
hh3cNTPSysRootdispersion (1.3.6.1.4.1.25506.8.22.1.1.5)	read-only	Current	As per MIB
hh3cNTPSysRefid (1.3.6.1.4.1.25506.8.22.1.1.6)	read-only	Current	As per MIB
hh3cNTPSysReftime (1.3.6.1.4.1.25506.8.22.1.1.7)	read-only	Current	As per MIB
hh3cNTPSysPoll (1.3.6.1.4.1.25506.8.22.1.1.8)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cNTPSysPeer (1.3.6.1.4.1.25506.8.22.1.1.9)	read-only	Current	This is a selector identifying the current synchronization source. If the stratum of peers is greater than 1, it indicates the integer value of the IP address of the clock source of the reference clock. Otherwise, it indicates the integer value of the clock type string of the clock source of the reference clock. The special value 0 indicates There is no currently valid synchronization source.
hh3cNTPSysState (1.3.6.1.4.1.25506.8.22.1.1.10)	read-only	Current	This is a integer indicating the state of local clock. Now clockBySet(2) is not supported.
hh3cNTPSysOffset (1.3.6.1.4.1.25506.8.22.1.1.11)	read-only	Current	As per MIB
hh3cNTPSysDrift (1.3.6.1.4.1.25506.8.22.1.1.12)	read-only	Current	As per MIB
hh3cNTPSysCompliance (1.3.6.1.4.1.25506.8.22.1.1.13)	read-only	Current	As per MIB
hh3cNTPSysClock (1.3.6.1.4.1.25506.8.22.1.1.14)	read-only	Current	As per MIB
hh3cNTPSysStabil (1.3.6.1.4.1.25506.8.22.1.1.15)	read-only	Current	As per MIB
hh3cNTPSysAuthenticate (1.3.6.1.4.1.25506.8.22.1.1.16)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cNTPSysPollSec (1.3.6.1.4.1.25506.8.22.1.1.17)	read-write	Current	As per MIB
hh3cNTPSysClockSec (1.3.6.1.4.1.25506.8.22.1.1.18)	read-only	Current	As per MIB
hh3cNTPServerIP (1.3.6.1.4.1.25506.8.22.1.1.19)	read-write	Current	As per MIB

100.2 hh3cNTPPeerTable

OID of this table is: 1.3.6.1.4.1.25506.8.22.2.1.1

Name	Access	PDS	Description
hh3cNTPPeerConfig (1.3.6.1.4.1.25506.8.22.2.1.1.1.1)	read-only	No	As per MIB
hh3cNTPPeerAuthenable (1.3.6.1.4.1.25506.8.22.2.1.1.1.2)	read-only	No	As per MIB
hh3cNTPPeerAuthentic (1.3.6.1.4.1.25506.8.22.2.1.1.1.3)	read-only	No	As per MIB
hh3cNTPPeerRemAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.4)	not-accessible	No	As per MIB
hh3cNTPPeerRemPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.5)	read-only	No	As per MIB
hh3cNTPPeerLocAdr (1.3.6.1.4.1.25506.8.22.2.1.1.1.6)	read-only	No	As per MIB
hh3cNTPPeerLocPort (1.3.6.1.4.1.25506.8.22.2.1.1.1.7)	read-only	No	As per MIB
hh3cNTPPeerLeap (1.3.6.1.4.1.25506.8.22.2.1.1.1.8)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cNTPPeerHMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.9)	not-accessible	No	As per MIB
hh3cNTPPeerStratum (1.3.6.1.4.1.25506.8.22.2.1.1.1.10)	read-only	No	As per MIB
hh3cNTPPeerPPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.11)	read-only	No	As per MIB
hh3cNTPPeerHPoll (1.3.6.1.4.1.25506.8.22.2.1.1.1.12)	read-only	No	As per MIB
hh3cNTPPeerPrecision (1.3.6.1.4.1.25506.8.22.2.1.1.1.13)	read-only	No	As per MIB
hh3cNTPPeerRootDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.14)	read-only	No	As per MIB
hh3cNTPPeerRootDispersion (1.3.6.1.4.1.25506.8.22.2.1.1.1.15)	read-only	No	As per MIB
hh3cNTPPeerRefId (1.3.6.1.4.1.25506.8.22.2.1.1.1.16)	read-only	No	As per MIB
hh3cNTPPeerRefTime (1.3.6.1.4.1.25506.8.22.2.1.1.1.17)	read-only	No	As per MIB
hh3cNTPPeerOrg (1.3.6.1.4.1.25506.8.22.2.1.1.1.18)	read-only	No	As per MIB
hh3cNTPPeerRec (1.3.6.1.4.1.25506.8.22.2.1.1.1.19)	read-only	No	As per MIB
hh3cNTPPeerXmt (1.3.6.1.4.1.25506.8.22.2.1.1.1.20)	read-only	No	As per MIB
hh3cNTPPeerReach (1.3.6.1.4.1.25506.8.22.2.1.1.1.21)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cNTPPeerValid (1.3.6.1.4.1.25506.8.22.2.1.1.1.22)	read-only	No	As per MIB
hh3cNTPPeerTimer (1.3.6.1.4.1.25506.8.22.2.1.1.1.23)	read-only	No	As per MIB
hh3cNTPPeerDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.24)	read-only	No	As per MIB
hh3cNTPPeerOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.25)	read-only	No	As per MIB
hh3cNTPPeerJitter (1.3.6.1.4.1.25506.8.22.2.1.1.1.26)	read-only	No	As per MIB
hh3cNTPPeerDispersion (1.3.6.1.4.1.25506.8.22.2.1.1.1.27)	read-only	No	As per MIB
hh3cNTPPeerKeyld (1.3.6.1.4.1.25506.8.22.2.1.1.1.28)	read-only	No	As per MIB
hh3cNTPPeerFiltDelay (1.3.6.1.4.1.25506.8.22.2.1.1.1.29)	read-only	No	As per MIB
hh3cNTPPeerFiltOffset (1.3.6.1.4.1.25506.8.22.2.1.1.1.30)	read-only	No	As per MIB
hh3cNTPPeerFiltError (1.3.6.1.4.1.25506.8.22.2.1.1.1.31)	read-only	No	As per MIB
hh3cNTPPeerPMode (1.3.6.1.4.1.25506.8.22.2.1.1.1.32)	read-only	No	As per MIB
hh3cNTPPeerReceived (1.3.6.1.4.1.25506.8.22.2.1.1.1.33)	read-only	No	As per MIB
hh3cNTPPeerSent (1.3.6.1.4.1.25506.8.22.2.1.1.1.34)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cNTPPeerFlash (1.3.6.1.4.1.25506.8.22.2.1.1.1.35)	read-only	No	As per MIB
hh3cNTPPeerRowStatus (1.3.6.1.4.1.25506.8.22.2.1.1.1.36)	read-create	No	Now only support active, createAndGo and destroy. If the value of hh3cNTPPeerHMode is broadcast, broadcastclient or multicastclient, this node only support read operation.

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101.1 hh3cQoSSysCapabilityTable

OID of this table is: 1.3.6.1.4.1.25506.7.1.1.1.2

Name	Access	PDS	Description
hh3cQoSSysCapModuleIndex (1.3.6.1.4.1.25506.7.1.1.1.2.1.1)	not-accessible	No	As per MIB
hh3cQoSSysCapCharacteristicsIndex (1.3.6.1.4.1.25506.7.1.1.1.2.1.2)	not-accessible	No	As per MIB
hh3cQoSSysCapCharacteristicsValue (1.3.6.1.4.1.25506.7.1.1.1.2.1.3)	read-only	Yes	As per MIB

101.2 hh3cQoSIfCapabilityTable

OID of this table is: 1.3.6.1.4.1.25506.7.1.1.1.3

Name	Access	PDS	Description
hh3cQoSIfCapIfIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.1)	not-accessible	No	As per MIB
hh3cQoSIfCapModuleIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.2)	not-accessible	No	As per MIB
hh3cQoSIfCapCharacteristicsIndex (1.3.6.1.4.1.25506.7.1.1.1.3.1.3)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
7.1.1.1.3.1.3)			
hh3cQoSIfCapCharacteristics Value (1.3.6.1.4.1.25506.7.1.1.1.3.1.4)	read-only	Yes	As per MIB

102 HH3C-RADIUS-MIB

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

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

Server parameters in hh3cRdInfoTable and hh3cRdAcclInfoTable can not be set unless server ip has been set first.

102.1 Scalar objects

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

102.2 hh3cRdInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.1.1

Name	Access	PDS	Description
hh3cRdGroupName (1.3.6.1.4.1.25506.2.13.1.1.1)	not-accessible	No	The length of this object is range from 1 to 32

Companion

Name	Access	PDS	Description
hh3cRdPrimAuthIp (1.3.6.1.4.1.25506.2.13.1.1.1.2)	read-create	Current	Not supported
hh3cRdPrimUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.3)	read-create	Current	The range of primary UDP port is from 1 to 65535.
hh3cRdPrimState (1.3.6.1.4.1.25506.2.13.1.1.1.4)	read-create	No	As per MIB
hh3cRdSecAuthIp (1.3.6.1.4.1.25506.2.13.1.1.1.5)	read-create	Current	Not supported
hh3cRdSecUdpPort (1.3.6.1.4.1.25506.2.13.1.1.1.6)	read-create	Current	The range of secondary UDP port is from 1 to 65535
hh3cRdSecState (1.3.6.1.4.1.25506.2.13.1.1.1.7)	read-create	No	As per MIB
hh3cRdKey (1.3.6.1.4.1.25506.2.13.1.1.1.8)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdRetry (1.3.6.1.4.1.25506.2.13.1.1.1.9)	read-create	Current	The range of retry times is from 1 to 20
hh3cRdTimeout (1.3.6.1.4.1.25506.2.13.1.1.1.10)	read-create	Current	The range is from 1 to 10
hh3cRdPrimAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.11)	read-create	Current	hh3cRdPrimAuthIpAddrType and hh3cRdPrimAuthIpAddr must be set together
hh3cRdPrimAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.12)	read-create	Current	As per MIB
hh3cRdSecAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.13)	read-create	Current	hh3cRdSecAuthIpAddrType and hh3cRdSecAuthIpAddr must be set together
hh3cRdSecAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.14)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cRdServerType (1.3.6.1.4.1.25506.2.13.1.1.1.15)	read-create	Current	Not supported
hh3cRdQuietTime (1.3.6.1.4.1.25506.2.13.1.1.1.16)	read-create	Current	The range is from 1 to 255
hh3cRdUserNameFormat (1.3.6.1.4.1.25506.2.13.1.1.1.17)	read-create	Current	As per MIB
hh3cRdRowStatus (1.3.6.1.4.1.25506.2.13.1.1.1.18)	read-create	Current	As per MIB
hh3cRdSecKey (1.3.6.1.4.1.25506.2.13.1.1.1.19)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdPrimVpnName (1.3.6.1.4.1.25506.2.13.1.1.1.20)	read-create	Current	The length of this object is range from 0 to 31
hh3cRdSecVpnName (1.3.6.1.4.1.25506.2.13.1.1.1.21)	read-create	Current	The length of this object is range from 0 to 31
hh3cRdAuthNasIpAddrType (1.3.6.1.4.1.25506.2.13.1.1.1.22)	read-create	Current	Not supported
hh3cRdAuthNasIpAddr (1.3.6.1.4.1.25506.2.13.1.1.1.23)	read-create	Current	As per MIB
hh3cRdAuthNasIpv6Addr (1.3.6.1.4.1.25506.2.13.1.1.1.24)	read-create	Current	As per MIB

