

iBMC

SNMP API Description

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About This Document

Purpose

This document describes Simple Network Management Protocol (SNMP) Management Information Base (MIB) Application Programming Interfaces (APIs).

Intended Audience

This document is intended for:

- Technical support engineers
- Maintenance engineers

Change History

Date	Version	Specifications
2011-11-08	1.00	Completed the MIB file feature description.
2012-02-22	1.01	Updated the document based on comments from testing personnel.
2012-04-18	1.02	Revised the document based on trouble tickets.
2012-09-11	1.03	Revised the document based on trouble tickets.
2013-03-08	1.04	Changed the value ranges of some nodes based on the <i>Huawei SNMP MIB Definition Technical Specifications V2.0</i> .
2013-12-18	1.50	Updated the document based on comments from testing personnel.
2013-12-18	1.51	Revised the DDNS-related nodes.
2014-02-19	1.52	Revised the network mode node.
2014-04-30	1.53	Revised the systemPowerState node.
2014-05-30	1.54	Added the certificate node; and revised the power control node.

Date	Version	Specifications
2014-07-09	1.55	Added the stateless computing related nodes, certificate node, and snmpV3Algorithm node.
2014-07-25	1.56	Added the ethInfo node.
2014-07-29	1.57	Added the device remote management ID node.
2014-08-23	1.58	Revised the DDNS-related nodes.
2014-08-28	1.59	Revised the power-off description.
2014-10-08	1.60	Add the value 6 (Forcibly enter BIOS setup) for the systemBootsequence node.
2014-10-10	1.61	Revised the description of obsolete nodes.
2014-10-23	1.62	Added trap nodes.
2014-10-23	1.63	Corrected description errors.
2014-10-25	1.64	Added and revised trap OIDs in chapter 6.
2014-11-3	1.65	Added the specifications of the firmwareUpgrade module.
2014-11-4	1.66	Added the pCleDevicePresence , pCleDeviceStatus , and pCleAvailability nodes.
2014-11-6	1.67	Added trap OIDs.
2014-11-7	1.68	Revised trap specifications.
2014-11-12	1.69	Added and revised trap OIDs.
2014-11-14	1.70	Revised the description of hwFirmwareChange and hwHardwareChange .
2014-12-04	1.71	Added the remoteOEMinfo node.
2014-12-18	1.72	Added the pCleDeviceDevicename node.
2014-12-30	1.73	Revised the description and value of the safepowerofftime node.
2015-1-12	1.74	Added the following nodes related to active/standby PSUs: <ul style="list-style-type: none">• settledPowerSupplyEntireMode• actualPowerSupplyEntireMode• settledActivePowerSupply• powerSupplyWorkMode
2015-02-11	1.75	Added the deviceOwnerID and deviceSlotID nodes.
2015-02-28	1.76	Added the powerOnPermit , autoDiscoveryEnable and powerOnControl nodes.
2015-03-12	1.77	Revised the description of the iiostname node.

Date	Version	Specifications
2015-03-19	1.78	Nodes under the ethIPv4Enable module are added.
2015-03-20	1.79	Revised the description of the userGroupID node, CustomRole is supported.
2015-04-8	1.80	Revised the descriptions of following nodes: <ul style="list-style-type: none"> • systemBootsequence • bmcReboot • smtpTLSEnable • powerSupplyInputMode • powerSupplyPresence • fanPresence • firmwareType • fruNumber • ethHostPort • hardDiskPresence • pCleDeviceEntireStatus
2015-04-09	1.81	Revised the descriptions of following nodes: <ul style="list-style-type: none"> • smtpLoginAccount • smtpReceiverAddress • smtpReceiverDescription
2015-04-09	1.82	The temperatureProperty module is added.
2015-04-17	1.83	Revised the description of the groupPrivilege node, CustomRole is supported.
2015-04-17	1.84	Add Common Nodes
2015-05-11	1.85	Revised the descriptions of following nodes: <ul style="list-style-type: none"> • smtpLoginPassword • smtpSendFrom
2015-09-02	1.86	Revised the descriptions of following nodes: <ul style="list-style-type: none"> • hwCPUProchot • hwOverVoltageCritical • hwOverVoltageCriticalDeassert
2015-11-30	1.87	Revised the LDAP nodes.
2015-12-01	1.88	Added the securityModuleProperty node.
2015-12-01	1.89	<ol style="list-style-type: none"> 1. Add following nodes of hddDiskProperty, <ul style="list-style-type: none"> • hardDiskSerialNumber • hardDiskModelNumber • hardDiskManufacturer 2. Add PS Redundancy in Trap Specifications

Date	Version	Specifications
2015-12-02	1.90	Added the firmwareBoard node.
2015-12-03	1.91	Add SELStatus and BMCBootUp in Trap Specifications
2015-12-13	1.92	Revised the description and value of the deviceSlotID node.
2016-03-22	1.93	Add Log in Trap Specifications
2016-05-09	1.94	Revised the LDAP nodes.
2016-06-14	1.95	<ul style="list-style-type: none"> • Add nodes of raidControllerProperty and logicalDriveProperty; • Add leaf nodes in hardDiskDescriptionEntry
2016-09-02	1.96	Add nodes of cpuDescriptionEntry and memoryDescriptionEntry ;
2016-11-10	1.97	Add node productUniqueID
2016-11-15	1.98	<ul style="list-style-type: none"> • Add node systemCpuUsage; • Add leaf nodes sensorUnit & sensorEventReadingType in sensorProperty
2016-11-26	1.99	Add networkTimeProtocol.
2016-12-16	2.00	<ul style="list-style-type: none"> • Add sub-nodes of hardDiskProperty, raidControllerProperty, logicalDriveProperty. And some of nodes in table are read-write. • Add diskArrayProperty.
2017-1-7	2.01	Add node twoFactorAuthentication
2017-1-8	2.02	Add node remoteControl and leaf node localKVMState
2017-3-15	2.03	Add node hwLowPower
2017-3-20	2.04	<p>the CPU temperature is not readable and the value is 65535</p> <p>Temperature changed from 0 to 65535</p>
2017-4-28	2.05	Add three groups of LDAP domain information nodes. ldapDomainServer4/ ldapUserDomain4/ldapPort4 ldapDomainServer5/ ldapUserDomain5/ldapPort5 ldapDomainServer6/ ldapUserDomain6/ldapPort6
2017-5-2	2.06	<ol style="list-style-type: none"> 1. Add userSNMPPassword in userDescriptionTable 2. Revised the systemTimeZone nodes.

Date	Version	Specifications
2017-5-2	2.07	<ul style="list-style-type: none"> Revised the description of systemCpuUsage; Added node systemMemUsage; Added node systemCpuUsageThre; Added node systemMemUsageThre; Added node systemDiskPartitionUsageThre; Added table systemDiskPartitionTable, including diskPartitionName, totalCapacityGib, and diskPartitionUsage.
2017-5-3	2.08	<p>Add in the componenttype nodes of the componentDescriptionTable</p> <p>Add riserCard(16)</p> <p>Add m2TransferCard(46)</p> <p>Add lomCard(13)</p> <p>Add pcieCard(9)</p>
2017-5-21	2.09	Add trapPreciseAlarmMode for trap mode.
2017-5-31	2.10	Revised tables of node 5.33.6
2017-6-29	2.11	Add child node eventCode and eventOID for systemHealthEventDescriptionEntry.
2017-7-7	2.12	Chapter 6: Add the variable-bound description table. Add ‘0x’ before the Event Code
2017-7-8	2.13	Revised the hwPowerButton node(6.9). Add child node hwPCIeHotSwapButtonPressed for hwButton.
2017-7-10	2.14	Add hwButtonEvent node(6.59). Add child node hwButtonPowerButtonPressed, hwButtonUIDButtonpressed , hwButtonPCIeHotSwapButtonPressed for hwButtonEvent.
2017-7-14	2.15	Add the value description of firmwareUpgradeState (5.28).
2017-8-10	2.16	Add child node fanSpeedRatio for fanDescriptionTable(5.8).

Date	Version	Specifications
2017-8-11	2.17	Revised OID of node 6.57.65 Revised OID of node 6.57.66 Revised Node name of node 6.57.67 Revised OID of node 6.57.67 Revised Node name of node 6.57.68 Revised OID of node 6.57.68 Revised OID of node 6.57.69 Revised OID of node 6.57.70
2017-8-11	2.18	Add the following nodes, hwCPUMarginFailure hwCPUMarginFailureDeassert hwMemoryOverTempMinor hwMemoryOverTempMinorDeassert hwMemoryOverTempMajor hwMemoryOverTempMajorDeassert hwMemoryAccessTempFailure hwMemoryAccessTempFailureDeassert hwRAIDCardOverTempMajor hwRAIDCardOverTempMajorDeassert hwPCIeCardInstalled hwPCIeCardRemoved hwMainboardSYSLowerVoltage hwMainboardSYSLowerVoltageDeassert hwMainboardSYSOverVoltage hwMainboardSYSOverVoltageDeassert hwChassisAccessOutletTempFailure hwChassisAccessOutletTempFailureDeassert hwNCBoardConfigCDRFailure hwNCBoardConfigCDRFailureDeassert hwSwitchModuleEvent hwBasePlaneLSWLowerVoltMajor hwBasePlaneLSWLowerVoltMajorDeassert hwBasePlaneLSWOverVoltMajor hwBasePlaneLSWOverVoltMajorDeassert

Date	Version	Specifications
		hwBasePlaneLSWAccessVoltFailure hwBasePlaneLSWAccessVoltFailureDeassert hwBasePlaneCPULowerVoltMajor hwBasePlaneCPULowerVoltMajorDeassert hwBasePlaneCPUOverVoltMajor hwBasePlaneCPUOverVoltMajorDeassert hwBasePlaneCPUAccessVoltFailure hwBasePlaneCPUAccessVoltFailureDeassert hwPICCardClockSignalLost hwPICCardClockSignalLostDeassert hwPCIeSwitchFileFail hwPCIeSwitchFileFailDeassert hwPCIeSwitchUpdateFail hwPCIeSwitchUpdateFailDeassert hwPCIeSwitchUncorrectableError hwPCIeSwitchUncorrectableErrorDeassert hwTPMEvent hwFabricPlaneSWLowerVoltMajor hwFabricPlaneSWLowerVoltMajorDeassert hwFabricPlaneSWOverVoltMajor hwFabricPlaneSWOverVoltMajorDeassert hwFabricPlaneSWAccessVoltFailure hwFabricPlaneSWAccessVoltFailureDeassert hwFabricPlaneSWOverTempMinor hwFabricPlaneSWOverTempMinorDeassert hwFabricPlaneSWOverTempMajor hwFabricPlaneSWOverTempMajorDeassert hwFabricPlaneSWFault hwFabricPlaneSWFaultDeassert hwFabricPlaneSWEPPROMFault hwFabricPlaneSWEPPROMFaultDeassert hwFabricPlaneSWClock hwFabricPlaneSWClockDeassert

Date	Version	Specifications
		hwIOBoardStdby3V3OverVoltage hwIOBoardStdby3V3OverVoltageDeassert hwIOBoardStdby3V3LowerVoltage hwIOBoardStdby3V3LowerVoltageDeassert hwIOBoardAccessStdby3V3Failure hwIOBoardAccessStdby3V3FailureDeassert hwIOBoardClockPower hwIOBoardClockPowerDeassert hwIOBoardClock hwIOBoardClockDeassert hwIOBoardPower hwIOBoardPowerDeassert hwIOBoardVCC3V3OverVoltage hwIOBoardVCC3V3OverVoltageDeassert hwIOBoardVCC3V3LowerVoltage hwIOBoardVCC3V3LowerVoltageDeassert hwIOBoardAccessVCC3V3Failure hwIOBoardAccessVCC3V3FailureDeassert
2017-9-20	2.19	Update from OIDs definition.
2017-10-12	2.20	Added trap OIDs.