102.3 hh3cRdAccInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.1.2

Name	Access	PDS	Description
hh3cRdAccGroupName (1.3.6.1.4.1.25506.2.13.1.2.1.1)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cRdPrimAcclpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.2)	read-create	Current	hh3cRdPrimAcclpAddrType and hh3cRdPrimAcclpAddr must be set together
hh3cRdPrimAcclpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.3)	read-create	Current	As per MIB
hh3cRdPrimAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.4)	read-create	Current	The range of primary UDP port is from 1 to 65535
hh3cRdPrimAccState (1.3.6.1.4.1.25506.2.13.1.2.1.5)	read-create	No	As per MIB
hh3cRdSecAcclpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.6)	read-create	Current	hh3cRdSecAcclpAddrType and hh3cRdSecAcclpAddr must be set together
hh3cRdSecAcclpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.7)	read-create	Current	As per MIB
hh3cRdSecAccUdpPort (1.3.6.1.4.1.25506.2.13.1.2.1.8)	read-create	Current	The range of secondary UDP port is from 1 to 65535
hh3cRdSecAccState (1.3.6.1.4.1.25506.2.13.1.2.1.9)	read-create	No	As per MIB
hh3cRdAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.10)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdAccRetry (1.3.6.1.4.1.25506.2.13.1.2.1.11)	read-create	Current	The range of retry times is from 1 to 20
hh3cRdAccTimeout (1.3.6.1.4.1.25506.2.13.1.2.1.12)	read-create	Current	Range from 1 to 10
hh3cRdAccServerType (1.3.6.1.4.1.25506.2.13.1.2.1.13)	read-create	Current	Not supported
hh3cRdAccQuietTime (1.3.6.1.4.1.25506.2.13.1.2.1.14)	read-create	Current	The range is from 1 to 255

Companion

Name	Access	PDS	Description
hh3cRdAccFailureAction (1.3.6.1.4.1.25506.2.13.1.2.1.15)	read-create	Current	Not supported
hh3cRdAccRealTime (1.3.6.1.4.1.25506.2.13.1.2.1.16)	read-create	Current	As per MIB
hh3cRdAccRealTimeRetry (1.3.6.1.4.1.25506.2.13.1.2.1.17)	read-create	Current	As per MIB
hh3cRdAccSaveStopPktEnable (1.3.6.1.4.1.25506.2.13.1.2.1.18)	read-create	Current	Not supported
hh3cRdAccStopRetry (1.3.6.1.4.1.25506.2.13.1.2.1.19)	read-create	Current	Not supported
hh3cRdAccDataFlowUnit (1.3.6.1.4.1.25506.2.13.1.2.1.20)	read-create	Current	As per MIB
hh3cRdAccPacketUnit (1.3.6.1.4.1.25506.2.13.1.2.1.21)	read-create	Current	As per MIB
hh3cRdAccRowStatus (1.3.6.1.4.1.25506.2.13.1.2.1.22)	read-create	Current	As per MIB
hh3cRdAcctOnEnable (1.3.6.1.4.1.25506.2.13.1.2.1.23)	read-create	Current	As per MIB
hh3cRdAcctOnSendTimes (1.3.6.1.4.1.25506.2.13.1.2.1.24)	read-create	Current	As per MIB
hh3cRdAcctOnSendInterval (1.3.6.1.4.1.25506.2.13.1.2.1.25)	read-create	Current	As per MIB
hh3cRdSecAccKey (1.3.6.1.4.1.25506.2.13.1.2.1.26)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string

Companion

Name	Access	PDS	Description
hh3cRdPrimAccVpnName (1.3.6.1.4.1.25506.2.13.1.2.1.27)	read-create	Current	The length of this object is range from 0 to 31, get operation will return null string
hh3cRdSecAccVpnName (1.3.6.1.4.1.25506.2.13.1.2.1.28)	read-create	Current	The length of this object is range from 0 to 31
hh3cRdAccNasIpAddrType (1.3.6.1.4.1.25506.2.13.1.2.1.29)	read-create	Current	Not supported
hh3cRdAccNasIpAddr (1.3.6.1.4.1.25506.2.13.1.2.1.30)	read-create	Current	As per MIB
hh3cRdAccNasIpv6Addr (1.3.6.1.4.1.25506.2.13.1.2.1.31)	read-create	Current	As per MIB

102.4 hh3cRdSecondaryAuthServerTable

OID of this table is : 1.3.6.1.4.1.25506.2.13.1.4

The table listing RADIUS secondary authentication servers.

Name	Access	PDS	Description
hh3cRdSecondaryAuthIpAddrType (1.3.6.1.4.1.25506.2.13.1.4.1.1)	not-accessible	Current	As per MIB
hh3cRdSecondaryAuthIpAddr (1.3.6.1.4.1.25506.2.13.1.4.1.2)	not-accessible	Current	As per MIB
hh3cRdSecondaryAuthVpnName (1.3.6.1.4.1.25506.2.13.1.4.1.3)	not-accessible	Current	The length of this object is range from 0 to 31
hh3cRdSecondaryAuthUdpPort (1.3.6.1.4.1.25506.2.13.1.4.1.4)	not-accessible	Current	The range of primary UDP port is from 1 to 65535

Companion

Name	Access	PDS	Description
hh3cRdSecondaryAuthState (1.3.6.1.4.1.25506.2.13.1.4.1.5)	read-create	No	As per MIB
hh3cRdSecondaryAuthKey (1.3.6.1.4.1.25506.2.13.1.4.1.6)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string
hh3cRdSecondaryAuthRowStatus (1.3.6.1.4.1.25506.2.13.1.4.1.7)	read-create	Current	As per MIB

102.5 hh3cRdSecondaryAccServerTable

OID of this table is : 1.3.6.1.4.1.25506.2.13.1.5

The table listing RADIUS secondary accounting servers.

Name	Access	PDS	Description
hh3cRdSecondaryAcclpAddrType (1.3.6.1.4.1.25506.2.13.1.5.1.1)	not-accessible	Current	As per MIB
hh3cRdSecondaryAcclpAddr (1.3.6.1.4.1.25506.2.13.1.5.1.2)	not-accessible	Current	As per MIB
hh3cRdSecondaryAccVpnName (1.3.6.1.4.1.25506.2.13.1.5.1.3)	not-accessible	Current	The length of this object is range from 0 to 31
hh3cRdSecondaryAccUdpPort (1.3.6.1.4.1.25506.2.13.1.5.1.4)	not-accessible	Current	The range of primary UDP port is from 1 to 65535
hh3cRdSecondaryAccState (1.3.6.1.4.1.25506.2.13.1.5.1.5)	read-create	No	As per MIB
hh3cRdSecondaryAccKey (1.3.6.1.4.1.25506.2.13.1.5.1.6)	read-create	Current	The length of this object is range from 0 to 64, get operation will return null string

Companion

Name	Access	PDS	Description
hh3cRdSecondaryAccRowStatus (1.3.6.1.4.1.25506.2.13.1.5.1.7)	read-create	Current	As per MIB

102.6 hh3cRadiusAccServerTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.2.1.1

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

102.7 hh3cRadiusAuthServerTable

OID of this table is: 1.3.6.1.4.1.25506.2.13.4.1.1

Name	Access	PDS	Description
hh3cRadiusAuthFailureTimes (1.3.6.1.4.1.25506.2.13.4.1.1.1.1)	read-only	No	As per MIB

Companion

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

102.8 hh3cRadiusStatistic

OID of this table is: 1.3.6.1.4.1.25506.2.13.6

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

103 HH3C-RMON-EXT2-MIB

The HH3C-RMON-EXT2-MIB is used with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices.

103.1 hh3cRmonExtAlarmTable

Note:

1) When creating a new instance of this table, the following objects SHOULD be set simultaneously: hh3cRmonExtAlarmVariable, hh3cRmonExtAlarmSympol, hh3cRmonExtAlarmStatus.

2) Configuring will be failed, if the length of command string build from current

configuration is greater than max length of CLI.

OID of this table is: 1.3.6.1.4.1.25506.2.125.1

Name	Access	PDS	Description
hh3cRmonExtAlarmIndex (1.3.6.1.4.1.25506.2.125.1.1.1)	read-only	Current	As per MIB
hh3cRmonExtAlarmInterval (1.3.6.1.4.1.25506.2.125.1.1.2)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmVariable (1.3.6.1.4.1.25506.2.125.1.1.3)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmSympol (1.3.6.1.4.1.25506.2.125.1.1.4)	read-crea te	Current	The length of value is from 1 to 127. Not support non-printable characters and '? '.
hh3cRmonExtAlarmSampleTy pe (1.3.6.1.4.1.25506.2.125.1.1.5)	read-crea te	Current	Only support absoluteValue(1) anddeltaValue(2).
hh3cRmonExtAlarmValue (1.3.6.1.4.1.25506.2.125.1.1.6)	read-only	No	If out of the positive range of hh3cprialarmValue, the value will be a negative.
hh3cRmonExtAlarmStartupAla rm (1.3.6.1.4.1.25506.2.125.1.1.7)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmRisingThre shold (1.3.6.1.4.1.25506.2.125.1.1.8)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmFallingThr eshold (1.3.6.1.4.1.25506.2.125.1.1.9)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmRisingEvtl ndex (1.3.6.1.4.1.25506.2.125.1.1.1 0)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmFallingEvtl ndex (1.3.6.1.4.1.25506.2.125.1.1.1 1)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmStatCycle (1.3.6.1.4.1.25506.2.125.1.1.1 2)	read-crea te	Current	As per MIB
hh3cRmonExtAlarmStatType (1.3.6.1.4.1.25506.2.125.1.1.1	read-crea te	Current	As per MIB

Companion

Name	Access	PDS	Description
3)			
hh3cRmonExtAlarmOwner (1.3.6.1.4.1.25506.2.125.1.1.1 4)	read-crea te	Current	The length of value is from 0 to 127. Not support non-printable characters and '? '.
hh3cRmonExtAlarmStatus (1.3.6.1.4.1.25506.2.125.1.1.1 5)	read-crea te	Current	As per MIB

104 HH3C-SPB-MIB

A SPB MIB includes configuration global SPB status, interface SPB status, the Base VID associated with this service and the multicast duplicate mode.

104.1 Scalar objects of hh3cSpbSysObjects group

OID of this table is: 1.3.6.1.4.1.25506.2.128.1.1

Name	Access	PDS	Description
hh3cSpbSysStatus (1.3.6.1.4.1.25506.2.128.1.1. 1)	read-write	Current	As per MIB
hh3cSpbMulticastBVlanStatu s (1.3.6.1.4.1.25506.2.128.1.1. 2)	read-write	Current	As per MIB

104.2 hh3cSpblfTable

OID of this table is: 1.3.6.1.4.1.25506.2.128.1.2.1

Name	Access	PDS	Description
hh3cSpblfStatus (1.3.6.1.4.1.25506.2.128.1.2. 1.1.1)	read-write	Current	As per MIB

104.3 hh3cSpbSrvTable

OID of this table is: 1.3.6.1.4.1.25506.2.128.1.2.2

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cSpbSrvTableEntryTopIx (1.3.6.1.4.1.25506.2.128.1.2.2.1.1)	not-accessible	No	As per MIB
hh3cSpbSrvTableEntryIsid(1.3.6.1.4.1.25506.2.128.1.2.2.1.2)	not-accessible	No	As per MIB
hh3cSpbSrvTableEntryBaseVid(1.3.6.1.4.1.25506.2.128.1.2.2.1.3)	read-write	Current	As per MIB
hh3cSpbSrvTableEntryMode(1.3.6.1.4.1.25506.2.128.1.2.2.1.4)	read-write	Current	As per MIB

105 HH3C-SSH-MIB

105.1 Scalar objects

Name	Access	PDS	Description
hh3cSSHServerVersion (1.3.6.1.4.1.25506.2.22.1.1.1.1)	read-only	No	The default value is 1.99, meaning that it is compatible with SSH versions 1.x.
hh3cSSHServerCompatibleSSH1x (1.3.6.1.4.1.25506.2.22.1.1.1.2)	read-write	Current	The default value is enableCompatibleSSH1x(1).
hh3cSSHServerRekeyInterval (1.3.6.1.4.1.25506.2.22.1.1.1.3)	read-write	Current	Range from 0 to 24. The default value is 0, meaning that the key will not be refreshed.
hh3cSSHServerAuthRetries (1.3.6.1.4.1.25506.2.22.1.1.1.4)	read-write	Current	Range from 1 to 5. The default value is 3.
hh3cSSHServerAuthTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.5)	read-write	Current	Range from 1 to 120. The default value is 60.
hh3cSFTPServerIdleTimeout (1.3.6.1.4.1.25506.2.22.1.1.1.6)	read-write	Current	Range from 1 to 35791. The default value is 10.
hh3cSSHServerEnable	read-write	Current	The default value is

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.22.1.1.1.7)			disableSSHServer(2).
hh3cSFTPServerEnable (1.3.6.1.4.1.25506.2.22.1.1.1.8)	read-write	Current	The default value is disableSFTPService(2).