Date	Version	Specifications
2017-10-26	2.21	Add trap OIDs hwSystemNetworkBandwidthUsageHigh hwSystemNetworkBandwidthUsageHighDeassert hwPortOpticalModuleVoltageAlarm hwPortOpticalModuleVoltageAlarmDeassert hwPortOpticalModulePowerAlarm hwPortOpticalModulePowerAlarmDeassert hwPortOpticalModuleSpeedMismatch hwPortOpticalModuleSpeedMismatchDeassert Delete trap OIDs hwPortNetworkBandwidthUsageHigh hwPortNetworkBandwidthUsageHighDeassert
2017-10-31	2.22	Add trap OID hwMezzCardEvent
		Add trap OIDs hwPCIeRiserOverTemp hwPCIeRiserOverTempDeassert hwFanBoardEvent hwFanBoardOverTemp hwFanBoardOverTempDeassert hwFanBoardPowerFailure hwFanBoardPowerFailureDeassert hwPWRBoardEvent hwPWRBoardOverTemp hwPWRBoardOverTempDeassert

Date	Version	Specifications
		Add trap OIDs hwPCIEClockLockLost hwPCIEClockLockLostDeassert hwPCIEDDRCalibrationFailure hwPCIEDDRCalibrationFailureDeassert hwPCIEDDRWorkAbnormal hwPCIEDDRWorkAbnormalDeassert hwPCIELinkAbnormal hwPCIELinkAbnormalDeassert hwPCIEBusinessAbnormal hwPCIEBusinessAbnormalDeassert
2017-12-14	2.25	Add component type in the componentDescriptionTable passThroughCard(68)
2017-12-14	2.26	1. Add component type in the componentDescriptionTable logicalDrive (69) 2. Add trap OIDs hwLogicalDriveEvent hwLogicalDriveFault hwLogicalDriveFaultDeassert
2017-12-27	2.27	Add trap OIDs hwIOBoardInletLOverTempMajor hwIOBoardInletLOverTempMajorDeassert hwCableSLIMIncorrectConnection hwCableSLIMIncorrectConnectionDeassert hwMainboardAccessI2CdeviceFailure hwMainboardAccessI2CdeviceFailureDeassert hwPCIeRetimerEvent hwPCIeRetimerUpdateFail

Date	Version	Specifications
2017-12-27	2.28	Add trap OIDs hwPCIESelfTestFail hwPCIESelfTestFailDeassert hwPCIEUnRecovError hwPCIEUnRecovErrorDeassert
2017-12-27	2.29	Add trap OIDs hwMainboardSoftStartPGErr hwMainboardSoftStartPGErrDeassert hwDiskBackplanePowerFailure hwDiskBackplanePowerFailureDeassert Change hwFanBoardPowerFailure hwFanBoardPowerFailureDeassert severity from Major to Critical
2017-12-28	2.30	Add trap OIDs hwSysRestartBMCCtrl hwSystemRestartByBMC
2017-12-29	2.31	Add trap OIDs hwPCIeCardOMOverTemp hwPCIeCardOMOverTempDeassert
2017-12-29	2.32	Add temperatureEntireStatus in 5.24.1
2018-01-02	2.33	Add trap OIDs hwFirmwareIncompatibility hwFirmwareIncompatibilityDeassert hwHMMEvent hwHMMVersionLow hwHMMVersionLowDeassert

Date	Version	Specifications
2018-01-03	2.40	Add trap OIDs hwCPUCEHardFailure hwCPUCEHardFailureDeassert hwPCIeCardCEHardFailure hwPCIeCardCEHardFailureDeassert hwCableQPILinkCEHardFailure hwCableQPILinkCEHardFailureDeassert hwDiskCEHardFailure hwDiskCEHardFailureDeassert hwRAIDCardCEHardFailure hwRAIDCardCEHardFailureDeassert hwMezzCardCEHardFailure hwMezzCardCEHardFailureDeassert hwNetworkCardCEHardFailure hwNetworkCardCEHardFailureDeassert hwMainboardLOMCEHardFailure hwMainboardLOMCEHardFailureDeassert hwPCHCEHardFailure hwPCHCEHardFailureDeassert
2018-01-08	2.41	1. Add trap OIDs hwDiskRemMediaWearoutLow hwDiskRemMediaWearoutLowDeassert 2. Add sub- node of hardDiskProperty hardDiskPowerOnHours
2018-01-15	2.42	Add trap OIDs hwPCIeRiserPowerFailure hwPCIeRiserPowerFailureDeassert
2018-01-18	2.43	Add trap OIDs hwSASPHYErrIncreasedTooFast

Date	Version	Specifications
2018-01-26	2.44	Delete trap OIDs hwMezzCard0V9OverVoltage hwMezzCard0V9OverVoltageDeassert hwMezzCard0V9LowerVoltage hwMezzCard0V9LowerVoltageDeassert hwMezzCard1VoverVoltage hwMezzCard1VoverVoltageDeassert hwMezzCard1VlowerVoltage hwMezzCard1VlowerVoltageDeassert hwMezzCard1V8OverVoltage hwMezzCard1V8OverVoltageDeassert hwMezzCard1V8LowerVoltage hwMezzCard1V8LowerVoltageDeassert hwMezzCard2V5OverVoltage hwMezzCard2V5OverVoltageDeassert hwMezzCard2V5LowerVoltage hwMezzCard2V5LowerVoltageDeassert hwMezzCard3V3OverVoltage hwMezzCard3V3OverVoltageDeassert hwMezzCard3V3LowerVoltage hwMezzCard3V3LowerVoltageDeassert Add trap OIDs hwMezzCardOverVoltage hwMezzCardOverVoltageDeassert hwMezzCardLowerVoltage hwMezzCardLowerVoltageDeassert

Date	Version	Specifications
2018-02-06	2.45	Add trap OIDs hwCPUBoardStartUpOverTemp hwCPUBoardStartUpOverTempDeassert hwIOBoardStartUpOverTemp hwIOBoardStartUpOverTempDeassert
2018-02-07	2.46	Add trap OIDs hwCablePowerIncorrectConnection hwCablePowerIncorrectConnectionDeassert
2018-02-26	2.47	Add trap OIDs hwCableSLIMNotPresent hwCableSLIMNotPresentDeassert
2018-03-12	2.48	Add child node raidControllerSupportedRAIDLevels of raidControllerPropertyDescriptionEntry.
2018-03-14	2.49	1. Add trapBobEnbale in trapInfoDescriptionTable 2. Add trap OIDs hwControllerUnavailableFail hwControllerUnavailableFailDeassert hwBMAForwardFailed hwBMAForwardFailedDeassert

Date	Version	Specifications
2018-03-21	2.50	<p>1. Add component type enumerations in the componentType of componentProperty</p> <p>gpuBoard(64)</p> <p>fanBoard(24)</p> <p>2. Add firmware type enumerations in the firmwareType of firmwareProperty</p> <p>backupUboot(7)</p> <p>ioboardCpld(8)</p> <p>cpuboardCpld(9)</p> <p>hddBackPlaneCpld(10)</p> <p>pcieRiserCardCpld(11)</p> <p>raidCardCpld(12)</p> <p>peripheralFirmware(13)</p> <p>gpuBoardCpld(14)</p> <p>3. Modify the description of following trap OIDs</p> <p>hwPCIeCardPlugIn</p> <p>hwPCIeCardPlugOut</p> <p>hwGPUCarrierBoardMOSOverTemp</p> <p>hwGPUCarrierBoardMOSOverTempDeassert</p> <p>hwGPUCarrierBoardSoftStartPGAbnormal</p> <p>hwGPUCarrierBoardSoftStartPGAbnormalDeassert</p> <p>4. Modify the name of following trap OIDs</p> <p>modify hwPCIeCardGetInfoFailure to hwPCIeCardEnumerationFailure</p> <p>modify hwPCIeCardGetInfoFailureDeassert to hwPCIeCardEnumerationFailureDeassert</p> <p>5. Add trap OIDs</p> <p>hwPCIeCardPlugInDeassert</p> <p>hwPCIeCardPlugOutDeassert</p> <p>hwPCIeCardInspectionFailure</p> <p>hwPCIeCardInspectionFailureDeassert</p> <p>hwPCIeCardAccessDIMMMTempFailure</p> <p>hwPCIeCardAccessDIMMMTempFailureDeassert</p>

Date	Version	Specifications
		hwBMCNandFlashRemainingLifeMntr hwBMCNandFlashReservedBlockMntr
2018-03-28	2.51	Add trap OIDs hwSystemCPUMismatchChassis hwSystemCPUMismatchChassisDeassert Delete trap OIDs hwPassThroughCardConfigureError hwPassThroughCardConfigureErrorDeassert
2018-04-04	2.52	Add trap OIDs hwPCIeCardMemoryFaultCount hwPCIeCardMemoryFaultCountDeassert
2018-04-25	2.60	1. Add businessPortProperty nodes. 2. Add child node netCardRootBDF of netCardProperty
2018-05-04	2.61	Add trap OID hwChassisDeviceTempOverShortTermSpecification

Date	Version	Specifications
2018-05-24	2.62	Add trap OID hwDiskAccessVPDInfoFailure hwDiskAccessVPDInfoFailureDeassert hwPCIeCardBandWidthDecreased hwPCIeCardBandWidthDecreasedDeassert hwPCIeCardComponentAbsentNormal hwPCIeCardComponentAbsentMinor hwPCIeCardComponentAbsentMinorDeassert hwGPUCarrierBoardClockFrequencyoffsetMajor hwGPUCarrierBoardClockFrequencyoffsetMajorDeassert hwGPUCarrierBoardGPUThermalOver hwGPUCarrierBoardGPUThermalOverDeassert hwGPUCarrierBoardOverTempMajor hwGPUCarrierBoardOverTempMajorDeassert hwDiskBackplaneClockSignalLost wDiskBackplaneClockSignalLostDeassert hwChassisM2ZoneOverTempMinor hwChassisM2ZoneOverTempMinorDeassert hwChassisM2ZoneTempFailure hwChassisM2ZoneTempFailureDeassert
2018-05-29	2.63	1.Modify the Severity of following trap OIDs hwGPUCarrierBoardClockFrequencyoffsetMajor hwGPUCarrierBoardClockFrequencyoffsetMajorDeassert 2.Modify the name of following trap OIDs Modify hwGPUCarrierBoardClockFrequencyoffsetMajor to hwGPUCarrierBoardClockFrequencyoffset Modify hwGPUCarrierBoardClockFrequencyoffsetMajorDeassert to hwGPUCarrierBoardClockFrequencyoffsetDeassert

Date	Version	Specifications
2018-05-29	2.64	Delete trap OIDs hwGPUCarrierBoardClockFrequencyoffset hwGPUCarrierBoardClockFrequencyoffsetDeassert
2018-05-30	2.65	Modify the Description of following trap OIDs hwChassisM2ZoneTempFailure hwChassisM2ZoneTempFailureDeassert
2018-06-25	2.66	Add node pCleDeviceMaxNum in pCleDeviceProperty
2018-06-30	2.67	Add trap OID hwPCIeCardAccessHardInfoFailure hwPCIeCardAccessHardInfoFailureDeassert hwPCIeCardAccessPowerFailure hwPCIeCardAccessPowerFailureDeassert hwPCIeCardHighVoltage hwPCIeCardHighVoltageDeassert hwPCIeCardLowVoltage hwPCIeCardLowVoltageDeassert hwPCIeCardOverCurrentProtection hwPCIeCardOverCurrentProtectionDeassert hwPCIeCardOverTempProtection hwPCIeCardOverTempProtectionDeassert hwMezzCardNotInstalled
2018-07-06	2.68	1. Add trap OID hwSystemAbnormalByHardwareError hwSystemAbnormalByHardwareErrorDeassert 2. Delete trap OID hwPCIeCardAccessPowerFailure hwPCIeCardAccessPowerFailureDeassert

Date	Version	Specifications
2018-08-06	2.69	<p>1. Add component type enumerations in the componentType of componentProperty</p> <p>smmBoard(18)</p> <p>chassisBackplane(23)</p> <p>2. Modify component type enumerations in the componentType of componentProperty</p> <p>gpuBoard(64) change to gpuBoard(65)</p>
2018-08-27	2.70	<p>1. Add trap OID</p> <p>hwBMCLicenseOverDue</p> <p>hwBMCLicenseRevoke</p> <p>hwBMCLicenseFileError</p> <p>hwBMCLicenseFileErrorDeassert</p> <p>hwPSUDetectFail</p> <p>hwMemoryReplaced</p> <p>hwCPUReplaced</p> <p>hwDiskReplaced</p> <p>2. Add Transfer File ID(33,35,36,37,38,39,40,41,42,43)</p>

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1 Overview

1.1 MIB Feature Summary

1.1.1 Basic Rules

The iBMC supports SNMP V1, V2C, and V3. The MIB implements SNMP features, including managing the following over SNMP:

System status and information, event logs, assets, field replaceable unit (FRU) information, local users, domain name system (DNS), Lightweight Directory Access Protocol (LDAP) information, Simple Mail Transfer Protocol (SMTP) information, network information, power statistics, power capping, and power control

1.1.2 Key Parameter Description

Each node has a unique object identifier (OID). All leaf nodes under the **hwIBMC** node are functional nodes for server management.

1.2 MIB Definition Consistency (MIB Change History)

This issue is the first office release.

1.3 References

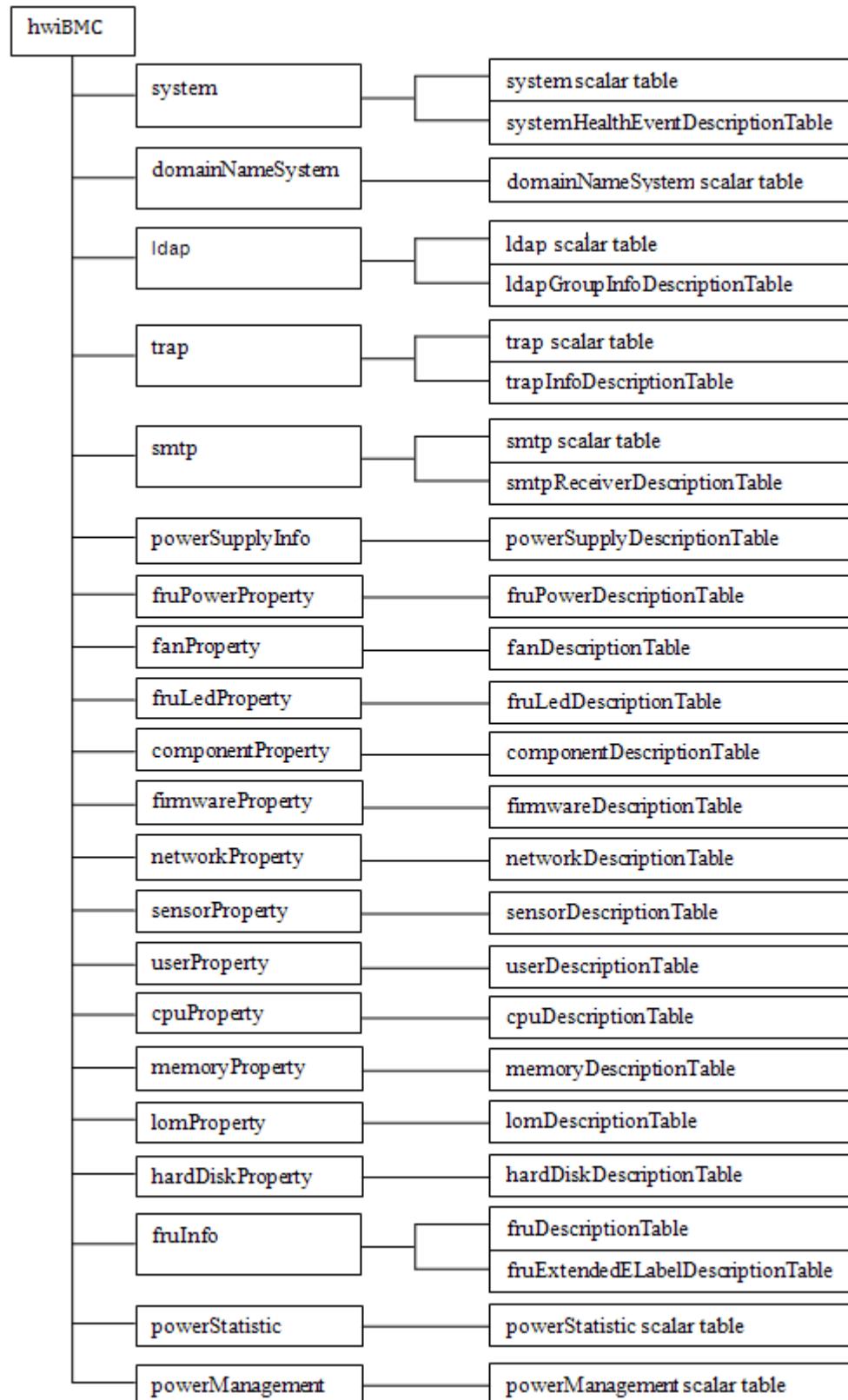
None

2 Table Overview

Tables are categorized as phenotype tables and scalar tables. All nodes in a scalar table are leaf nodes. A scalar table has no index whereas a phenotype table has indexes. The **system**, **domainNameSystem**, **ldap**, **trap**, **smtp**, **powerStatistic**, and **powerManagement** tables are scalar tables. Other tables are phenotype tables. The indexes of these tables are independent of each other.

Figure 2-1 shows the tables in a tree structure.

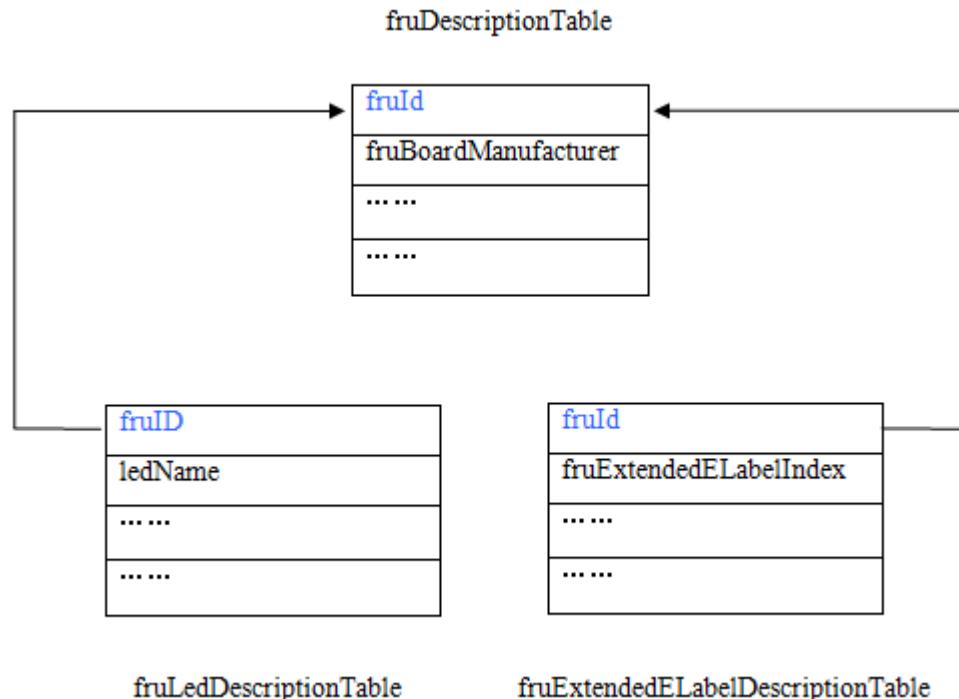
Figure 2-1 Tables in a tree structure



fruInfo consists of the phenotype tables **fruDescriptionTable** and **fruExtendedELabelDescriptionTable**. The indexes of **fruExtendedELabelDescriptionTable** and **fruLedDescriptionTable** are external indexes, and the two tables are dependent on **fruDescriptionTable**.

Figure 2-2 shows the relationships between the tables.

Figure 2-2 Relationships between the tables



3 Information About Common Nodes

Node Name	Node OID Instance	Description	Type	Access
sysDescr	1.3.6.1.2.1.1.1.0	A textual description of the entity. This value should include the full name and version identification of the system's hardware type, software operating-system, and networking software. It is mandatory that this only contain printable ASCII characters.	DisplayString	read-only
sysObjectID	1.3.6.1.2.1.1.2.0	The vendor's authoritative identification of the network management subsystem contained in the entity. This value is allocated within the SMI enterprises subtree (1.3.6.1.4.1) and provides an easy and unambiguous means for determining the type of box that is being managed. For example, if vendor 'Flintstones, Inc.' was assigned the subtree 1.3.6.1.4.1.4242, it could assign the identifier 1.3.6.1.4.1.4242.1.1 to its 'Fred Router'.	OBJECT IDENTIFIER	read-only
sysUptime	1.3.6.1.2.1.1.3.0	The time (in hundredths of a second) since the network management portion of the system was last re-initialized.	TimeTicks	read-only
sysContact	1.3.6.1.2.1.1.4.0	The textual identification of the contact person for this managed node, together with information on how to contact this person.	DisplayString	read-write
sysName	1.3.6.1.2.1.1.5.0	An administratively-assigned name for this managed node. By convention, this is the node's fully-qualified domain name.	DisplayString	read-write
sysLocation	1.3.6.1.2.1.1.6.0	The physical location of this node (e.g., `telephone closet, 3rd floor').	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
sysServices	1.3.6.1.2.1.1.7.0	A value which indicates the set of services that this entity primarily offers.iBMC is a application.	INTEGER	read-only

4 Common SNMP Error Codes

```
#define UM_COMPLETED_SUCCESS          (0x00000000)
#define UM_ERRCODE_BASE              (0x00030000)
#define UM_ERRCODE_UNKNOW            (UM_ERRCODE_BASE + 0x001)
#define UM_ERRCODE_INVALID_PARA      (UM_ERRCODE_BASE + 0x002)
#define UM_ERRCODE_DENIED_ACCESS     (UM_ERRCODE_BASE + 0x003)
#define UM_ERRCODE_WRONGTYPE         (UM_ERRCODE_BASE + 0x004)
#define UM_ERRCODE_BADVALUE          (UM_ERRCODE_BASE + 0x005)
#define UM_ERRCODE_WRONGFORMAT       (UM_ERRCODE_BASE + 0x006)
#define UM_ERRCODE_APPLY_MEMORY_FAIL (UM_ERRCODE_BASE + 0x007)
#define UM_ERRCODE_INSTANCE_NOTFOUND (UM_ERRCODE_BASE + 0x008)
```

5 MIB Table Specifications

The **system**, **domainNameSystem**, **ldap**, **trap**, **smtp**, **powerStatistic**, and **powerManagement** tables are scalar tables. Other tables are phenotype tables.