105.2 hh3cSSHUserConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.22.1.1.2.1

Name	Access	PDS	Description
hh3cSSHUserName (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.1)	not-accessible	Current	The length of value is from 1 to 80.
hh3cSSHUserServiceType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.2)	read-create	Current	The default value is invalid(1).
hh3cSSHUserAuthType (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.3)	read-create	Current	The default value is invalid(1). When this object is set to password, means that this user uses password authentication in AAA(Authentication, Authorization, Accounting) module. When this object is set to publicKey, means that this user uses public key authentication in PKEY(Public Key) module. When this object is set to any, means that this user uses either password authentication or publickey authentication. When this object is set to publicKeyPassword, means that this user uses both publickey authentication and password authentication.
hh3cSSHUserPublicKeyName	read-create	Current	The length of value is from 1

Companion

Name	Access	PDS	Description
e (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.4)			to 64. The default value is null string. This object only can get value from an existent public key, which is managed in PKEY (Public Key) module.
hh3cSSHUserWorkDirectory (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.5)	read-create	Current	Not supported.
hh3cSSHUserRowStatus (1.3.6.1.4.1.25506.2.22.1.1.2.1.1.6)	read-create	No	Four actions are used: active(1), notInService(2), createAndGo(4), destroy(6). When `hh3cSSHUserRowStatus' is set to active(1), no object in the conceptual row can be modified. In particular, a newly created user row which uses public key authentication cannot be made active(1) until the corresponding instance of `hh3cSSHUserAuthType' is 'publicKey' or 'publicKeyPassword', and the `hh3cSSHUserPublicKeyName' is configured appropriately.

105.3 hh3cSSHSessionInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.22.1.1.3

Name	Access	PDS	Description
hh3cSSHSessionID (1.3.6.1.4.1.25506.2.22.1.1.3.1.1)	not-accessible	No	As per MIB
hh3cSSHSessionUserName (1.3.6.1.4.1.25506.2.22.1.1.3.1.2)	read-only	No	The length of value is from 1 to 80.

Companion

Name	Access	PDS	Description
1.2)			
hh3cSSHSessionUserIpAddr Type (1.3.6.1.4.1.25506.2.22.1.1.3. 1.3)	read-only	No	As per MIB
hh3cSSHSessionUserIpAddr (1.3.6.1.4.1.25506.2.22.1.1.3. 1.4)	read-only	No	As per MIB
hh3cSSHSessionClientVersion (1.3.6.1.4.1.25506.2.22.1.1.3. 1.5)	read-only	No	As per MIB
hh3cSSHSessionServiceType (1.3.6.1.4.1.25506.2.22.1.1.3. 1.6)	read-only	No	As per MIB
hh3cSSHSessionEncry (1.3.6.1.4.1.25506.2.22.1.1.3. 1.7)	read-only	No	As per MIB
hh3cSSHSessionState (1.3.6.1.4.1.25506.2.22.1.1.3. 1.8)	read-only	No	As per MIB

105.4 Scalar objects for notify

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

106 HH3C-STACK-MIB

106.1 Scalar objects

Name	Access	PDS	Description
hh3cStackMaxMember (1.3.6.1.4.1.25506.2.91.1.1)	read-only	No	The maximum number of members in a stack.
hh3cStackMemberNum (1.3.6.1.4.1.25506.2.91.1.2)	read-only	No	The number of members currently in a stack.
hh3cStackMaxConfigPriority (1.3.6.1.4.1.25506.2.91.1.3)	read-only	No	The highest priority that can be configured for a member in a stack.
hh3cStackAutoUpdate (1.3.6.1.4.1.25506.2.91.1.4)	read-write	Current	The function for automatically updating the image from master to slave. When a new device tries to join a stack, the image version is checked. When this function is enabled, if the image version of the new device is different from that of the master, the image of the new device will be updated to be consistent with that of the master. When this function is disabled, the new device can not join the stack if the image version of the new device is different from that of the master. disabled: disable auto update function enabled: enable auto update function
hh3cStackMacPersistence (1.3.6.1.4.1.25506.2.91.1.5)	read-write	Current	The modes of bridge MAC address persistence. When a stack starts, the bridge MAC address of master board will be used as that of the stack. If the master board leaves the stack, the

Companion

Name	Access	PDS	Description
			<p>bridge MAC address of the stack will change based on the mode of bridge MAC address persistence.</p> <p>notPersist: The bridge MAC address of the new master board will be used as that of the stack immediately.</p> <p>persistForSixMin: The bridge MAC address will be reserved for six minutes. In this period, if the master board which has left the stack rejoins the stack, the bridge MAC address of the stack will not change. Otherwise, the bridge MAC address of the new master board will be used as that of the stack.</p> <p>persistForever: Whether the master leaves or not, the bridge MAC address of the stack will never change.</p>
hh3cStackLinkDelayInterval (1.3.6.1.4.1.25506.2.91.1.6)	read-write	Current	<p>The delay time for a device in a stack to report the change of stack port link status. If the delay time is configured, a device in a stack will not report the change immediately when the stack port link status changes to down. During the delay period, if the stack port link status is resumed, the device will ignore the current change of the stack port link status. If the stack port link status is not resumed after the delay time, the device will report the change.</p>

Companion

Name	Access	PDS	Description
			0 means no delay, namely, the device will report the change as soon as the stack port link status changes to down. 0: no delay 200-2000(ms): delay time
hh3cStackTopology (1.3.6.1.4.1.25506.2.91.1.7)	read-only	No	The topology of the stack. chainConn: chain connection ringConn: ring connection
hh3cStackDomainId (1.3.6.1.4.1.25506.2.91.1.8)	read-write	Current	Domain ID of the IRF fabric which used to uniquely identify IRF fabrics and prevent IRF fabrics from interfering with one another.

106.2 hh3cStackDeviceConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.2

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

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.91.2.1.3)			stack. The valid value ranges from 1 to the value of hh3cStackMaxConfigPriority .
hh3cStackPortNum (1.3.6.1.4.1.25506.2.91.2.1.4)	read-only	No	The number of stack ports which is enabled in a device.
hh3cStackPortMaxNum (1.3.6.1.4.1.25506.2.91.2.1.5)	read-only	No	The maximum number of stack ports in a device.

106.3 hh3cStackBoardConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.3

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

106.4 hh3cStackPortInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.4

Name	Access	PDS	Description
hh3cStackPortIndex (1.3.6.1.4.1.25506.2.91.4.1.1)	not-accessible	No	The index of a stack port of the device in a stack.
hh3cStackPortEnable (1.3.6.1.4.1.25506.2.91.4.1.2)	read-only	No	The status of the stack port of the device in a stack. If no physical port is added to the stack port, its status is 'disabled'; otherwise, its status is 'enabled'. disabled: The stack port is disabled. enabled: The stack port is

Companion

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

106.5 hh3cStackPhyPortInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.91.5

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

107 HH3C-STORM-CONSTRAIN-MIB

107.1 scalar objects

Name	Access	PDS	Description
hh3cStormTrapType (1.3.6.1.4.1.25506.2.66.1.1)	accessible-f or-notify	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cStormTrapThreshold (1.3.6.1.4.1.25506.2.66.1.2)	accessible-f or-notify	No	As per MIB

107.2 hh3cStormCtrlTable

OID of this table is: 1.3.6.1.4.1.25506.2.66.2.1

Name	Access	PDS	Description
hh3cStormCtrlPortStatus (1.3.6.1.4.1.25506.2.66.2.1.1.1)	read-only	No	As per MIB
hh3cStormCtrlBroadcastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.2)	read-create	Current	The objects hh3cStormCtrlBroadcastUnit . hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together. 'bytePerSecond' and 'none' is not supported by set operation
hh3cStormCtrlBroadcastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.3)	read-create	Current	The objects hh3cStormCtrlBroadcastUnit , hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together. If the value is zero, means the configuration is useless

Companion

Name	Access	PDS	Description
hh3cStormCtrlBroadcastLower (1.3.6.1.4.1.25506.2.66.2.1.1.4)	read-create	Current	The objects hh3cStormCtrlBroadcastUnit, hh3cStormCtrlBroadcastUpper and hh3cStormCtrlBroadcastLower must be set together. And the value must be lower the value of hh3cStormCtrlBroadcastUpper. If the value is zero, means the configuration is useless
hh3cStormCtrlMulticastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.5)	read-create	Current	The objects hh3cStormCtrlMulticastUnit, hh3cStormCtrlMulticastUpper and hh3cStormCtrlMulticastLower must be set together. 'bytePerSecond' and 'none' is not supported by set operation
hh3cStormCtrlMulticastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.6)	read-create	Current	The objects hh3cStormCtrlMulticastUnit, hh3cStormCtrlMulticastUpper and hh3cStormCtrlMulticastLower must be set together. If the value is zero, means the configuration is useless

Companion

Name	Access	PDS	Description
hh3cStormCtrlMulticastLower (1.3.6.1.4.1.25506.2.66.2.1.1.7)	read-create	Current	The objects hh3cStormCtrlMulticastUnit, hh3cStormCtrlMulticastUpper and hh3cStormCtrlMulticastLower must be set together. And the value must be lower the value of hh3cStormCtrlMulticastUpper. If the value is zero, means the configuration is useless
hh3cStormCtrlUnicastUnit (1.3.6.1.4.1.25506.2.66.2.1.1.8)	read-create	Current	The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together. 'bytePerSecond' and 'none' is not supported by set operation
hh3cStormCtrlUnicastUpper (1.3.6.1.4.1.25506.2.66.2.1.1.9)	read-create	Current	The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together. If the value is zero, means the configuration is useless
hh3cStormCtrlUnicastLower (1.3.6.1.4.1.25506.2.66.2.1.1.10)	read-create	Current	The objects hh3cStormCtrlUnicastUnit, hh3cStormCtrlUnicastUpper and hh3cStormCtrlUnicastLower must be set together. And the value must be lower the value of hh3cStormCtrlUnicastUpper. If the value is zero, means the configuration is useless

Companion

Name	Access	PDS	Description
hh3cStormCtrlRowStatus (1.3.6.1.4.1.25506.2.66.2.1.1.11)	read-create	Current	Only support active createAndgo and destroy.
hh3cStormCtrlPortMode (1.3.6.1.4.1.25506.2.66.2.1.1.12)	read-create	Current	As per MIB

108 HH3C-SYS-MAN-MIB

108.1 Scalar objects

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

Name	Access	PDS	Description
hh3cSysLocalClock (1.3.6.1.4.1.25506.2.3.1.1.1)	read-write	Yes	As per MIB
hh3cSysLocalClockString (1.3.6.1.4.1.25506.2.3.1.1.3)	read-write	Yes	As per MIB
hh3cSysReloadSchedule (1.3.6.1.4.1.25506.2.3.1.3.1)	read-write	No	In a reload action, if the entity index of hh3cSysReloadSchedule is 1, the whole device will be reloaded.
hh3cSysReloadAction (1.3.6.1.4.1.25506.2.3.1.3.2)	read-write	No	As per MIB
hh3cSysReloadTag (1.3.6.1.4.1.25506.2.3.1.3.4)	read-write	No	As per MIB
hh3cSysImageNum (1.3.6.1.4.1.25506.2.3.1.4.1)	read-only	No	Not Supported
hh3cSysCFGFileNum (1.3.6.1.4.1.25506.2.3.1.5.1)	read-only	No	As per MIB
hh3cSysBtmLoadMaxNumber (1.3.6.1.4.1.25506.2.3.1.6.1.1)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
)			
hh3cSysSummerTimeEnable (1.3.6.1.4.1.25506.2.3.1.1.2.1)	read-only	Current	As per MIB
hh3cSysSummerTimeZone (1.3.6.1.4.1.25506.2.3.1.1.2.2)	read-write	Current	As per MIB
hh3cSysSummerTimeMethod (1.3.6.1.4.1.25506.2.3.1.1.2.3)	read-write	Current	Only "repeating" method is supported.
hh3cSysSummerTimeStart (1.3.6.1.4.1.25506.2.3.1.1.2.4)	read-write	Current	As per MIB
hh3cSysSummerTimeEnd (1.3.6.1.4.1.25506.2.3.1.1.2.5)	read-write	Current	As per MIB
hh3cSysSummerTimeOffset (1.3.6.1.4.1.25506.2.3.1.1.2.6)	read-write	Current	As per MIB
hh3cSysPackageNum (1.3.6.1.4.1.25506.2.3.1.7.1)	read-only	No	It is the sum of all the package files.
hh3cSysPackageOperateEntryLimit (1.3.6.1.4.1.25506.2.3.1.7.3)	read-write	No	The maximum of the hh3cSysPackageOperateEntry can be created. The default value is 32,the value range is 1-128.If the number of the hh3cSysPackageOperateTable has reached the maximum,the oldest PackageOperEntry will be deleted when creating a new entry.
hh3cSysIpeFileNum (1.3.6.1.4.1.25506.2.3.1.8.1)	read-only	No	It is the sum of all the ipe files.

108.2 hh3cSysCurTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.2.1

Companion

Name	Access	PDS	Description
hh3cSysCurEntPhysicalIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.1)	not-accessible	No	As per MIB
hh3cSysCurCFGFileIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.2)	read-only	Current	As per MIB
hh3cSysCurImageIndex (1.3.6.1.4.1.25506.2.3.1.2.1.1.3)	read-only	Current	Not supported
hh3cSysCurBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.4)	read-only	No	Not supported
hh3cSysCurUpdateBtmFileName (1.3.6.1.4.1.25506.2.3.1.2.1.1.5)	read-only	No	Not supported

108.3 hh3cSysReloadScheduleTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.3.3

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

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.3.1.3.3.1.4)			
hh3cSysReloadReason (1.3.6.1.4.1.25506.2.3.1.3.3.1.5)	read-create	No	As per MIB
hh3cSysReloadScheduleTime (1.3.6.1.4.1.25506.2.3.1.3.3.1.6)	read-create	No	As per MIB
hh3cSysReloadRowStatus (1.3.6.1.4.1.25506.2.3.1.3.3.1.7)	read-create	No	As per MIB
hh3cSysReloadScheduleTagList (1.3.6.1.4.1.25506.2.3.1.3.3.1.8)	read-create	No	If the value of hh3cSysReloadSchedule is not 0, the hh3cSysReloadScheduleTagList will be ignored.

108.4 hh3cSysCFGFileTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.5.2

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

108.5 hh3cSysBtmLoadTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.6.2

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

✧ Terms

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

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

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

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

✧ Function

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

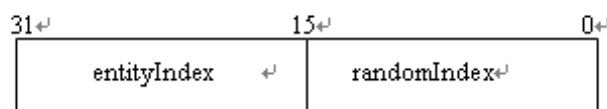
It assumes that the source Bootrom file already exists in the file system of the device before doing operation. On system startup, this table is empty.

✧ Notes

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

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

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



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

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

4) It is strongly recommended that the name of a Bootrom file ends with valid filename extension, but this table will not check the filename. The verification of validity of a Bootrom file will be performed after the hh3cSysBtmRowStatus of this instance turns into 'active'.

5) hh3cSysBtmFileName must include a path.

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

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

8) hh3cSysBtmErrorStatus can be used to get current progress or result of the

updating operation. At any time, there is only one instance of which the hh3cSysBtmErrorStatus is 'InProgress' in the same device. Creating a new instance will fail if there is an instance of which hh3cSysBtmErrorStatus is 'InProgress'.

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

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

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

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

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

◇ Examples

Creating a new instance.

A valid Bootrom file named with "flash:/lsws5820x6019_v1.15.btw" is supposed existing in file system.

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

```
hh3cSysBtmFileName.131073 = "flash:/lsws5820x6019_v1.15.btw"
```

```
hh3cSysBtmFileType.131073 = 'main'
```

hh3cSysBtmRowStatus.131073 = 'createAndGo'

108.6 hh3cSysPackageTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.7.2

Name	Access	PDS	Description
hh3cSysPackageIndex (1.3.6.1.4.1.25506.2.3.1.7.2.1.1)	not-accessible	No	This index of the hh3cSysPackageTable.
hh3cSysPackageName (1.3.6.1.4.1.25506.2.3.1.7.2.1.2)	read-only	Yes	The name of package which doesn't contain the location.
hh3cSysPackageSize (1.3.6.1.4.1.25506.2.3.1.7.2.1.3)	read-only	Yes	It identify the size of a package in bytes.
hh3cSysPackageLocation (1.3.6.1.4.1.25506.2.3.1.7.2.1.4)	read-only	Yes	The location of the package be saved, it doesn't contain the package name.
hh3cSysPackageType (1.3.6.1.4.1.25506.2.3.1.7.2.1.5)	read-only	Yes	the type of the package file, such as boot, system, feature, patch.
hh3cSysPackageAttribute (1.3.6.1.4.1.25506.2.3.1.7.2.1.6)	read-write	Yes	the attribute of the package file.
hh3cSysPackageStatus (1.3.6.1.4.1.25506.2.3.1.7.2.1.7)	read-only	Yes	the status of the package file.
hh3cSysPackageDescription (1.3.6.1.4.1.25506.2.3.1.7.2.1.8)	read-only	Yes	It is the description of the package.
hh3cSysPackageFeature (1.3.6.1.4.1.25506.2.3.1.7.2.1.9)	read-only	Yes	Indicate the feature of the package.
hh3cSysPackageVersion (1.3.6.1.4.1.25506.2.3.1.7.2.1.10)	read-only	Yes	The version of the package.

108.7 hh3cSysPackageOperateTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.7.4

Name	Access	PDS	Description
hh3cSysPackageOperateIndex (1.3.6.1.4.1.25506.2.3.1.7.4.1.1)	not-accessible	No	The index of the hh3cSysPackageOperateTable
hh3cSysPackageOperatePackageIndex (1.3.6.1.4.1.25506.2.3.1.7.4.1.2)	read-create	No	The index points one row of package table. It identify which package file will be active/inactive.
hh3cSysPackageOperateStatus (1.3.6.1.4.1.25506.2.3.1.7.4.1.3)	read-create	No	It specify which operation will be set to the package.(The are two operate status 1.active 2.inactive)
hh3cSysPackageOperateRowStatus (1.3.6.1.4.1.25506.2.3.1.7.4.1.4)	read-create	No	As per MIB
hh3cSysPackageOperateResult (1.3.6.1.4.1.25506.2.3.1.7.4.1.5)	read-only	No	It specify the operate result.

108.8 hh3cSysIpeFileTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.8

Name	Access	PDS	Description
hh3cSysIpeFileIndex (1.3.6.1.4.1.25506.2.3.1.8.2.1.1)	not-accessible	No	The index of the hh3cSysIpeFileTable.
hh3cSysIpeFileName (1.3.6.1.4.1.25506.2.3.1.8.2.1.2)	read-only	Yes	The name of the ipe file
hh3cSysIpeFileSize (1.3.6.1.4.1.25506.2.3.1.8.2.1.3)	read-only	Yes	It identify the size of a ipe file in bytes.

Companion

hh3cSysIpeFileLocation (1.3.6.1.4.1.25506.2.3.1.8.2.1.4)	read-only	Yes	The location of the ipe be saved, it doesn't contain the ipe file name.
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108.9 hh3cSysIpePackageTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.8.3

Name	Access	PDS	Description
hh3cSysIpePackageIndex (1.3.6.1.4.1.25506.2.3.1.8.3.1.1)	not-accessible	No	The index of hh3csysIpePackageTable.
hh3cSysIpePackageName (1.3.6.1.4.1.25506.2.3.1.8.3.1.2)	read-only	Yes	The name of the ipe package file which composes the ipe file.
hh3cSysIpePackageSize (1.3.6.1.4.1.25506.2.3.1.8.3.1.3)	read-only	Yes	It identify the size of an ipe package file in bytes.
hh3cSysIpePackageType (1.3.6.1.4.1.25506.2.3.1.8.3.1.4)	read-only	Yes	The type of the package file, such as boot, system, feature, patch.
hh3cSysPackageDescription (1.3.6.1.4.1.25506.2.3.1.8.3.1.5)	read-only	Yes	It is the description of the package
hh3cSysIpePackageFeature (1.3.6.1.4.1.25506.2.3.1.8.3.1.6)	read-only	Yes	Indicate the feature of the package.
hh3cSysIpePackageVersion (1.3.6.1.4.1.25506.2.3.1.8.3.1.7)	read-only	Yes	The version of the package.

108.10 hh3cSysIpeFileOperateTable

OID of this table is: 1.3.6.1.4.1.25506.2.3.1.8.4

Name	Access	PDS	Description
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Companion

hh3cSysIpeFileOperateIndex (1.3.6.1.4.1.25506.2.3.1.8.4.1.1)	not-accessible	No	The index of hh3cSysIpeFileOperateTable. If the entity index of the hh3cSysIpeFileOperateTable is 1, the ipe file will be decompressed to all the main board.
hh3cSysIpeFileOperateFileIndex (1.3.6.1.4.1.25506.2.3.1.8.4.1.2)	read-create	No	It is the index of ipe file. It identifies which ipe file will be operated. The index points one row of h3cSysIpeFileTable.
hh3cSysIpeFileOperateAttribute (1.3.6.1.4.1.25506.2.3.1.8.4.1.3)	read-create	No	It specifies the attribute of the ipe file. If the ipe file is set primary, the system will be reload by the ipe file next time.
hh3cSysIpeFileOperateRowStatus (1.3.6.1.4.1.25506.2.3.1.8.4.1.4)	read-create	No	As per MIB
hh3cSysIpeFileOperateResult (1.3.6.1.4.1.25506.2.3.1.8.4.1.5)	read-only	No	It specifies the operate result.

109 HH3C-TRANSCEIVER-INFO-MIB

109.1 hh3cTransceiverInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.70.1.1

Name	Access	PDS	Description
hh3cTransceiverHardwareType (1.3.6.1.4.1.25506.2.70.1.1.1.1)	read-only	Yes	As per MIB
hh3cTransceiverType (1.3.6.1.4.1.25506.2.70.1.1.1.2)	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
2)			
hh3cTransceiverWaveLength (1.3.6.1.4.1.25506.2.70.1.1.1.3)	read-only	Yes	As per MIB
hh3cTransceiverVendorName (1.3.6.1.4.1.25506.2.70.1.1.1.4)	read-only	Yes	As per MIB
hh3cTransceiverSerialNumber (1.3.6.1.4.1.25506.2.70.1.1.1.5)	read-only	Yes	As per MIB
hh3cTransceiverFiberDiameterType (1.3.6.1.4.1.25506.2.70.1.1.1.6)	read-only	Yes	As per MIB
hh3cTransceiverTransferDistance (1.3.6.1.4.1.25506.2.70.1.1.1.7)	read-only	Yes	As per MIB
hh3cTransceiverDiagnostic (1.3.6.1.4.1.25506.2.70.1.1.1.8)	read-only	Yes	As per MIB
hh3cTransceiverCurTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.9)	read-only	Yes	As per MIB
hh3cTransceiverMaxTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.10)	read-only	Yes	As per MIB
hh3cTransceiverMinTXPower (1.3.6.1.4.1.25506.2.70.1.1.1.11)	read-only	Yes	As per MIB
hh3cTransceiverCurRXPower (1.3.6.1.4.1.25506.2.70.1.1.1.12)	read-only	Yes	As per MIB
hh3cTransceiverMaxRXPower (1.3.6.1.4.1.25506.2.70.1.1.1.13)	read-only	Yes	As per MIB
hh3cTransceiverMinRXPower	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
(1.3.6.1.4.1.25506.2.70.1.1.1.14)			
hh3cTransceiverTemperature (1.3.6.1.4.1.25506.2.70.1.1.1.15)	read-only	Yes	As per MIB
hh3cTransceiverVoltage (1.3.6.1.4.1.25506.2.70.1.1.1.16)	read-only	Yes	As per MIB
hh3cTransceiverBiasCurrent (1.3.6.1.4.1.25506.2.70.1.1.1.17)	read-only	Yes	As per MIB
hh3cTransceiverTempHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.18)	read-only	Yes	As per MIB
hh3cTransceiverTempLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.19)	read-only	Yes	As per MIB
hh3cTransceiverTempHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.20)	read-only	Yes	As per MIB
hh3cTransceiverTempLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.21)	read-only	Yes	As per MIB
hh3cTransceiverVccHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.22)	read-only	Yes	As per MIB
hh3cTransceiverVccLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.23)	read-only	Yes	As per MIB
hh3cTransceiverVccHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.24)	read-only	Yes	As per MIB
hh3cTransceiverVccLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.25)	read-only	Yes	As per MIB
hh3cTransceiverBiasHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
26)			
hh3cTransceiverBiasLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.27)	read-only	Yes	As per MIB
hh3cTransceiverBiasHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.28)	read-only	Yes	As per MIB
hh3cTransceiverBiasLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.29)	read-only	Yes	As per MIB
hh3cTransceiverPwrOutHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.30)	read-only	Yes	As per MIB
hh3cTransceiverPwrOutLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.31)	read-only	Yes	As per MIB
hh3cTransceiverPwrOutHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.32)	read-only	Yes	As per MIB
hh3cTransceiverPwrOutLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.33)	read-only	Yes	As per MIB
hh3cTransceiverRcvPwrHiAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.34)	read-only	Yes	As per MIB
hh3cTransceiverRcvPwrLoAlarm (1.3.6.1.4.1.25506.2.70.1.1.1.35)	read-only	Yes	As per MIB
hh3cTransceiverRcvPwrHiWarn (1.3.6.1.4.1.25506.2.70.1.1.1.36)	read-only	Yes	As per MIB
hh3cTransceiverRcvPwrLoWarn (1.3.6.1.4.1.25506.2.70.1.1.1.	read-only	Yes	As per MIB