The operations supported by these tables are as follows:

- All scalar tables support get, walk, get next, get bulk, and set operations.
- The leaf nodes in phenotype tables support get, walk, get next, get bulk, and set operations.

The non-leaf nodes in phenotype tables support walk, get next, and get bulk operations.

5.1 system Specifications

5.1.1 Function Description

The **system** table node allows you to view the system health status, system boot option, system time and time zone, timeout interval for graceful power-off, device name and serial number, power control policy, system name, globally unique identifier (GUID), server identifier, power status, system power, remote OEM information, device location, and device remote management ID.

The OID of the **system** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).system(1)

The following table describes the leaf nodes in the **system** scalar table.

Node Name	Node OID Instance	Description	Type	Access
systemHealth	1.3.6.1.4.1.2011.2.23 5.1.1.1.1.0	System health status. Options: <ul style="list-style-type: none">• 1: ok(1)• 2: minor(2)• 3: major(3)• 4: critical(4)	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
systemBootsequence	1.3.6.1.4.1.2011.2.23 5.1.1.1.2.0	<p>First boot device of the system.</p> <p>Options:</p> <ul style="list-style-type: none"> • 1: No override • 2: Force PXE • 3: Force boot from default Hard-drive • 4: Force boot from default CD/DVD • 5: Force boot from Floppy/primary removable media • 6: boot flags valid. The bit should be set to indicate that valid flag data is present. This bit may be automatically cleared based on the boot flag valid bit clearing parameter, above. (This option is read-only.) • 7: Forcibly enter bios setup The default value is 6 (unspecified). 	Integer	read-write
systemTime	1.3.6.1.4.1.2011.2.23 5.1.1.1.3.0	<p>System time of the baseboard management controller (BMC), based on UTC.</p> <p>The value is in the format of <i>yyyy-mm-dd hh:mm:ss</i>.</p>	Octet String	read-only
systemTimeZone	1.3.6.1.4.1.2011.2.23 5.1.1.1.4.0	<p>BMC time zone, in minutes.</p> <p>The value ranges from -720 to 840.</p>	Integer	read-write
safepowerofftime	1.3.6.1.4.1.2011.2.23 5.1.1.1.5.0	System safe power-off time. The value 0 indicates non-timeout.	Integer	read-write
deviceName	1.3.6.1.4.1.2011.2.23 5.1.1.1.6.0	The value contains 1 to 63 characters.	DisplayString	read-only
deviceSerialNo	1.3.6.1.4.1.2011.2.23 5.1.1.1.7.0	The value contains 1 to 63 characters.	DisplayString	read-only
powerOnPolicy	1.3.6.1.4.1.2011.2.23 5.1.1.1.8.0	Options: <ul style="list-style-type: none"> • 1: stayoff(1) • 2: restorePreviousState(2) • 3: turnon(3) 	Integer	read-write
hostName	1.3.6.1.4.1.2011.2.23 5.1.1.1.9.0	<p>The value contains 1 to 64 characters.</p> <p>The value can contain 0-9, a-z, A-Z, - ('-' is not allowed to be the first/last character).</p>	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
systemGuid	1.3.6.1.4.1.2011.2.23 5.1.1.1.10.0	The GUID is a hexadecimal string, for example, *****-****-****-****-***** .	DisplayString	read-only
identify	1.3.6.1.4.1.2011.2.23 5.1.1.1.11.0	Configures an LED to turn on or off. The mode can be one of the following: <ul style="list-style-type: none">• 0 - Off• 1 - Temporary On• 2 - Force Identify On set format: <mode>, [ontime] get format: <mode> [ontime] is optional and its value ranges from 1 to 255 . When the value of <mode> is 0 or 2 , [ontime] is unavailable. The default value of [ontime] is 15 seconds.	DisplayString	read-write
systemPowerState	1.3.6.1.4.1.2011.2.23 5.1.1.1.12.0	When you perform the get operation for this node, the options are as follows: <ul style="list-style-type: none">• 1 - Power Off• 2 - Power On When you perform the set operation for this node, the options are as follows: <ul style="list-style-type: none">• 1 - Normal Power Off• 2 - Power On• 3 - Forced System Reset• 4 - Forced Power Cycle• 5 - Forced Power Off The setting will take effect in a while. When the system is powered off, the reset, and power off then on commands are not supported.	Integer	read-write
presentSystemPower	1.3.6.1.4.1.2011.2.23 5.1.1.1.13.0	Present power in the system.	Integer	read-only
deviceOwnerID	1.3.6.1.4.1.2011.2.23 5.1.1.1.14.0	Device owner ID. The value can contain a maximum of 64 characters.	Octet String	read-only
deviceSlotID	1.3.6.1.4.1.2011.2.23 5.1.1.1.15.0	Device slot ID. If the device slot ID of a server exists, the value ranges from 1 to 80. Otherwise, the value is 0.	Octet String	read-only

Node Name	Node OID Instance	Description	Type	Access
remoteOEMInfo	1.3.6.1.4.1.2011.2.23 5.1.1.1.16.0	Remote OEM information. The value can contain a maximum of 255 characters.	Octet String	read-write
DeviceLocationInfo	1.3.6.1.4.1.2011.2.23 5.1.1.1.17.0	Device location. The value can contain a maximum of 64 characters.	Octet String	read-write
deviceRemoteManagementID	1.3.6.1.4.1.2011.2.23 5.1.1.1.18.0	Device remote management ID. The value can contain a maximum of 64 characters.	Octet String	read-write
bmcReboot	1.3.6.1.4.1.2011.2.23 5.1.1.1.19.0	Reboots BMC. If you set this parameter, the value must be 1 .	Integer	write-only
powerOnPermit	1.3.6.1.4.1.2011.2.23 5.1.1.1.20.0	Power on permission. <ul style="list-style-type: none"> • 1 - not permit • 2 - permit 	Integer	write-only
autoDiscoveryEnable	1.3.6.1.4.1.2011.2.23 5.1.1.1.21.0	Auto discovery enable. <ul style="list-style-type: none"> • 1 - disable • 2 - enable 	Integer	read-write
productUniqueID	1.3.6.1.4.1.2011.2.23 5.1.1.1.22.0	The productUniqueID is hex string	DisplayString	read-only
systemCpuUsage	1.3.6.1.4.1.2011.2.23 5.1.1.1.23.0	Percent of CPU usage. The value defined as: -1: invalid current CPU usage. [0,100]: represents the current CPU usage.	Integer	read-only
systemBootOnce	1.3.6.1.4.1.2011.2.23 5.1.1.1.24.0	The boot device effect once or permanent.	Integer	read-write
systemMemUsage	1.3.6.1.4.1.2011.2.23 5.1.1.1.25.0	Percent of memory usage. The value defined as: -1: invalid current memory usage. [0,100]: represents the current memory usage.	Integer	read-only
systemCpuUsageThre	1.3.6.1.4.1.2011.2.23 5.1.1.1.26.0	Percent of CPU usage threshold. This value is in [0,100].	Integer	read-write
systemMemUsageThre	1.3.6.1.4.1.2011.2.23 5.1.1.1.27.0	Percent of memory usage threshold. This value is in [0,100].	Integer	read-write
systemDiskPartitionUsageThre	1.3.6.1.4.1.2011.2.23 5.1.1.1.28.0	Percent of hard disk partition usage threshold.	Integer	read-write

Node Name	Node OID Instance	Description	Type	Access
		This value is in [0,100].		
systemTimeZoneStr	1.3.6.1.4.1.2011.2.23 5.1.1.1.29.0	systemTimeZoneStr information about BMC time zone. The parameter can be GMT+hh:mm or GMT-hh:mm format, and the value range from GMT-12:00 to GMT+14:00. The parameter can also be a district name, such as Asia/Shanghai or America/New_York.	DisplayString	read-write

The **systemHealthEventDescriptionEntry** node describes the leaf nodes under the **systemHealthEventDescriptionTable** table node.

The OID of the **systemHealthEventDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwBMC(1).system(1).systemHealthEventDescriptionTable(50).systemHealthEventDescriptionEntry(1)

The following table describes the leaf nodes under the **systemHealthEventDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
eventIndex	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.1.x	Event ID.	Integer	not-accessible
eventSensorName	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.2.x	The value contains 1 to 16 characters.	Octet String	read-only
eventAlertTime	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.3.x	The value is in the format of <i>yyyy-mm-dd hh:mm:ss</i> , based on UTC	Octet String	read-only
eventAlertSeverity	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.4.x	Event severity. Options: • 1: ok(1) • 2: minor(2) • 3: major(3) • 4: critical(4)	Integer	read-only
eventDescription	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.5.x	The value contains 1 to 255 characters.	Octet String	read-only
eventCode	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.6.x	The information about event code.	Octet String	read-only
eventOID	1.3.6.1.4.1.2011.2.2 35.1.1.1.50.1.7.x	The object identification of current event.	Object Identifier	read-only

The **systemDiskPartitionEntry** node describes the leaf nodes under the **systemDiskPartitionTable** table node.

The OID of the **systemDiskPartitionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).system(1). systemDiskPartitionTable (51).
systemDiskPartitionEntry (1)

Node Name	Node OID Instance	Description	Type	Access
diskPartitionIndex	1.3.6.1.4.1.2011.2.2 35.1.1.1.51.1.1	Information about hard disk Partition Index.	INTEGER	not-accessible
diskPartitionName	1.3.6.1.4.1.2011.2.2 35.1.1.1.51.1.2	The hard disk partition name between 1 to 64 characters.	OCTET STRING	read-only
totalCapacityGiB	1.3.6.1.4.1.2011.2.2 35.1.1.1.51.1.3	The hard disk partition total capacity, unit GB.	OCTET STRING	read-only
diskPartitionUsage	1.3.6.1.4.1.2011.2.2 35.1.1.1.51.1.4	The usage of hard disk partition.	INTEGER	read-only

5.1.2 Constraints on the Create Operation

The create operation is not supported.

5.1.3 Constraints on the Modify Operation

The modify operation is not supported.

5.1.4 Constraints on the Delete Operation

The delete operation is not supported.

5.1.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.1.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **systemBootsequence**: The value is an integer ranging from 1 to 5,or 7.
- **systemTimeZone**: The value ranges from **-720** to **840** (same as the value range of cli or web).
- **safepowerofftime**: The value range varies according to the product policy.

- **powerOnPolicy**: The value can be **1**, **2**, or **3**.
- **hostName**: The value contains 1 to 64 characters.
- **Identify**: The value is in the format of *[mod],[ontime]*. The value of *mod* is an integer ranging from 0 to 2, and the value of *ontime* ranges from 1 to 255.

5.2 domainNameSystem Specifications

5.2.1 Function Description

domainNameSystem is a table node. Its subnodes **domainName**, **preferredDNServer**, **alternateDNSServer**, **dnsSource**, and **bindIPProtocol** are leaf nodes.

The OID of the **domainNameSystem** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).domainNameSystem(2)

The following table describes the leaf nodes under the **domainNameSystem** table node.

Node Name	Node OID Instance	Description	Type	Access
domainName	1.3.6.1.4.1.2011 .2.235.1.1.2.1.0	The value contains 0 to 67 characters. The value cannot contain spaces and the following characters: " = # ' &	Display String	read-write
preferredDNS Server	1.3.6.1.4.1.2011 .2.235.1.1.2.2.0	Preferred DNS server IPv4 or IPv6 address. The value is a correct IP address or empty. The default value is empty.	Display String	read-write
alternateDNSS erver	1.3.6.1.4.1.2011 .2.235.1.1.2.3.0	Alternate DNS server IPv4 or IPv6 address. The value is a correct IP address or empty. The default value is empty.	Display String	read-write
dnsSource	1.3.6.1.4.1.2011 .2.235.1.1.2.4.0	DNS source. Options: <ul style="list-style-type: none">• manual(1)• auto(2)	Integer	read-write
bindNetPort	1.3.6.1.4.1.2011 .2.235.1.1.2.5.0	STATUS: obsolete This node is unavailable. The setting of this node has no adverse impact on the system and is not logged.	Integer	read-write

Node Name	Node OID Instance	Description	Type	Access
bindIPProtocol	1.3.6.1.4.1.2011 .2.235.1.1.2.6.0	DNS bind IP protocol. Options: <ul style="list-style-type: none">• IPv4(1)• IPv6(2)	Integer	read-write

5.2.2 Constraints on the Create Operation

The create operation is not supported.

5.2.3 Constraints on the Modify Operation

The modify operation is not supported.

5.2.4 Constraints on the Delete Operation

The delete operation is not supported.

5.2.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.2.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **domainName**: The value contains 0 to 67 characters.
- **preferredDNSServer**: The value is an IPv4 or IPv6 address or empty.
- **alternateDNSServer**: The value is an IPv4 or IPv6 address or empty.
- **dnsSource**: The value can be **1** (manually) or **2** (automatically).
- **bindNetPort**: This node is unavailable. The setting of this node has no adverse impact on the system and is not logged.
- **bindIPProtocol**: The value can be **1** (IPv4) or **2** (IPv6)

5.3 ldap Specifications

5.3.1 Function Description

The **ldap** module provides ldap enablement status, domain controller address, user domain, user group name, group domain, and group privilege information. The module consists of six table nodes and nineteen simple leaf nodes. The table nodes are **ldapGroupInfoDescription1Table**, **ldapGroupInfoDescription2Table**, **ldapGroupInfoDescription3Table**, **ldapGroupInfoDescription4Table**, **ldapGroupInfoDescription5Table**, and **ldapGroupInfoDescription6Table**. The nineteen

simple leaf nodes are **LdapEnable**, **LdapDomainServer1**, **LdapUserDomain1**, **LdapPort1**, **LdapDomainServer2**, **LdapUserDomain2**, **LdapPort2**, **LdapDomainServer3**, **LdapUserDomain3**, **LdapPort3**, **LdapDomainServer4**, **LdapUserDomain4**, **LdapPort4**, **LdapDomainServer5**, **LdapUserDomain5**, **LdapPort5**, **LdapDomainServer6**, **LdapUserDomain6**, and **LdapPort6**.

The OIDs of the simple leaf nodes are as follows:

LdapEnable:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapEnable(1)

LdapDomainServer1:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer1(2)

LdapUserDomain1:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain1(3)

LdapPort1:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort1(4)

LdapDomainServer2:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer2(5)

LdapUserDomain2:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain2(6)

LdapPort2:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort2(7)

LdapDomainServer3:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer3(8)

LdapUserDomain3:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain3(9)

LdapPort3:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort3(10)

LdapDomainServer4:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer4(11)

LdapUserDomain4:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain4(12)

LdapPort4:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort4(13)

ldapDomainServer5:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer5(14)

ldapUserDomain5:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain5(15)

ldapPort5:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort5(16)

ldapDomainServer6:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapDomainServer6(17)

ldapUserDomain6:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapUserDomain6(18)

ldapPort6:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapPort6(19)

The following table describes the simple leaf nodes.

Node Name	Node OID Instance	Description	Type	Access
LdapEnable	1.3.6.1.4.1.2011.2.235.1.1.3.1.0	The state of LDAP. Default value is disable(1)	INTEGER	read-write
ldapDomainServer1	1.3.6.1.4.1.2011.2.235.1.1.3.2.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write
ldapUserDomain1	1.3.6.1.4.1.2011.2.235.1.1.3.3.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write
ldapPort1	1.3.6.1.4.1.2011.2.235.1.1.3.4.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
		value is 636.		
ldapDomainServer2	1.3.6.1.4.1.2011.2.235.1.1.3.5.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write
ldapUserDomain2	1.3.6.1.4.1.2011.2.235.1.1.3.6.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write
ldapPort2	1.3.6.1.4.1.2011.2.235.1.1.3.7.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default value is 636.	INTEGER	read-write
ldapDomainServer3	1.3.6.1.4.1.2011.2.235.1.1.3.8.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write
ldapUserDomain3	1.3.6.1.4.1.2011.2.235.1.1.3.9.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write
ldapPort3	1.3.6.1.4.1.2011.2.235.1.1.3.10.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default value is 636.	INTEGER	read-write
ldapDomainServer4	1.3.6.1.4.1.2011.2.235.1.1.3.11.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
ldapUserDomain4	1.3.6.1.4.1.2011.2.235.1.1.3.12.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write
ldapPort4	1.3.6.1.4.1.2011.2.235.1.1.3.13.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default value is 636.	INTEGER	read-write
ldapDomainServer5	1.3.6.1.4.1.2011.2.235.1.1.3.14.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write
ldapUserDomain5	1.3.6.1.4.1.2011.2.235.1.1.3.15.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write
ldapPort5	1.3.6.1.4.1.2011.2.235.1.1.3.16.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default value is 636.	INTEGER	read-write
ldapDomainServer6	1.3.6.1.4.1.2011.2.235.1.1.3.17.0	LDAP domain server between 1 to 255 characters. Default value is 0.0.0.0. Max length is 255 characters.	DisplayString	read-write
ldapUserDomain6	1.3.6.1.4.1.2011.2.235.1.1.3.18.0	LDAP user domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. CN=Users,DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
ldapPort6	1.3.6.1.4.1.2011.2.235.1.1.3.19.0	Specifies the port number for the LDAP service. Value: an integer ranging from 1 to 65535. The default value is 636.	INTEGER	read-write

The OID of the **ldapGroupInfoDescription1Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription1Table(50)

The **ldapGroupInfoDescription1Entry** node describes the leaf nodes under the **ldapGroupInfoDescription1Table** table node.

The OID of the **ldapGroupInfoDescription1Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription1Table(50).ldapGroupInfoDescription1Entry(1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription1Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex	1.3.6.1.4.1.2011.2.235.1.1.3.50.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName	1.3.6.1.4.1.2011.2.235.1.1.3.50.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write
groupDomain	1.3.6.1.4.1.2011.2.235.1.1.3.50.1.3.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. Example: Group0 CN=group0,DC=ldap,DC=ibmc,DC=com	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
groupPrivilege	1.3.6.1.4.1.2011.2.235.1.1.3.50.1.4.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces	1.3.6.1.4.1.2011.2.235.1.1.3.50.1.5.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write

The OID of the **ldapGroupInfoDescription2Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription2Table(51)

The **ldapGroupInfoDescription2Entry** node describes the leaf nodes under the **ldapGroupInfoDescription2Table** table node.

The OID of the **ldapGroupInfoDescription2Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription2Table(51).ldapGroupInfoDescription2Entry (1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription2Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex2	1.3.6.1.4.1.2011.2.235.1.1.3.51.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName2	1.3.6.1.4.1.2011.2.235.1.1.3.51.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
groupPrivilege2	1.3.6.1.4.1.201 1.2.235.1.1.3.5 1.1.3.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces2	1.3.6.1.4.1.201 1.2.235.1.1.3.5 1.1.4.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write
groupDomain2	1.3.6.1.4.1.201 1.2.235.1.1.3.5 1.1.5.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. Example: Group0 CN=group0,DC=ldap,DC=ibmc, DC=com	DisplayString	read-write

The OID of the **ldapGroupInfoDescription3Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription3Table(52)

The **ldapGroupInfoDescription3Entry** node describes the leaf nodes under the **ldapGroupInfoDescription3Table** table node.

The OID of the **ldapGroupInfoDescription3Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription3Table(52).ldapGroupInfoDescription3Entry (1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription3Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex3	1.3.6.1.4.1.2011.2.235.1.1.3.52.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName3	1.3.6.1.4.1.2011.2.235.1.1.3.52.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write
groupPrivilege3	1.3.6.1.4.1.2011.2.235.1.1.3.52.1.3.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces3	1.3.6.1.4.1.2011.2.235.1.1.3.52.1.4.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write
groupDomain3	1.3.6.1.4.1.2011.2.235.1.1.3.51.1.5.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. Example: Group0 CN=group0,DC=ldap,DC=ibmc,DC=com	DisplayString	read-write

The OID of the **ldapGroupInfoDescription4Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription4Table(53)

The **ldapGroupInfoDescription4Entry** node describes the leaf nodes under the **ldapGroupInfoDescription4Table** table node.

The OID of the **ldapGroupInfoDescription4Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription4Table(53).ldapGroupInfoDescription4Entry(1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription4Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex4	1.3.6.1.4.1.2011.2.235.1.1.3.53.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName4	1.3.6.1.4.1.2011.2.235.1.1.3.52.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write
groupPrivilege4	1.3.6.1.4.1.2011.2.235.1.1.3.53.1.3.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces4	1.3.6.1.4.1.2011.2.235.1.1.3.53.1.4.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write
groupDomain4	1.3.6.1.4.1.2011.2.235.1.1.3.53.1.5.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. Group0 CN=group0 DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write

The OID of the **ldapGroupInfoDescription5Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription5Table(54)

The **ldapGroupInfoDescription5Entry** node describes the leaf nodes under the **ldapGroupInfoDescription5Table** table node.

The OID of the **ldapGroupInfoDescription5Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription5Table(54).ldapGroupInfoDescription5Entry(1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription5Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex5	1.3.6.1.4.1.2011.2.235.1.1.3.54.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName5	1.3.6.1.4.1.2011.2.235.1.1.3.54.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write
groupPrivilege5	1.3.6.1.4.1.2011.2.235.1.1.3.54.1.3.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces5	1.3.6.1.4.1.2011.2.235.1.1.3.54.1.4.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write
groupDomain5	1.3.6.1.4.1.2011.2.235.1.1.3.54.1.5.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. Group0 CN=group0 DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write

The OID of the **ldapGroupInfoDescription6Table** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription6Table(55)

The **ldapGroupInfoDescription6Entry** node describes the leaf nodes under the **ldapGroupInfoDescription6Table** table node.