Companion

Name	Access	PDS	Description
37)			
hh3cTransceiverErrors (1.3.6.1.4.1.25506.2.70.1.1.1.38)	read-only	Yes	As per MIB

110 HH3C-TRAP-MIB

110.1 hh3cTrapDesInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.38.1.7.1

Name	Access	PDS	Description
hh3cTrapDesInfoIndex (1.3.6.1.4.1.25506.2.38.1.7.1.1.1)	not-accessible	Current	As per MIB
hh3cTrapDesIPAddress (1.3.6.1.4.1.25506.2.38.1.7.1.1.2)	read-create	Current	As per MIB
hh3cTrapDesPort (1.3.6.1.4.1.25506.2.38.1.7.1.1.3)	read-create	Current	As per MIB
hh3cTrapDesRowStatus (1.3.6.1.4.1.25506.2.38.1.7.1.1.4)	read-create	Current	As per MIB
hh3cTrapDesAddrTAddress(1.3.6.1.4.1.25506.2.38.1.7.1.1.5)	read-create	Current	As per MIB

110.2 hh3cTrapConfigTable

OID of this table is: 1.3.6.1.4.1.25506.2.38.1.8.1

Name	Access	PDS	Description
hh3cTrapConfigIndex (1.3.6.1.4.1.25506.2.38.1.8.1.1.1)	not-accessible	No	As per MIB

Companion

hh3cTrapConfigName (1.3.6.1.4.1.25506.2.38.1.8.1.1.2)	read-only	No	As per MIB
hh3cTrapConfigDescr (1.3.6.1.4.1.25506.2.38.1.8.1.1.3)	read-write	No	As per MIB
hh3cTrapConfigSwitch(1.3.6.1.4.1.25506.2.38.1.8.1.1.4)	read-write	No	As per MIB

110.3 hh3cRtTabTrap

OID of this table is: 1.3.6.1.4.1.25506.2.38.1.3.5

Name	Access	PDS	Description
hh3cRtTabFullTrap (1.3.6.1.4.1.25506.2.38.1.3.5.1)	read-only	No	Send this trap when the routing table is filled. The interval between two traps generated should be longer than hh3cRtTabTrapInterval.

111 HH3C-TRNG2-MIB

This MIB is used to manage time-range.

When creating an absolute time-range, configure

hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngAbsoluteNameIndex to create hh3cTrngAbsoluteTable.

When creating a periodic time-range, configure hh3cTrngCreateTimerangeTable firstly, then use the value of hh3cTrngIndex as the value of hh3cTrngPeriodicNameIndex to create hh3cTrngPeriodicTable.

If hh3cTrngCreateTimerangeTable is configured, hh3cTrngAbsoluteTable and hh3cTrngPeriodicTable are not configured, time-range does not actually exist, and the configuration of hh3cTrngCreateTimerangeTable may be lost after saving and rebooting, The configuration of hh3cTrngCreatTimerangeTable does not support the configuration replace operation.

111.1 hh3cTrngCreateTimerangeTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.1

Name	Access	PDS	Description
hh3cTrngIndex (1.3.6.1.4.1.25506.8.13.1.1.1)	not-accessible	No	Range from 1 to 1024.
hh3cTrngName (1.3.6.1.4.1.25506.8.13.1.1.1.2)	read-create	Current	As per MIB
hh3cTrngValidFlag (1.3.6.1.4.1.25506.8.13.1.1.1.3)	read-only	Current	As per MIB
hh3cTrngCreateRowStatus (1.3.6.1.4.1.25506.8.13.1.1.1.4)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)

111.2 hh3cTrngAbsoluteTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.2

Name	Access	PDS	Description
hh3cTrngAbsoluteNameIndex (1.3.6.1.4.1.25506.8.13.1.2.1.1)	not-accessible	No	Range from 1 to 1024.
hh3cTrngAbsoluteSubIndex (1.3.6.1.4.1.25506.8.13.1.2.1.2)	not-accessible	No	Range from 1 to 12.
hh3cTimerangeAbsoluteStartTime (1.3.6.1.4.1.25506.8.13.1.2.1.3)	read-create	Current	As per MIB
hh3cTimerangeAbsoluteEndTime (1.3.6.1.4.1.25506.8.13.1.2.1.4)	read-create	Current	As per MIB
hh3cTimerangeAbsoluteRowStatus (1.3.6.1.4.1.25506.8.13.1.2.1.5)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)

111.3 hh3cTrngPeriodicTable

OID of this table is: 1.3.6.1.4.1.25506.8.13.1.3

Name	Access	PDS	Description
hh3cTrngPeriodicNameIndex (1.3.6.1.4.1.25506.8.13.1.3.1.1)	not-accessible	No	Range from 1 to 1024.
hh3cTrngPeriodicSubIndex (1.3.6.1.4.1.25506.8.13.1.3.1.2)	not-accessible	No	Range from 1 to 32.
hh3cTrngPeriodicDayOfWeek (1.3.6.1.4.1.25506.8.13.1.3.1.3)	read-create	Current	As per MIB
hh3cTimerangePeriodicStartTime (1.3.6.1.4.1.25506.8.13.1.3.1.4)	read-create	Current	As per MIB
hh3cTimerangePeriodicEndTime (1.3.6.1.4.1.25506.8.13.1.3.1.5)	read-create	Current	As per MIB
hh3cTimerangePeriodicRowStatus (1.3.6.1.4.1.25506.8.13.1.3.1.6)	read-create	Current	Only support active(1), createAndGo(4), and destroy(6)

112 HH3C-TUNNEL-MIB

112.1 hh3cTunnelVxlanIfTable

OID of this table is: 1.3.6.1.4.1.25506.2.53.1.1.7

Name	Access	PDS	Description
hh3cTunnelVxlanIfTunnNum (1.3.6.1.4.1.25506.2.53.1.1.7.1.1)	not-accessible	No	As per MIB
hh3cTunnelVxlanIfIndex (1.3.6.1.4.1.25506.2.53.1.1.7.1.2)	read-only	Current	As per MIB
hh3cTunnelVxlanIfAddressType (1.3.6.1.4.1.25506.2.53.1.1.7.1.3)	read-create	Current	Current Only support IPv4 type

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Name	Access	PDS	Description
hh3cTunnelVxlanIfLocalAddr (1.3.6.1.4.1.25506.2.53.1.1.7.1. 4)	read-create	Current	As per MIB
hh3cTunnelVxlanIfRemoteAddr (1.3.6.1.4.1.25506.2.53.1.1.7.1. 5)	read-create	Current	As per MIB
hh3cTunnelVxlanIfStatus (1.3.6.1.4.1.25506.2.53.1.1.7.1. 6)	read-create	Current	Only support active, createAndGo and destroy

112.2 hh3cTunnelVxlanConfigGroup

OID of this table is: 1.3.6.1.4.1.25506.2.53.1.1.8

Name	Access	PDS	Description
hh3cTunnelVxlanUdpPort (1.3.6.1.4.1.25506.2.53.1.1.8.1)	read-write	Current	As per MIB
hh3cTunnelVxlanDropWrongCksm Pkt (1.3.6.1.4.1.25506.2.53.1.1.8.2)	read-write	Current	As per MIB
hh3cTunnelVxlanDropVlanTagPkt (1.3.6.1.4.1.25506.2.53.1.1.8.3)	read-write	Current	As per MIB

112.3 hh3cTunnelAvailableIDGroup

OID of this table is: 1.3.6.1.4.1.25506.2.53.1.1.9

Name	Access	PDS	Description
hh3cTunnelAvailableID (1.3.6.1.4.1.25506.2.53.1.1.9.1)	read-only	Current	As per MIB

112.4 hh3cTunnelTotalNumTable

OID of this table is: 1.3.6.1.4.1.25506.2.53.1.1.10

Name	Access	PDS	Description
hh3cTunnelEncapsMethod (1.3.6.1.4.1.25506.2.53.1.1.10.1.1)	not-accessible	No	As per MIB
hh3cTunnelTotalNum (1.3.6.1.4.1.25506.2.53.1.1.10.1.2)	read-only	Current	As per MIB

113 HH3C-UI-MAN-MIB

This MIB is used to manage user interfaces.

113.1 Scalar Objects

Name	Access	PDS	Description
hh3cTerminalUserName (1.3.6.1.4.1.25506.2.2.1.1.2.1)	accessible-f or-notify	Current	As per MIB
hh3cTerminalSource (1.3.6.1.4.1.25506.2.2.1.1.2.2)	accessible-f or-notify	Current	As per MIB
hh3cTerminalUserAuthFailureReason (1.3.6.1.4.1.25506.2.2.1.1.2.3)	accessible-f or-notify	Current	Not supported

114 HH3C-USER-MIB

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

114.1 Scalar Objects

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

114.2 hh3cUserInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.1

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

Name	Access	PDS	Description
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Companion

Name	Access	PDS	Description
hh3cUserName (1.3.6.1.4.1.25506.2.12.1.1.1.1)	read-create	Current	The value could not be null, and could not be "a", "al" and "all". The value could not contain some characters, such as '\', '/', ':', '*', '?', '<', '>', ' ' and '@' etc. The length of the value must no more than 55. The user name which will be created must not be existed, and it is case sensitive. Can not be modified after creation.
hh3cUserPassword (1.3.6.1.4.1.25506.2.12.1.1.1.2)	read-create	Current	A cipher password is a case-sensitive string of 1 to 117 characters. A plaintext password is a case-sensitive string of 1 to 63 characters. Get operation will return null string
hh3cAuthMode (1.3.6.1.4.1.25506.2.12.1.1.1.3)	read-create	Current	The value must be 0 or 7.
hh3cUserLevel (1.3.6.1.4.1.25506.2.12.1.1.1.4)	read-create	Current	Not supported
hh3cUserState (1.3.6.1.4.1.25506.2.12.1.1.1.5)	read-create	Current	As per MIB
hh3cUserInfoRowStatus (1.3.6.1.4.1.25506.2.12.1.1.1.6)	read-create	Current	As per MIB
hh3cUserIndex (1.3.6.1.4.1.25506.2.12.1.1.1.7)	not-accessible	Current	Range from 1 to 1024. The value can't be saved.

114.3 hh3cUserAttributeTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.2

Name	Access	PDS	Description
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Companion

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

Companion

Name	Access	PDS	Description
hh3cTelnetService (1.3.6.1.4.1.25506.2.12.1.2.1.14)	read-write	Current	Not supported
hh3cTerminalService (1.3.6.1.4.1.25506.2.12.1.2.1.15)	read-write	Current	Not supported
hh3cExpirationDate (1.3.6.1.4.1.25506.2.12.1.2.1.16)	read-write	Current	Not supported
hh3cUserGroup (1.3.6.1.4.1.25506.2.12.1.2.1.17)	read-write	Current	The maximum length of the group name is 32.
hh3cPortalService (1.3.6.1.4.1.25506.2.12.1.2.1.18)	read-write	Current	As per MIB
hh3cPPPSERVICE (1.3.6.1.4.1.25506.2.12.1.2.1.19)	read-write	Current	As per MIB
hh3cHttpService (1.3.6.1.4.1.25506.2.12.1.2.1.20)	read-write	Current	Not supported
hh3cHttpsService (1.3.6.1.4.1.25506.2.12.1.2.1.21)	read-write	Current	Not supported
hh3cUserIfIndex (1.3.6.1.4.1.25506.2.12.1.2.1.22)	read-write	Current	As per MIB

114.4 hh3cUserRoleTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.1.6

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

Name	Access	PDS	Description
hh3cUserRole (1.3.6.1.4.1.25506.2.12.1.6.1.1)	not-accessable	Current	The default role is network-operator or mdc-operator. The maximum length of the role name is 63

Companion

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

114.5 hh3cUserGroupInfoTable

OID of this table is: 1.3.6.1.4.1.25506.2.12.2.1

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

115 HH3C-VSAN-MIB

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

115.1 Scalar Objects

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.3.1

Name	Access	PDS	Description
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Companion

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

115.2 hh3cVsanTable

OID of this table is:1.3.6.1.4.1.25506.2.127.1.1.1.1

Name	Access	PDS	Description
hh3cVsanIndex (1.3.6.1.4.1.25506.2.127.1.1.1.1.1 .1)	accessible-f or-notify	Current	Only support value from 1 to 3839, and 4079.
hh3cVsanCoreSwitchName (1.3.6.1.4.1.25506.2.127.1.1.1.1.1 .2)	read-only	Current	As per MIB
hh3cVsanRowStatus (1.3.6.1.4.1.25506.2.127.1.1.1.1.1 .3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6)

115.3 hh3cVsanDmTable

OID of this table is: 1.3.6.1.4.1.25506.2.127.1.1.1.2

Name	Access	PDS	Description
hh3cVsanDmDomainConfigureEn able (1.3.6.1.4.1.25506.2.127.1.1.1.2.1 .1)	read-write	Current	As per MIB
hh3cVsanDmFabricNameConfigu red (1.3.6.1.4.1.25506.2.127.1.1.1.2.1 .2)	read-write	Current	As per MIB
hh3cVsanDmPriorityConfigured (1.3.6.1.4.1.25506.2.127.1.1.1.2.1 .3)	read-write	Current	As per MIB
hh3cVsanDmAllowedDomainIdLis t (1.3.6.1.4.1.25506.2.127.1.1.1.2.1 .4)	read-write	Current	As per MIB
hh3cVsanDmDomainIdConfigure d (1.3.6.1.4.1.25506.2.127.1.1.1.2.1 .5)	read-write	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cVsanDmDomainIdTypeConfigured (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.6)	read-write	Current	As per MIB
hh3cVsanDmAutoReconfigureEnable (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.7)	read-write	Current	As per MIB
hh3cVsanDmDomainRestart (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.8)	read-write	No	As per MIB
hh3cVsanDmState (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.9)	read-only	No	As per MIB
hh3cVsanDmDomainIdAssigned (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.10)	read-only	No	As per MIB
hh3cVsanDmPrincipalSwitchWWN (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.11)	read-only	No	As per MIB
hh3cVsanDmLocalSwitchWWN (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.12)	read-only	Yes	As per MIB
hh3cVsanDmPrincipalSwRunPriority (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.13)	read-only	No	As per MIB
hh3cVsanDmLocalSwRunPriority (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.14)	read-only	No	As per MIB
hh3cVsanDmPrincipalSwSlctCnt (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.15)	read-only	No	As per MIB
hh3cVsanDmLocalPrincipalSwSlctCnt (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.16)	read-only	No	As per MIB
hh3cVsanDmBFCnt (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.17)	read-only	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cVsanDmRCFCnt (1.3.6.1.4.1.25506.2.127.1.1.1.2.1.18)	read-only	No	As per MIB

115.4 hh3cVsanDmlfConfigTable

OID of this table is:1.3.6.1.4.1.25506.2.127.1.1.1.3

Name	Access	PDS	Description
hh3cVsanDmlfConfigRcfReject (1.3.6.1.4.1.25506.2.127.1.1.1.3.1.1)	read-write	Current	As per MIB

115.5 hh3cVsanDmDatabaseTable

OID of this table is:1.3.6.1.4.1.25506.2.127.1.1.2.1

Name	Access	PDS	Description
hh3cVsanDmDatabaseDomainId (1.3.6.1.4.1.25506.2.127.1.1.2.1.1.1)	not-accessible	Current	As per MIB
hh3cVsanDmDatabaseSwitchWWN (1.3.6.1.4.1.25506.2.127.1.1.2.1.1.2)	read-only	No	As per MIB

115.6 hh3cVsanDmlfInfoTable

OID of this table is:1.3.6.1.4.1.25506.2.127.1.1.2.2

Name	Access	PDS	Description
hh3cVsanDmlfInfoRole (1.3.6.1.4.1.25506.2.127.1.1.2.2.1.1)	read-only	Current	As per MIB

116 HH3C-VSI-MIB

116.1 Scalar Objects

Name	Access	PDS	Description
hh3cVsiNextAvailableVsilIndex (1.3.6.1.4.1.25506.2.105.1.1.1)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cVsiL2vpnStatus (1.3.6.1.4.1.25506.2.105.1.1.2)	read-write	Current	As per MIB

116.2 hh3cVsiTable

OID of this table is: 1.3.6.1.4.1.25506.2.105.1.2

Name	Access	PDS	Description
hh3cVsiIndex (1.3.6.1.4.1.25506.2.105.1.2.1.1)	not-accessible	No	As per MIB
hh3cVsiName (1.3.6.1.4.1.25506.2.105.1.2.1.2)	read-create	Current	Can not be modified after creation
hh3cVsiMode (1.3.6.1.4.1.25506.2.105.1.2.1.3)	read-create	Current	Not supported. The value is always 0. The variable value of set operation is ignored.
hh3cMinmlsid (1.3.6.1.4.1.25506.2.105.1.2.1.4)	read-create	Current	Can not be modified after creation
hh3cVsiId (1.3.6.1.4.1.25506.2.105.1.2.1.5)	read-create	Current	Can not be modified after creation
hh3cVsiTransMode (1.3.6.1.4.1.25506.2.105.1.2.1.6)	read-create	Current	Not supported. The value is always vlan(1).
hh3cVsiEnableHubSpoke (1.3.6.1.4.1.25506.2.105.1.2.1.7)	read-create	Current	Can not be modified after creation
hh3cVsiAdminState (1.3.6.1.4.1.25506.2.105.1.2.1.8)	read-create	Current	The default value is adminUp(1)
hh3cVsiRowStatus (1.3.6.1.4.1.25506.2.105.1.2.1.9)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6). Active(1) is only used to change the value of hh3cVsiAdminState、hh3cVsiArpSuppression、hh3cVsiFlooding.
hh3cVsiSpblsid (1.3.6.1.4.1.25506.2.105.1.2.1.10)	read-create	Current	Can not be modified after creation
hh3cVsiVxlanID (1.3.6.1.4.1.25506.2.105.1.2.1.11)	read-only	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cVsiArpSuppression (1.3.6.1.4.1.25506.2.105.1.2.1.12)	read-create	Current	As per MIB
hh3cVsiFlooding (1.3.6.1.4.1.25506.2.105.1.2.1.13)	read-create	Current	As per MIB
hh3cVsiLocalMacCount (1.3.6.1.4.1.25506.2.105.1.2.1.14)	read-only	Current	The value is always zero when the value of hh3cVsiVxlanID is invalid. The value may be not zero when the value of hh3cVsiVxlanID is valid.

116.3 hh3cVsiXconnectTable

OID of this table is: 1.3.6.1.4.1.25506.2.105.1.3

Name	Access	PDS	Description
hh3cVsiXconnectIfIndex (1.3.6.1.4.1.25506.2.105.1.3.1.1)	not-accessible	Current	As per MIB
hh3cVsiXconnectEvcSrvInstId (1.3.6.1.4.1.25506.2.105.1.3.1.2)	not-accessible	Current	As per MIB
hh3cVsiXconnectVsiName (1.3.6.1.4.1.25506.2.105.1.3.1.3)	read-create	Current	Can not be modified after creation
hh3cVsiXconnectAccessMode (1.3.6.1.4.1.25506.2.105.1.3.1.4)	read-create	Current	Can not be modified after creation
hh3cVsiXconnectHubSpoke (1.3.6.1.4.1.25506.2.105.1.3.1.5)	read-create	Current	Can not be modified after creation
hh3cVsiXconnectRowStatus (1.3.6.1.4.1.25506.2.105.1.3.1.6)	read-create	Current	Only support createAndGo(4) and destroy(6)

116.4 hh3cVsiFloodMacTable

OID of this table is: 1.3.6.1.4.1.25506.2.105.1.5

Name	Access	PDS	Description
hh3cVsiFloodMac (1.3.6.1.4.1.25506.2.105.1.5.1.1)	not-accessible	No	As per MIB
hh3cVsiFloodMacRowStatus (1.3.6.1.4.1.25506.2.105.1.5.1.2)	read-create	Current	Only support active(1),

Companion

Name	Access	PDS	Description
			createAndGo(4) and destroy(6).

116.5 hh3cVsiLocalMacTable

OID of this table is: 1.3.6.1.4.1.25506.2.105.1.6

Name	Access	PDS	Description
hh3cVsiLocalMacAddr (1.3.6.1.4.1.25506.2.105.1.6.1.1)	not-accessible	No	As per MIB
hh3cVsiLocalMacIfIndex (1.3.6.1.4.1.25506.2.105.1.6.1.2)	read-only	Current	As per MIB
hh3cVsiLocalMacSrvID (1.3.6.1.4.1.25506.2.105.1.6.1.3)	read-only	Current	As per MIB

117 HH3C-VXLAN-MIB

117.1 Scalar Objects

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.1

Name	Access	PDS	Description
hh3cVxlanLocalMacNotify (1.3.6.1.4.1.25506.2.150.1.1.1)	read-write	Current	As per MIB
hh3cVxlanRemoteMacLearn (1.3.6.1.4.1.25506.2.150.1.1.2)	read-write	Current	As per MIB
hh3cVxlanNextVxlanID (1.3.6.1.4.1.25506.2.150.1.1.3)	read-only	Current	As per MIB
hh3cVxlanConfigured (1.3.6.1.4.1.25506.2.150.1.1.4)	read-only	Current	As per MIB

117.2 hh3cVxlanTable

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.2

Name	Access	PDS	Description
hh3cVxlanID (1.3.6.1.4.1.25506.2.150.1.2.1.1)	not-accessible	No	As per MIB
hh3cVxlanAddrType (1.3.6.1.4.1.25506.2.150.1.2.1.2)	read-create	Current	Only support ipv4(1)
hh3cVxlanGroupAddr (1.3.6.1.4.1.25506.2.150.1.2.1.3)	read-create	Current	As per MIB

Companion

Name	Access	PDS	Description
hh3cVxlanSourceAddr (1.3.6.1.4.1.25506.2.150.1.2.1.4)	read-create	Current	As per MIB
hh3cVxlanVsilIndex (1.3.6.1.4.1.25506.2.150.1.2.1.5)	read-create	Current	Can not be modified after creation
hh3cVxlanRemoteMacCount (1.3.6.1.4.1.25506.2.150.1.2.1.6)	read-only	No	As per MIB
hh3cVxlanRowStatus (1.3.6.1.4.1.25506.2.150.1.2.1.7)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6). Active(1) is only used to change the value of hh3cVxlanGroupAddr, hh3cVxlanSourceAddr

117.3 hh3cVxlanTunnelTable

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.3

Name	Access	PDS	Description
hh3cVxlanTunnelID (1.3.6.1.4.1.25506.2.150.1.3.1.1)	not-accessible	No	As per MIB
hh3cVxlanTunnelRowStatus (1.3.6.1.4.1.25506.2.150.1.3.1.2)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).
hh3cVxlanTunnelOctets (1.3.6.1.4.1.25506.2.150.1.3.1.3)	read-only	No	Not supported
hh3cVxlanTunnelPackets (1.3.6.1.4.1.25506.2.150.1.3.1.4)	read-only	No	Not supported

117.4 hh3cVxlanTunnelBoundTable

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.4

Name	Access	PDS	Description
hh3cVxlanTunnelBoundVxlanNum (1.3.6.1.4.1.25506.2.150.1.4.1.1)	read-only	Current	As per MIB

117.5 hh3cVxlanMacTable

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.5

Name	Access	PDS	Description
hh3cVxlanMacAddr (1.3.6.1.4.1.25506.2.150.1.5.1.1)	not-accessible	No	As per MIB

Companion

Name	Access	PDS	Description
hh3cVxlanTunnelID (1.3.6.1.4.1.25506.2.150.1.5.1.2)	read-only	Current	As per MIB
hh3cVxlanMacType (1.3.6.1.4.1.25506.2.150.1.5.1.3)	read-only	Current	As per MIB

117.6 hh3cVxlanStaticMacTable

OID of this table is: 1.3.6.1.4.1.25506.2.150.1.6

Name	Access	PDS	Description
hh3cVxlanStaticMacAddr (1.3.6.1.4.1.25506.2.150.1.6.1.1)	not-accessible	No	As per MIB
hh3cVxlanStaticMacTunnelID (1.3.6.1.4.1.25506.2.150.1.6.1.2)	read-create	Current	Can not be modified after creation
hh3cVxlanStaticMacRowStatus (1.3.6.1.4.1.25506.2.150.1.6.1.3)	read-create	Current	Only support active(1), createAndGo(4) and destroy(6).