The OID of the **ldapGroupInfoDescription6Entry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).ldap(3).ldapGroupInfoDescription6Table(55).ldapGroupInfoDescription6Entry (1)

The following table describes the leaf nodes under the **ldapGroupInfoDescription6Table** table node.

Node Name	Node OID Instance	Description	Type	Access
groupIndex6	1.3.6.1.4.1.2011.2.235.1.1.3.55.1.1.x	LDAP group index. Valuemap("1","2","3","4","5")	INTEGER	not-accessible
groupName6	1.3.6.1.4.1.2011.2.235.1.1.3.55.1.2.x	LDAP group name if the string consists of numbers, letters, and special characters, the maximum length is 255 characters.	DisplayString	read-write
groupPrivilege6	1.3.6.1.4.1.2011.2.235.1.1.3.55.1.3.x	0 - no access 1 - common user 2 - operator 3 - administrator 4 - customRole1 5 - customRole2 6 - customRole3 7 - customRole4 Default value is common user(1).	INTEGER	read-write
groupInterfaces6	1.3.6.1.4.1.2011.2.235.1.1.3.55.1.4.x	Information about LDAP group login interfaces. bit0 - Web: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	INTEGER	read-write
groupDomain6	1.3.6.1.4.1.2011.2.235.1.1.3.55.1.5.x	LDAP group domain if the string consists of numbers, letters, and special characters, the maximum length is 255 characters. E.g. Group0 CN=group0 DC=ldap,DC=ibmc,DC=com.	DisplayString	read-write

5.3.2 Constraints on the Create Operation

The create operation is not supported.

5.3.3 Constraints on the Modify Operation

The modify operation is not supported.

5.3.4 Constraints on the Delete Operation

The delete operation is not supported.

5.3.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.3.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **ldapEnable:** The value is **1** (disable) or **2** (enable).
- **ldapDomainServer:** The value is an IPv4 address or domain name. The value contains 1 to 255 characters.
- **ldapUserDomain:** If the string consists of numbers, letters, and special characters, the maximum length is 255 characters.
- **groupName:** If the string consists of numbers, letters, and special characters, the maximum length is 255 characters.
- **groupDomain:** If the string consists of numbers, letters, and special characters, the maximum length is 255 characters.
- **groupPrivilege:** The value can be **0** (No Access), **1** (common user), **2** (operator), **3** (administrator),**4**(customRole1),**5**(customRole2),**6**(customRole3),**7**(customRole4)
- **groupInterfaces:** The value is consist of bits: bit0(Web),bit3(SSH)

5.4 trap Specifications

5.4.1 Function Description

The simple nodes of the **trap** module allow you to view and set the trap function status (enabled or disabled), trap community name, level of traps to be sent, trap mode, trap version, trap identifier, detailed level of traps to be sent, and trap v3 user name. The table node of the **trap** module describes trap information, and the leaf nodes allow you to view and set the trap receiving status (enabled or disabled), address and port number for receiving traps, and trap type.

The OID of the **trapInfoDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).trap(4)

The following table describes the leaf nodes in the **trap** scalar table.

Node Name	Node OID Instance	Description	Type	Access
trapEnable	1.3.6.1.4.1.2011.2.235.1.1.4.1.0	Whether to enable the trap function. Options: <ul style="list-style-type: none">• 1: disable(1)• 2: enable(2)	Integer	read-write
trapCommunity	1.3.6.1.4.1.2011.2.235.1.1.4.2.0	SNMP trap community. The value contains 1 to 18 characters. The value cannot contain spaces.	Display String	write-only
trapLevel	1.3.6.1.4.1.2011.2.235.1.1.4.3.0	Level of traps to be sent. Options: <ul style="list-style-type: none">• 1: ok(1)• 2: minor(2)• 3: major(3)• 4: critical(4) The default value is minor(2) .	Integer	read-write
trapMode	1.3.6.1.4.1.2011.2.235.1.1.4.4.0	Trap mode <ul style="list-style-type: none">• eventCodeMode(1)• trapOidMode(2)• trapPreciseAlarmMode(3)	Integer	read-write
trapVersion	1.3.6.1.4.1.2011.2.235.1.1.4.5.0	Trap version: <ul style="list-style-type: none">• 1: v1(1)• 2: v2c(2)• 3: v3(3)	Integer	read-write
trapRearm	1.3.6.1.4.1.2011.2.235.1.1.4.6.0	Send rearm command. Value list: 1: rearm(1)	INTEGER	write-only
trapServerIdentity	1.3.6.1.4.1.2011.2.235.1.1.4.7.0	Server identity used for sending traps. <ul style="list-style-type: none">• boardSN(1)• productAssetTag(2)• hostName(3)	Integer	read-write
trapSecurityUserName	1.3.6.1.4.1.2011.2.235.1.1.4.8.0	Security user name for SNMP trap V3. The user must be a BMC local user.	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
trapLevelDetail	1.3.6.1.4.1.2011.2.235.1.1.4.9.0	Level of traps to be sent. You can set or get any combination of the four alarm levels (critical, major, minor, normal), which are separated by commas (,). None/all is also supported, but never use it with the four levels together.	Display String	read-write

The **trapInfoDescriptionEntry** node describes the leaf nodes under the **trapInfoDescriptionTable** table node. The OID of the **trapInfoDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).trap(4).trapInfoDescriptionTable(50).trapInfoDescriptionEntry(1)

The following table describes the leaf nodes under the **trapInfoDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
trapReceiverIndex	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.1.x	Trap receiver index.	Integer	not-accessible
trapReceiverEnable	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.2.x	Options: • 1: disable(1) • 2: enable(2)	Integer	read-write
trapReceiverAddress	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.3.x	Trap Receiver IPv4 address, IPv6 address or domain name. The default value is empty.	Display String	read-write
trapReceiverPort	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.4.x	Trap receiver port.	Integer	read-write
trapSendType	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.5.x	1: snmpTrap(1) This node is reserved and has a fixed value of 1. The setting of this node has no adverse impact on the system and is not logged.	Integer	read-write
trapTest	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.6.x	Test whether SNMP traps or syslog	Integer	write-only

Node Name	Node OID Instance	Description	Type	Access
		information can be received. When you perform the set operation, the value can only be 1 .		
trapBobEnable	1.3.6.1.4.1.2011.2.235.1.1.4.50.1.7.x	BOB: iBMC over iBMA. Use in-band channel forwarding trap: 1: disabled 2: enabled	Integer	read-write

5.4.2 Constraints on the Create Operation

The create operation is not supported.

5.4.3 Constraints on the Modify Operation

The modify operation is not supported.

5.4.4 Constraints on the Delete Operation

The delete operation is not supported.

5.4.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.4.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **trapEnable**: The value is **1** (disabled) or **2** (enabled).
- **trapCommunity**: The value contains 1 to 18 characters.
- **trapLevel**: The value can be **1** (all events, including normal events), **2** (minor or more severe events), **3** (major or more severe events), or **4** (critical events).
- **trapVersion**: The value can be **1-v1** or **2-v2c**.
- **trapMode**: The value can be **1** (eventCodeMode) , **2** (trapOidMode), or **3** (trapPreciseAlarmMode).
- **trapServerIdentity**: The value can be **1** (boardSN), **2** (productAssetTag), or **3** (hostName).
- **trapLevelDetail**: The value can be any combination of the four alarm severities (**critical**, **major**, **minor**, **ok** which are separated by commas (,)). The value can also be set to none/all.
- **trapReceiverEnable**: The value is **1** (disabled) or **2** (enabled).

- **trapReceiverAddress:** The value is an IPv4 address, IPv6 address, domain name or empty.
- **trapReceiverPort:** The value is an SNMP trap port number, and the default value is 162.
- **trapSendType:** This node is reserved and has a fixed value of **1**. The setting of this node has no adverse impact on the system and is not logged.
- **trapTest:** The value has a fixed value of **1**.
- **trapBobEnable:** The value is 1(out-band enabled) or 2(in-band enabled).

5.5 smtp Specifications

5.5.1 Function Description

The **smtp** module allows you to view or configure information about the Simple Mail Transfer Protocol (SMTP) server and target SMTP recipients.

The OID of the **smtp** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).smtp(5)

The following table describes the leaf nodes in the **smtp** scalar table.

Node Name	Node OID Instance	Description	Type	Access
smtpEnable	1.3.6.1.4.1.2011.2.2 35.1.1.5.1.0	Whether to enable SMTP. Options: <ul style="list-style-type: none">• 1: disable(1)• 2: enable(2) The default value is disable(1) .	Integer	read-write
smtpSendSeverity	1.3.6.1.4.1.2011.2.2 35.1.1.5.2.0	Severity of alarms to be sent by an SMTP server. Options: <ul style="list-style-type: none">• 1: ok(1)• 2: minor(2)• 3: major(3)• 4: critical(4) The default value is ok(1) .	Integer	read-write
smtpServerIP	1.3.6.1.4.1.2011.2.2 35.1.1.5.3.0	SMTP server IPv4 address, IPv6 address or domain name.	Display String	read-write
smtpLoginType	1.3.6.1.4.1.2011.2.2 35.1.1.5.4.0	SMTP login type. Options:	Integer	read-write

Node Name	Node OID Instance	Description	Type	Access
		<ul style="list-style-type: none"> • 1: anonymous(1) • 2: account(2) 		
smtpLoginAccount	1.3.6.1.4.1.2011.2.2 35.1.1.5.5.0	<p>The value contains 1 to 64 characters.</p> <p>The value cannot contain spaces and the following characters: " = # ' &</p>	Display String	read-write
smtpLoginPassword	1.3.6.1.4.1.2011.2.2 35.1.1.5.6.0	<p>Set user login SMTP password.</p> <p>The value contains 1 to 50 characters.</p>	Display String	write-only
smtpSendFrom	1.3.6.1.4.1.2011.2.2 35.1.1.5.7.0	<p>The value contains 0 to 255 characters.</p> <p>The value cannot contain spaces and the following characters: " = # ' &</p> <p>The value must be in the format of xx@xxx.xx</p>	Display String	read-write
smtpTLSEnable	1.3.6.1.4.1.2011.2.2 35.1.1.5.8.0	The TLS state for SMTP. Default value is enable (2) [1: disable(1), 2: enable(2)]	INTEGER	read-write
smtpSendSeverityDetail	1.3.6.1.4.1.2011.2.2 35.1.1.5.9.0	<p>Severity of SMTP traps to be sent.</p> <p>The value can be any combination of the four alarm severities (critical, major, minor, and info), which are separated by commas (,).</p> <p>None/all is also supported, but never use it with the four alarm severities together.</p>	Display String	read-write

The **smtpReceiverDescriptionEntry** node describes the leaf nodes under the **smtpReceiverDescriptionTable** table node. The OID of the **smtpReceiverDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).smtp(5).smtpReceiverDescriptionTable(50).smtpReceiverDescriptionEntry(1)

The following table describes the leaf nodes under the **smtpReceiverDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
smtpReceiver Index	1.3.6.1.4.1.2011.2.235 .1.1.5.50.1.1.x	Receiver index.	Integer	not-accessible
smtpReceiver State	1.3.6.1.4.1.2011.2.235 .1.1.5.50.1.2.x	SMTP receiver status. Options: • Disable 1 • Enable 2	Integer	read-write
smtpReceiver Address	1.3.6.1.4.1.2011.2.235 .1.1.5.50.1.3.x	The value contains 0 to 255 characters. The value cannot contain spaces and the following characters: " = # ' &	Display String	read-write
smtpReceiver Description	1.3.6.1.4.1.2011.2.235 .1.1.5.50.1.4.x	The value contains 0 to 255 characters.	Display String	read-write
smtpReceiver Test	1.3.6.1.4.1.2011.2.235 .1.1.5.50.1.5.x	Whether to send a test email to the specified email address. When you perform the set operation, the value can only be 1.	Integer	write-only

5.5.2 Constraints on the Create Operation

The create operation is not supported.