118 Supported Notifications

118.1 Supported Standard Notifications

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

Trap	MIB	Description
lldpRemTablesChange(1.0.8802.1.1.2.0.0.1)	LLDP-MIB	As per MIB
lldpXMedTopologyChangeDetected(1.0.8802.1.1.2.1.5.4795.0.1)	LLDP-EXT-MED-MIB	As per MIB
mplsL3VpnVrfUp(1.3.6.1.2.1.10.166.11.0.1)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnVrfDown(1.3.6.1.2.1.10.166.11.0.2)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnVrfRouteMid	MPLS-L3VPN-STD-	As per MIB

Companion

Trap	MIB	Description
ThreshExceeded (1.3.6.1.2.1.10.166.11.0.3)	MIB	
mplsL3VpnVrfNumVrfRouteMaxThreshExceeded (1.3.6.1.2.1.10.166.11.0.4)	MPLS-L3VPN-STD-MIB	As per MIB
mplsL3VpnNumVrfSecIlgLblThrshExcd (1.3.6.1.2.1.10.166.11.0.5)	MPLS-L3VPN-STD-MIB	Not supported
mplsL3VpnNumVrfRouteMaxThreshCleared (1.3.6.1.2.1.10.166.11.0.6)	MPLS-L3VPN-STD-MIB	As per MIB
ospfVirtIfStateChange(1.3.6.1.2.1.14.16.2.1)	OSPF-TRAP-MIB	As per MIB
ospfNbrStateChange(1.3.6.1.2.1.14.16.2.2)	OSPF-TRAP-MIB	As per MIB
ospfVirtNbrStateChange (1.3.6.1.2.1.14.16.2.3)	OSPF-TRAP-MIB	As per MIB
ospfIfConfigError(1.3.6.1.2.1.14.16.2.4)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfConfigError(1.3.6.1.2.1.14.16.2.5)	OSPF-TRAP-MIB	As per MIB
ospfIfAuthFailure(1.3.6.1.2.1.14.16.2.6)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfAuthFailure(1.3.6.1.2.1.14.16.2.7)	OSPF-TRAP-MIB	As per MIB
ospfIfRxBadPacket(1.3.6.1.2.1.14.16.2.8)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfRxBadPacket(1.3.6.1.2.1.14.16.2.9)	OSPF-TRAP-MIB	As per MIB
ospfTxRetransmit(1.3.6.1.2.1.14.16.2.10)	OSPF-TRAP-MIB	As per MIB
ospfVirtIfTxRetransmit(1.3.6.1.2.1.14.16.2.11)	OSPF-TRAP-MIB	As per MIB
ospfOriginateLsa(1.3.6.1.2.1.14.16.2.12)	OSPF-TRAP-MIB	As per MIB
ospfMaxAgeLsa(1.3.6.1.2.1.14.16.2.13)	OSPF-TRAP-MIB	As per MIB

Companion

Trap	MIB	Description
2.1.14.16.2.13)		
ospfLsdbOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-TRAP-MIB	As per MIB
ospfLsdbApproachingOverflow(1.3.6.1.2.1.14.16.2.14)	OSPF-TRAP-MIB	As per MIB
ospfIfStateChange(1.3.6.1.2.1.14.16.2.16)	OSPF-TRAP-MIB	As per MIB
ospfNssaTranslatorStatusChange(1.3.6.1.2.1.14.16.2.17)	OSPF-TRAP-MIB	As per MIB
ospfRestartStatusChange(1.3.6.1.2.1.14.16.2.18)	OSPF-TRAP-MIB	As per MIB
ospfNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.19)	OSPF-TRAP-MIB	As per MIB
ospfVirtNbrRestartHelperStatusChange(1.3.6.1.2.1.14.16.2.20)	OSPF-TRAP-MIB	As per MIB
bgpEstablished(1.3.6.1.2.1.15.7.1)	BGP4-MIB	As per MIB
bgpBackwardTransition(1.3.6.1.2.1.15.7.2)	BGP4-MIB	As per MIB
bgpEstablishedNotification(1.3.6.1.2.1.15.0.1)	BGP4-MIB	As per MIB
bgpBackwardTransNotification(1.3.6.1.2.1.15.0.2)	BGP4-MIB	As per MIB
risingAlarm(1.3.6.1.2.1.16.0.1)	RMON-MIB	As per MIB
fallingAlarm(1.3.6.1.2.1.16.0.2)	RMON-MIB	As per MIB
entConfigChange(1.3.6.1.2.1.47.2.0.1)	ENTITY-MIB	Not supported
ipv6IfStateChange(1.3.6.1.2.1.55.2.0.1)	IPV6-MIB	As per MIB
vrrpTrapNewMaster(1.3.6.1.2.1.68.0.1)	VRRP-MIB	As per MIB
vrrpTrapAuthFailure	VRRP-MIB	As per MIB

Companion

Trap	MIB	Description
(1.3.6.1.2.1.68.0.2)		
isisDatabaseOverload (1.3.6.1.2.1.138.0.1)	ISIS-MIB	As per MIB
isisManualAddressDrops (1.3.6.1.2.1.138.0.2)	ISIS-MIB	As per MIB
isisCorruptedLSPDetected(1.3.6.1.2.1.138.0.3)	ISIS-MIB	As per MIB
isisAttemptToExceedMaxSequence(1.3.6.1.2.1.138.0.4)	ISIS-MIB	As per MIB
isisDLenMismatch (1.3.6.1.2.1.138.0.5)	ISIS-MIB	As per MIB
isisMaxAreaAddressesMismatch (1.3.6.1.2.1.138.0.6)	ISIS-MIB	As per MIB
isisOwnLSPPurge (1.3.6.1.2.1.138.0.7)	ISIS-MIB	As per MIB
isisSequenceNumberSkip (1.3.6.1.2.1.138.0.8)	ISIS-MIB	As per MIB
isisAuthenticationTypeFailure (1.3.6.1.2.1.138.0.9)	ISIS-MIB	As per MIB
isisAuthenticationFailure (1.3.6.1.2.1.138.0.10)	ISIS-MIB	As per MIB
isisVersionSkew (1.3.6.1.2.1.138.0.11)	ISIS-MIB	As per MIB
isisAreaMismatch (1.3.6.1.2.1.138.0.12)	ISIS-MIB	As per MIB
isisRejectedAdjacency (1.3.6.1.2.1.138.0.13)	ISIS-MIB	As per MIB
isisLSPTooLargeToPropagate(1.3.6.1.2.1.138.0.14)	ISIS-MIB	As per MIB
isisOrigLSPBuffSizeMismatch(1.3.6.1.2.1.138.0.15)	ISIS-MIB	As per MIB
isisProtocolsSupportedMismatch(1.3.6.1.2.1.13	ISIS-MIB	As per MIB

Companion

Trap	MIB	Description
8.0.16)		
isisAdjacencyChange (1.3.6.1.2.1.138.0.17)	ISIS-MIB	As per MIB
isisLSPErrordetected (1.3.6.1.2.1.138.0.18)	ISIS-MIB	As per MIB
dot3OamThresholdEvent (1.3.6.1.2.1.158.0.1)	DOT3-OAM-MIB	As per MIB
dot3OamNonThreshold Event (1.3.6.1.2.1.158.0.2)	DOT3-OAM-MIB	As per MIB
coldStart (1.3.6.1.6.3.1.1.5.1)	SNMPv2-MIB	As per MIB
warmStart (1.3.6.1.6.3.1.1.5.2)	SNMPv2-MIB	As per MIB
linkDown (1.3.6.1.6.3.1.1.5.3)	IF-MIB	As per MIB
linkUp (1.3.6.1.6.3.1.1.5.4)	IF-MIB	As per MIB
authenticationFailure (1.3.6.1.6.3.1.1.5.5)	SNMPv2-MIB	As per MIB
lldpV2RemTablesChange (1.3.111.2.802.1.1.13.0.0.1)	LLDP-V2-MIB	As per MIB

118.2 Supported Private Notifications

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

Trap	MIB	Description
hh3cLogIn (1.3.6.1.4.1.25506.2.2.1.1.3.0.1)	HH3C-UI-MAN-MIB	As per MIB
hh3cLogOut (1.3.6.1.4.1.25506.2.2.1.1.3.0.2)	HH3C-UI-MAN-MIB	As per MIB
hh3cCfgManEventlog (1.3.6.1.4.1.25506.2.4.2.1	HH3C-CONFIG-MAN-MIB	As per MIB

Companion

)		
hh3cCfgOperateCompletion (1.3.6.1.4.1.25506.2.4.2.2)	HH3C-CONFIG-MAN-MIB	As per MIB
hh3cCfgInvalidConfigFile (1.3.6.1.4.1.25506.2.4.2.3)	HH3C-CONFIG-MAN-MIB	As per MIB
hh3cFihOperNotification (1.3.6.1.4.1.25506.2.5.1.3.1)	HH3C-FLASH-MAN-MIB	As per MIB
hh3cEntityExtTemperatureThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.1)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtVoltageLowThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.2)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtVoltageHighThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.3)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtCpuUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.4)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtMemUsageThresholdNotification (1.3.6.1.4.1.25506.2.6.2.0.5)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtOperEnabled (1.3.6.1.4.1.25506.2.6.2.0.6)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtOperDisabled (1.3.6.1.4.1.25506.2.6.2.0.7)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtCriticalTemperatureThresholdNotification	HH3C-ENTITY-EXT-MIB	As per MIB

Companion

(1.3.6.1.4.1.25506.2.6.2.0.8)		
hh3cEntityExtSFPAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.9)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtSFPAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.10)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtSFPPphony (1.3.6.1.4.1.25506.2.6.2.0.11)	HH3C-ENTITY-EXT-MIB	This module is NOT sold by H3C. H3C therefore shall NOT guarantee the normal function of the device or assume the maintenance responsibility thereof. The trap is generated periodically after a phony module has been found.
hh3cEntityInsert (1.3.6.1.4.1.25506.2.6.2.0.12)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityRemove (1.3.6.1.4.1.25506.2.6.2.0.13)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtForcedPowerOff (1.3.6.1.4.1.25506.2.6.2.0.14)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtForcedPowerOn (1.3.6.1.4.1.25506.2.6.2.0.15)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtFaultAlarmOn (1.3.6.1.4.1.25506.2.6.2.0.16)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtFaultAlarmOff (1.3.6.1.4.1.25506.2.6.2.0.17)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtResourceLack(1.3.6.1.4.1.25506.2.6	HH3C-ENTITY-EXT-MIB	As per MIB

Companion

.2.0.18)		
hh3cEntityExtResourceEnough(1.3.6.1.4.1.25506.2.6.2.0.19)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtTemperatureLower(1.3.6.1.4.1.25506.2.6.2.0.20)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtTemperatureTooUp(1.3.6.1.4.1.25506.2.6.2.0.21)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExtTemperatureNormal(1.3.6.1.4.1.25506.2.6.2.0.22)	HH3C-ENTITY-EXT-MIB	As per MIB
hh3cEntityExternalAlarmOccur(1.3.6.1.4.1.25506.2.6.2.0.23)	HH3C-ENTITY-EXT-MIB	The notification is generated when the monitored device connected to the specified entity fails.
hh3cEntityExternalAlarmRecover(1.3.6.1.4.1.25506.2.6.2.0.24)	HH3C-ENTITY-EXT-MIB	The notification is generated when the failed device connected to the specified entity retruns to normal.
hh3cEntityExtCpuUsageThresholdRecover(1.3.6.1.4.1.25506.2.6.2.0.25)	HH3C-ENTITY-EXT-MIB	The trap indicates the CPU usage descends the threshold.
hh3cEntityExtMemUsageThresholdRecover(1.3.6.1.4.1.25506.2.6.2.0.26)	HH3C-ENTITY-EXT-MIB	The trap indicates the memory usage descends the threshold.
hh3cEntityExtCritLowerTempThresholdNotification(1.3.6.1.4.1.25506.2.6.2.0.29)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cEntityExtTemperatureTooLow(1.3.6.1.4.1.25506.2.6.2.0.30)	HH3C-ENTITY-EXT-MIB	Not supported
hh3cSSHUserAuthFailure(1.3.6.1.4.1.25506.2.22.1.3.0.1)	HH3C-SSH-MIB	As per MIB
hh3cSSHVersionNegotiationFailure	HH3C-SSH-MIB	As per MIB

Companion

(1.3.6.1.4.1.25506.2.22.1.3.0.2)		
hh3cSSHUserLogin (1.3.6.1.4.1.25506.2.22.1.3.0.3)	HH3C-SSH-MIB	As per MIB
hh3cSSHUserLogoff (1.3.6.1.4.1.25506.2.22.1.3.0.4)	HH3C-SSH-MIB	As per MIB
hh3cIKETunnelStart (1.3.6.1.4.1.25506.2.30.1.6.1.1)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKETunnelStop (1.3.6.1.4.1.25506.2.30.1.6.1.2)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKENoSaFailure (1.3.6.1.4.1.25506.2.30.1.6.1.3)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEEncryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.4)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEDecryFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.5)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEInvalidProposalFailure (1.3.6.1.4.1.25506.2.30.1.6.1.6)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEAuthFailFailure (1.3.6.1.4.1.25506.2.30.1.6.1.7)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEInvalidCookieFailure (1.3.6.1.4.1.25506.2.30.1.6.1.8)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEAttrNotSuppFailure (1.3.6.1.4.1.25506.2.30.1.6.1.9)	HH3C-IKE-MONITOR-MIB	Not supported
hh3cIKEUnsportExchTypeFailure (1.3.6.1.4.1.25506.2.30.1.6.1.10)	HH3C-IKE-MONITOR-MIB	As per MIB

Companion

hh3cIKEInvalidIdFailure (1.3.6.1.4.1.25506.2.30.1.6.1.11)	HH3C-IKE-MONITOR-MIB	The object hh3cIKEIdInformation is not supported, will always return empty string.
hh3cIKEInvalidProtocolFailure (1.3.6.1.4.1.25506.2.30.1.6.1.12)	HH3C-IKE-MONITOR-MIB	The object hh3cIKEProtocolNum is not supported, will always return 0.
hh3cIKECertTypeUnsupportedFailure (1.3.6.1.4.1.25506.2.30.1.6.1.13)	HH3C-IKE-MONITOR-MIB	Not supported
hh3cIKEInvalidCertAuthFailure (1.3.6.1.4.1.25506.2.30.1.6.1.14)	HH3C-IKE-MONITOR-MIB	Not supported
hh3cIKEInvalidSignFailure (1.3.6.1.4.1.25506.2.30.1.6.1.15)	HH3C-IKE-MONITOR-MIB	Not supported
hh3cIKECertUnavailableFailure (1.3.6.1.4.1.25506.2.30.1.6.1.16)	HH3C-IKE-MONITOR-MIB	The object hh3cIKECertInformation is not supported, will always return empty string.
hh3cIKEProposalAdd (1.3.6.1.4.1.25506.2.30.1.6.1.17)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cIKEProposalDel (1.3.6.1.4.1.25506.2.30.1.6.1.18)	HH3C-IKE-MONITOR-MIB	As per MIB
hh3cStormRising (1.3.6.1.4.1.25506.2.66.3.1)	HH3C-STORM-CONSTRRAIN-MIB	As per MIB
hh3cStormFalling (1.3.6.1.4.1.25506.2.66.3.2)	HH3C-STORM-CONSTRRAIN-MIB	As per MIB
hh3cIpAddressChangeNotify (1.3.6.1.4.1.25506.2.67.2.2.0.1)	HH3C-IP-ADDRESS-MIB	As per MIB
hh3cMACInformationChangedTrapExt(1.3.6.1.4.1.25506.2.87.1.4.0.1)	HH3C-MAC-INFORMATION-MIB	As per MIB

Companion

hh3cStackPortLinkStatusChange(1.3.6.1.4.1.25506.2.91.6.0.1)	HH3C-STACK-MIB	The trap indicates that the link status of the stack port has changed.
hh3cStackTopologyChange(1.3.6.1.4.1.25506.2.91.6.0.2)	HH3C-STACK-MIB	The trap indicates that the topology type of the stack has changed.
hh3cLpbkdtTrapLoopbacked(1.3.6.1.4.1.25506.2.95.1.0.1)	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	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	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	The notification represents that the loop on the interface(s) is eliminated in the VLAN.
hh3cARPRatelimitOverflowTrap(1.3.6.1.4.1.25506.2.110.1.1.0.1)	HH3C-ARP-RATELIMIT-MIB	If the rate of ARP packets delivered to the CPU on a device exceeds the threshold, a trap message is generated and sent to the remote monitoring device.
hh3cDldp2TrapUniLink(1.3.6.1.4.1.25506.2.117.4.0.1)	HH3C-DLDP2-MIB	As per MIB
hh3cDldp2TrapBidLink(1.3.6.1.4.1.25506.2.117.4.0.2)	HH3C-DLDP2-MIB	As per MIB
hh3cRmonExtRisingAlarm(1.3.6.1.4.1.25506.2.125.0.1)	HH3C-RMON-EXT2-MIB	As per MIB
hh3cRmonExtFallingAlarm(1.3.6.1.4.1.25506.2.125.0.2)	HH3C-RMON-EXT2-MIB	As per MIB
hh3cIPsecTunnelStartV2(1.3.6.1.4.1.25506.2.126.1.9.0.1)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB
hh3cIPsecTunnelStopV2(1.3.6.1.4.1.25506.2.126.1.9.0.2)	HH3C-IPSEC-MONITOR-V2-MIB	As per MIB

Companion

1.9.0.2)		
hh3clPsecNoSaFailureV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.3)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecAuthFailFailure V2 (1.3.6.1.4.1.25506.2.126. 1.9.0.4)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecEncryFailFailure eV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.5)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecDecryFailFailure eV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.6)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecInvalidSaFailure eV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.7)	HH3C-IPSEC-MONI TOR-V2-MIB	Not supported
hh3clPsecPolicyAddV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.8)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecPolicyDelV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.9)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecPolicyAttachV2 (1.3.6.1.4.1.25506.2.126. 1.9.0.10)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3clPsecPolicyDetachV 2 (1.3.6.1.4.1.25506.2.126. 1.9.0.11)	HH3C-IPSEC-MONI TOR-V2-MIB	As per MIB
hh3cSpbSPSourceConfli ctTrap (1.3.6.1.4.1.25506.2.128. 1.3.0.1)	HH3C-SPB-MIB	As per MIB
hh3cSpbBMacConflictTra p(1.3.6.1.4.1.25506.2.128 .1.3.0.2)	HH3C-SPB-MIB	As per MIB
hh3cWriteSuccessTrap (1.3.6.1.4.1.25506.6.8.1)	HH3C-COMMON-SY STEM-MIB	Not supported

Companion

hh3cWriteFailureTrap (1.3.6.1.4.1.25506.6.8.2)	HH3C-COMMON-SY STEM-MIB	Not supported
hh3cRebootSendTrap (1.3.6.1.4.1.25506.6.8.3)	HH3C-COMMON-SY STEM-MIB	As per MIB
hh3cSysColdStartTrap (1.3.6.1.4.1.25506.6.8.4)	HH3C-COMMON-SY STEM-MIB	As per MIB
hh3cSysWarmStartTrap (1.3.6.1.4.1.25506.6.8.5)	HH3C-COMMON-SY STEM-MIB	As per MIB
hh3cAggPortInactiveNotif ication (1.3.6.1.4.1.25506.8.25.2. 2)	HH3C-LAG-MIB	As per MIB
hh3cAggPortInactiveNotif ication2 (1.3.6.1.4.1.25506.8.25.2. 3)	HH3C-LAG-MIB	As per MIB
hh3cAggPortActiveNotific ation (1.3.6.1.4.1.25506.8.25.2. 4)	HH3C-LAG-MIB	As per MIB
hh3cpowerfailure(1.3.6.1. 4.1.25506.8.35.12.1.1)	HH3C-LswTRAP-MI B	As per MIB
hh3cPowerNormal(1.3.6. 1.4.1.25506.8.35.12.1.2)	HH3C-LswTRAP-MI B	As per MIB
hh3cPowerRemoved(1.3. 6.1.4.1.25506.8.35.12.1.5)	HH3C-LswTRAP-MI B	As per MIB
hh3cfanfailure(1.3.6.1.4.1 .25506.8.35.12.1.6)	HH3C-LswTRAP-MI B	As per MIB
hh3cFanNormal(1.3.6.1.4 .1.25506.8.35.12.1.7)	HH3C-LswTRAP-MI B	As per MIB
hh3cBoardRemoved(1.3. 6.1.4.1.25506.8.35.12.1.8)	HH3C-LswTRAP-MI B	As per MIB
hh3cBoardInserted(1.3.6. 1.4.1.25506.8.35.12.1.9)	HH3C-LswTRAP-MI B	As per MIB
hh3cBoardFailure(1.3.6.1 .4.1.25506.8.35.12.1.10)	HH3C-LswTRAP-MI B	As per MIB
hh3cBoardNormal(1.3.6.1 .4.1.25506.8.35.12.1.11)	HH3C-LswTRAP-MI B	As per MIB
hh3cSubcardRemove(1.3 .6.1.4.1.25506.8.35.12.1.	HH3C-LswTRAP-MI B	Not supported

Companion

2)		
hh3cSubcardInsert(1.3.6.1.4.1.25506.8.35.12.1.13)	HH3C-LswTRAP-MIB	Not supported
hh3cBoardTemperatureLower(1.3.6.1.4.1.25506.8.35.12.1.14)	HH3C-LswTRAP-MIB	Not supported
hh3cBoardTemperatureFromLowerToNormal(1.3.6.1.4.1.25506.8.35.12.1.15)	HH3C-LswTRAP-MIB	Not supported
hh3cBoardTemperatureHigher(1.3.6.1.4.1.25506.8.35.12.1.16)	HH3C-LswTRAP-MIB	Not supported
hh3cBoardTemperatureFormHigherToNormal(1.3.6.1.4.1.25506.8.35.12.1.17)	HH3C-LswTRAP-MIB	Not supported
hh3cRequestLoading(1.3.6.1.4.1.25506.8.35.12.1.18)	HH3C-LswTRAP-MIB	As per MIB
hh3cLoadFailure(1.3.6.1.4.1.25506.8.35.12.1.19)	HH3C-LswTRAP-MIB	As per MIB
hh3cLoadFinished(1.3.6.1.4.1.25506.8.35.12.1.20)	HH3C-LswTRAP-MIB	As per MIB
hh3cPowerInserted(1.3.6.1.4.1.25506.8.35.12.1.23)	HH3C-LswTRAP-MIB	As per MIB
hh3cBootImageUpdated(1.3.6.1.4.1.25506.8.35.12.1.24)	HH3C-LswTRAP-MIB	As per MIB
hh3cPortMstiStateForwarding(1.3.6.1.4.1.25506.8.35.14.0.1)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiStateDiscarding(1.3.6.1.4.1.25506.8.35.14.0.2)	HH3C-LswMSTP-MIB	As per MIB
hh3cBridgeLostRootPrimary(1.3.6.1.4.1.25506.8.35.14.0.3)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiRootGuarded(1.3.6.1.4.1.25506.8.35.14.0.4)	HH3C-LswMSTP-MIB	As per MIB
hh3cPortMstiBpduGuard	HH3C-LswMSTP-MIB	As per MIB

Companion

ed(1.3.6.1.4.1.25506.8.35.14.0.5)	B	
hh3cPortMstiLoopGuarded(1.3.6.1.4.1.25506.8.35.14.0.6)	HH3C-LswMSTP-MIB B	As per MIB
hh3cSlaveSwitchOver(1.3.6.1.4.1.25506.8.35.17.10.1)	HH3C-LswMix-MIB	As per MIB