5.5.3 Constraints on the Modify Operation

The modify operation is not supported.

5.5.4 Constraints on the Delete Operation

The delete operation is not supported.

5.5.5 Constraints on the Query Operation

The get, get next, walk, and get bulk operations are supported.

5.5.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **smtpEnable**: The value is 1 (disabled) or 2 (enabled).
- **smtpSendSeverity**: The value can be 1 (all events, including OK events), 2 (minor or more severe events), 3 (major or more severe events), or 4 (critical events).

- **smtpServerIP**: The value is an IPv4 address, IPv6 address, domain name or empty.
- **smtpLoginType**: The value is **1** (anonymous) or **2** (account).
- **smtpLoginAccount**: The value contains 1 to 64 characters.
- **smtpLoginPassword**: The value contains 1 to 50 characters.
- **smtpSendFrom**: The value contains 0 to 255 characters, and the default value is `default@test.com`.
- **smtpSendSeverityDetail**: The value can be any combination of the four alarm severities (**critical**, **major**, **minor**, and **info**), which are separated by commas (,). The value can also be set to none/all.
- **smtpReceiverState**: The value can be **1** (disabled) or **2** (enabled), and the default value is **2**.
- **smtpReceiverAddress**: The value contains 0 to 255 characters, and the default value is empty.
- **smtpReceiverDescription**: The value contains 0 to 255 characters.
- **smtpReceiverTest**: indicates the test email recipient. The value can only be **1**, which indicates that the specified address for receiving emails is set.

5.6 powerSupplyInfo Specifications

5.6.1 Function Description

The **powerSupplyInfo** table node allows you to:

- View the overall health status of PSUs
- View and set the working mode
- Perform an active/standby switchover
- Obtain the following information about each PSU:
Manufacturer, power input mode, model, version, rated power, input power, installation status, silkscreen, and working mode.

The OID of the **powerSupplyInfo** table node is as follows:

`iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwIBMC(1).powerSupplyInfo(6)`

The following table describes the leaf nodes under the **powerSupplyInfo** table node.

Node Name	Node OID Instance	Description	Type	Access
powerSupplyEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.6.1.0	All power supply health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
		• unknown(6)		
settedPowerSupplyEntireMode	1.3.6.1.4.1.2011.2.235.1.1.6.2.0	Setted power supply entire mode. Power supply entire mode get: <ul style="list-style-type: none">• 1:loadBalance(1)• 2:activeBackup(2)• 3:unsupported(3) Power supply entire mode set: <ul style="list-style-type: none">• 1:loadBalance(1)• 2:activeBackup(2)	Integer	read-write
actualPowerSupplyEntireMode	1.3.6.1.4.1.2011.2.235.1.1.6.3.0	Actual power supply entire mode. • 1: loadBalance(1) • 2:activeBackup(2) • 3: unknown(3)	Integer	read-only
settedActivePowerSupply	1.3.6.1.4.1.2011.2.235.1.1.6.4.0	Setted active power supply. per bit represents a PS, bit0 is PS1, and so on, the bit value of 1 indicates the PS is active. can not set all PS are active or backup. The result 0x7FFFFFFF is unsupported.	Integer	read-write

The **powerSupplyDescriptionEntry** node describes the leaf nodes under the **powersupplydescriptiontable** table node. The OID of the **powerSupplyDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwBMC(1).powerSupplyInfo(6).powerSupplyDescriptionTable(50).powerSupplyDescriptionEntry(1)

The following table describes the leaf nodes under the **powersupplydescriptiontable** table node.

Node Name	Node OID Instance	Description	Type	Access
powerSupplyIndex	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.1.x	PSU index.	Integer	not-accessible
powerSupplyManufacturer	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.2.x	PSU manufacturer.	DisplayString	read-only
powerSupplyInputMode	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.3.x	Power input mode. Options: <ul style="list-style-type: none">• acInput(1)	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
		<ul style="list-style-type: none"> • dcInput(2) • acInputDcInput(3) 		
powerSupplyModel	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.4.x	PSU model.	DisplayString	read-only
powerSupplyVersion	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.5.x	PSU version.	DisplayString	read-only
powerSupplyPowerRating	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.6.x	Power rating, in watts.	Integer	read-only
powerSupplyStatus	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.7.x	PSU status. Options: <ul style="list-style-type: none"> • ok(1) • minor(2) • major(3) • critical(4) • absence(5) • unknown(6) 	Integer	read-only
powerSupplyInputPower	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.8.x	Input power, in watts.	Integer	read-only
powerSupplyPresence	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.9.x	PSU installation status. Options: <ul style="list-style-type: none"> • absence(1) • presence(2) • unknown(3) 	Integer	read-only
powerSupplyProtocol	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.10.x	Power protocol. Options: <ul style="list-style-type: none"> • psmi(1) • pmbus(2) 	Integer	read-only
powerSupplyLocation	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.11.x	PSU physical location.	DisplayString	read-only
powerSupplyFunction	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.12.x	PSU logic function.	DisplayString	read-only
powerSupplyDeviceName	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.13.x	PSU device name.	DisplayString	read-only
powerSupplyWorkMode	1.3.6.1.4.1.2011.2.235.1.1.6.50.1.14.x	Actual working mode of each PSU. Options: <ul style="list-style-type: none"> • 1: active(1) • 2: backup(2) • 3: unknown(3) 	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
powerSupplySN	1.3.6.1.4.1.2011.2.235.1.1.6. 50.1.15.x	Power supply SN.	DisplayString	read-only

5.6.2 Constraints on the Create Operation

The create operation is not supported.

5.6.3 Constraints on the Modify Operation

The modify operation is not supported.

5.6.4 Constraints on the Delete Operation

The delete operation is not supported.

5.6.5 Constraints on the Query Operation

The get, get next, walk, and get bulk operations are supported.

5.6.6 Constraints on the Set Operation

The set operation is not supported.

5.7 fruPowerProperty Specifications

5.7.1 Function Description

The **fruPowerProperty** table allows you to view and set FRU power status. You can power on, power off, restart, or gracefully restart an FRU.

The OID of the **fruPowerDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruPowerProperty(7).fruPowerDescriptionTable(50)

The **fruPowerDescriptionEntry** node describes the leaf nodes under the **fruPowerDescriptionTable** table node. The OID of the **fruPowerDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruPowerProperty(7).fruPowerDescriptionTable(50).fruPowerDescriptionEntry(1)

The following table describes the leaf nodes under the **fruPowerDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
fruNum	1.3.6.1.4.1.2011.2.235.1.1.7. 50.1.1.1	Index of the FRU power.	Integer	not-accessible

Node Name	Node OID Instance	Description	Type	Access
fruPowerControl	1.3.6.1.4.1.2011.2.235.1.1.7. 50.1.2.1	FRU power control. • normalPowerOff (1) • powerOn(2) • forcedSystemReset (3) • forcedPowerCycle (4)	Integer	read-write

5.7.2 Constraints on the Create Operation

The create operation is not supported.

5.7.3 Constraints on the Modify Operation

The modify operation is not supported.

5.7.4 Constraints on the Delete Operation

The delete operation is not supported.

5.7.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.7.6 Constraints on the Set Operation

The **fruPowerControl** node supports the set operation. The value can be **1** (normal power off), **2** (power on), **3** (forced system reset), or **4** (forced power cycle).

5.8 fanProperty Specifications

5.8.1 Function Description

The **fanProperty** table node allows you to view or configure fan information, including:

- Control mode, global speed ratio, and overall health status of fans
- Rotational speed (RPM), installation status, silkscreen, and speed ratio of each fan.

The **fanProperty** table node is unavailable for blade servers.

The OID of the **fanProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fanProperty(8)

The following table describes the leaf nodes under the **fanProperty** table node.

Node Name	Node OID Instance	Description	Type	Access
fanMode	1.3.6.1.4.1.2011 .2.235.1.1.8.1.0	<p>Fan control mode.</p> <p>fan mode:</p> <ul style="list-style-type: none"> • 0 - auto • 1 - manual <p>set format: <mode>, [timeout] get format: <mode>, [timeout]</p> <p>[timeout] is optional and its value ranges from 0 to 300, in seconds.</p> <p>The default value of [timeout] is 30 seconds.</p> <p>When the value of <mode> is 0, [timeout] is unavailable.</p>	DisplayString	read-write
fanLevel	1.3.6.1.4.1.2011 .2.235.1.1.8.2.0	<p>Percentage of fan speed.</p> <p>This value ranges from <i>MIN_FANLEVEL</i> to 100.</p> <p><i>MIN_FANLEVEL</i> is the minimum fan level, which varies according to the system.</p> <p>When you perform the get operation, 255 indicates that the fan mode is auto.</p>	Integer	read-write
fanEntireStatus	1.3.6.1.4.1.2011 .2.235.1.1.8.3.0	<p>All fan health status.</p> <p>Options:</p> <ul style="list-style-type: none"> • ok(1) • minor(2) • major(3) • critical(4) • absence(5) • unknown(6) 	Integer	read-only

The **fanDescriptionEntry** node describes the leaf nodes under the **fanDescriptionTable** table node. The OID of the **fanDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fanProperty(8).fanDescriptionTable(50).fanDescriptionEntry(1)

The following table describes the leaf nodes under the **fanDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
fanIndex	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.1.x	Fan index.	Integer	not-accessible
fanSpeed	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.2.x	Fan speed, in RPM.	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
fanPresence	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.3.x	Fan installation status. Options: <ul style="list-style-type: none">• absence(1)• presence(2)• unknown(3)	Integer	read-only
fanStatus	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.4.x	Fan health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only
fanLocation	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.5.x	Fan physical location.	Display String	read-only
fanFunction	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.6.x	Fan logic function.	Display String	read-only
fanDeviceName	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.7.x	Fan device name.	Display String	read-only
fanSpeedRatio	1.3.6.1.4.1.2011.2.235.1.1.8 .50.1.8.x	Fan speed ratio.	Integer	read-only

5.8.2 Constraints on the Create Operation

The create operation is not supported.

5.8.3 Constraints on the Modify Operation

The modify operation is not supported.

5.8.4 Constraints on the Delete Operation

The delete operation is not supported.

5.8.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.8.6 Constraints on the Set Operation

The set operation is not supported.

5.9 fruLedProperty Specifications

5.9.1 Function Description

The **fruLedProperty** table node allows you to view LED properties, including:

LED name, supported colors, default local control color, default override color, color, status, action, duration when an LED is on, and duration when an LED is off

The OID of the **fruLedProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruLedProperty(9)

The **fruLedDescriptionEntry** node describes the leaf nodes under the **fruLedDescriptionTable** table node. The OID of the **fruLedDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruLedProperty(9).fruLedDescriptionTable(50).fruLedDescriptionEntry(1)

The following table describes the leaf nodes under the **fruLedDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
fruID	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.1.0.6.85.73.68.76.101.100 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.1.0.10.83.121.115.72.101.97.108.76.101.100:SysHea ILed	FRU index.	Integer	not-accessible
ledName	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.2.0.6.85.73.68.76.101.100 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.2.0.10.83.121.115.72.101.97.108.76.101.100:SysHea ILed	FRU LED index.	Display String	read-only
ledColorCapabilities	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.3.0.6.85.73.68.76.101.100 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.3.0.10.83.121.115.72.101.97.108.76.101.100:SysHea ILed	LED capability: BLUE, RED, GREEN, AMBER, ORANGE, WHITE. The return value is separated by commas (,).	Display String	read-only
ledColorInLocalControlState	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.4.0.6.85.73.68.76.101.100 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9.	LED control state: BLUE, RED, GREEN, AMBER,	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
	50.1.4.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	ORANGE, WHITE.		
ledColorInOverrideState	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.5.0.6.85.73.68.76.101.1 00 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.5.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	LED override: BLUE, RED, GREEN, AMBER, ORANGE, WHITE.	Display String	read-only
ledColor	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.6.0.6.85.73.68.76.101.1 00 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.6.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	LED color. Options: • BLUE • RED • GREEN • AMBER • ORANGE • WHITE	Display String	read-only
ledMode	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.7.0.6.85.73.68.76.101.1 00 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.7.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	LED mode. Options: • localControl(1) • override(2) • test(3)	Integer	read-only
ledStatus	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.8.0.6.85.73.68.76.101.1 00 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.8.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	LED status. Options: • off(1) • on(2) • blinking(3)	Integer	read-only
ledLitOnLastTime	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.9.0.6.85.73.68.76.101.1 00 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.9.0.10.83.121.115.72.10 1.97.108.76.101.100:SysHea ILed	Unit: 10 ms (blinking), 100 ms (test) Range: (1–250) x 10 ms (blinking) (1–127) x 100 ms (test)	Integer	read-only
ledLitOffLastTime	1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.10.0.6.85.73.68.76.101. 100 :UIDLed 1.3.6.1.4.1.2011.2.235.1.1.9. 50.1.10.0.10.83.121.115.72.1 01.97.108.76.101.100:SysHe	Unit: 10 ms (blinking) Range: (1–250) x 10 ms (blinking)	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
	alLed			

5.9.2 Constraints on the Create Operation

The create operation is not supported.

5.9.3 Constraints on the Modify Operation

The modify operation is not supported.

5.9.4 Constraints on the Delete Operation

The delete operation is not supported.

5.9.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.9.6 Constraints on the Set Operation

The set operation is not supported.

5.10 componentProperty Specifications

5.10.1 Function Description

The **componentProperty** table node allows you to view component information, including the maximum number of Mezzanine Cards and the **componentDescriptionTable** nodes.

The OID of the **componentProperty** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).componentProperty(10)

Node Name	Node OID Instance	Description	Type	Access
mezzCardMaxNum	1.3.6.1.4.1.2011.2.2 35.1.1.10.1.0	Maximum number of Mezzanine Cards	Integer	read-only

The **componentDescriptionEntry** node describes the leaf nodes under the **componentDescriptionTable** table node. The OID of the **componentDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).componentProperty(10).componentDescriptionTable(50).componentDescriptionEntry(1)

The following table describes the leaf nodes under the **componentDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
componentName	1.3.6.1.4.1.2011.2.2 35.1.1.10.50.1.1.0	Component name.	Display String	read-only
componentType	1.3.6.1.4.1.2011.2.2 35.1.1.10.50.1.2.0	Component type. <ul style="list-style-type: none">• baseBoard(1),• mezzCard(2),• amcController(3),• mmcController(4),• hddBackplane(5),• raidCard(6),• pcieCard(9),• cpuBoard(10),• memoryBoard(12),• lomCard(13),• riserCard(16),• smmBoard(18),• chassisBackplane(23),• fanBackplane(25),• psuBackplane(26),• ioBoard(36),• pcieTransferCard(39),• m2TransferCard(46),• gpuBoard(65),• passThroughCard(68),• logicalDrive(69),• pcieRetimer(70)	Integer	read-only
componentPCB Version	1.3.6.1.4.1.2011.2.2 35.1.1.10.50.1.3.0	PCB version.	Display String	read-only
componentBoard ID	1.3.6.1.4.1.2011.2.2 35.1.1.10.50.1.4.0	Board ID.	Display String	read-only
componentStatus	1.3.6.1.4.1.2011.2.2 35.1.1.10.50.1.5.0	Board health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
		<ul style="list-style-type: none">critical(4)absence(5)unknown(6)		

5.10.2 Constraints on the Create Operation

The create operation is not supported.

5.10.3 Constraints on the Modify Operation

The modify operation is not supported.

5.10.4 Constraints on the Delete Operation

The delete operation is not supported.

5.10.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.10.6 Constraints on the Set Operation

The set operation is not supported.

5.11 firmwareProperty Specifications

5.11.1 Function Description

The **firmwareProperty** table node allows you to view firmware information, including the firmware name, type, release date, version, and location.

The OID of the **firmwareProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).firmwareProperty(11)

The **firmwareDescriptionEntry** node describes the leaf nodes under the **firmwareDescriptionTable** table node. The OID of the **firmwareDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).firmwareProperty(11).firmwareDescriptionTable(50).firmwareDescriptionEntry(1)

The following table describes the leaf nodes under the **firmwareDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
firmwareName	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.1.x	Firmware name. The value contains 0 to 50 characters.	Display String	read-only
firmwareType	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.2.x	Firmware type. Options: <ul style="list-style-type: none">• iBMC(1)• fpga(2)• cpld(3)• bios(4)• uboot(5)• lcd(6)• backupUboot(7)• ioboardCpld(8)• cpuboardCpld(9)• hddBackplaneCpld(10)• pcieRiserCardCpld(11)• raidCardCpld(12)• peripheralFirmware(13)• gpuBoardCpld(14)	Integer	read-only
firmwareRelease Date	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.3.x	Firmware release date. The value is in the format of <i>yyyy-mm-dd hh:mm:ss</i> .	Display String	read-only
firmwareVersion	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.4.x	Firmware version. The value contains 0 to 50 characters.	Display String	read-only
firmwareLocation	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.5.x	Firmware location. The value contains 0 to 20 characters.	Display String	read-only
fruNumber	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.6.x	Information about FRU id.	INTEGER	read-only
firmwareBoard	1.3.6.1.4.1.2011.2.23 5.1.1.11.50.1.7.x	Information about firmware board, value between 0 to 50 characters.	Display String	read-only

5.11.2 Constraints on the Create Operation

The create operation is not supported.

5.11.3 Constraints on the Modify Operation

The modify operation is not supported.

5.11.4 Constraints on the Delete Operation

The delete operation is not supported.

5.11.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.11.6 Constraints on the Set Operation

The set operation is not supported.

5.12 networkProperty Specifications

5.12.1 Function Description

networkProperty is a table node. Its subnodes **ethNum**, **ethIPAddress**, **ethNetmask**, **ethDefaultGateway**, **ethIPSource**, **ethMACAddress**, **ethType**, **ethHostPort**, **ethEnable** (abandoned), **ethMode**, **vlanID**, **ethInfo** and **ethIPv4Enable** are leaf nodes. The **networkProperty** table node allows you to view and set network information for management and sideband network ports.

The OID of the **networkProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).networkProperty(12)

The **networkDescriptionEntry** node describes the leaf nodes under the **networkDescriptionTable** table node. The OID of the **networkDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).networkProperty(12).networkDescriptionTable(50).networkDescriptionEntry(1)

The following table describes the leaf nodes under the **networkDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
ethNum	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.1.1	Ethernet number.	Integer	not-accessible
ethIPAddress	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.2.1	Ethernet IPv4 address.	IpAddress	read-write

Node Name	Node OID Instance	Description	Type	Access
ethNetmask	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.3.1	Netmask.	IpAddress	read-write
ethDefaultGateway	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.4.1	Default gateway.	IpAddress	read-write
ethIPSource	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.5.1	IP source. Options: • static(1) • dhcp(2)	Integer	read-write
ethMACAddress	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.6.1	MAC address.	Display String	read-only
ethType	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.7.1	Ethernet port type. Options: • mgmt(1) • share(2)	Integer	read-only
ethHostPort	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.8.1	Share Ethernet bound host port. Options: • none(1) • port1(2) • port2(3) • port3(4) • port4(5)	Integer	read-write
ethEnable	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.9.1	STATUS: obsolete This node is unavailable. The setting of this node has no adverse impact on the system and is not logged.	Integer	read-write
ethMode	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.10.1	Network mode.	Integer	read-write
vlanID	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.11.1	Whether to disable or enable a VLAN and set an ID.	Display String	read-write
ethInfo	1.3.6.1.4.1.2011.2.235.1.1.12.50.1.12.1	Sets the IP address, subnet mask, and gateway address. For example, 192.168.2.100, 255.255.255.0, 192.168.2.1.	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
ethIPv4Enable	1.3.6.1.4.1.2011.2.235.1. 1.12.50.1.13.1	Information about eth IPv4 enabled. disable(1),enable(2)	INTEGER	read-write

5.12.2 Constraints on the Create Operation

The create operation is not supported.

5.12.3 Constraints on the Modify Operation

The modify operation is not supported.

5.12.4 Constraints on the Delete Operation

The delete operation is not supported.

5.12.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.12.6 Constraints on the Set Operation

The set operation is supported.

ethEnable: This node is unavailable. The setting of this node has no adverse impact on the system and is not logged.

5.13 sensorProperty Specifications

5.13.1 Function Description

The **sensorProperty** module allows you to view sensor information.

The **userDescriptionEntry** node describes the leaf nodes under the **userDescriptionTable** table node. The OID of the **userDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).sensorProperty(13).sensorDescriptionTable(50).sensorDescriptorEntry(1)

The following table describes the leaf nodes under the **sensorProperty** table node.

Node Name	Node OID Instance	Description	Type	Access
sensorName	1.3.6.1.4.1.2011.2.235.1. .1.13.50.1.1.x	Sensor name.	DisplayString	read-only
sensorReading	1.3.6.1.4.1.2011.2.235.1. .1.13.50.1.2.x	Sensor reading.	DisplayString	read-only

Node Name	Node OID Instance	Description	Type	Access
sensorUpperNonRecoverable	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.3.x	Sensor upper non-recoverable threshold.	DisplayString	read-only
sensorUpperCritical	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.4.x	Sensor upper critical threshold.	DisplayString	read-only
sensorUpperMinor	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.5.x	Sensor upper minor threshold.	DisplayString	read-only
sensorLowerNonRecoverable	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.6.x	Sensor lower non-recoverable threshold.	DisplayString	read-only
sensorLowerCritical	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.7.x	Sensor lower critical threshold.	DisplayString	read-only
sensorLowerMinor	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.8.x	Sensor lower minor threshold.	DisplayString	read-only
sensorStatus	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.9.x	Sensor status.	DisplayString	read-only
sensorType	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.10.x	Sensor type.	Integer	read-only
sensorPositiveHysteresis	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.11.x	Positive-going threshold hysteresis value. Set it to 00h if a sensor does not support positive-going threshold hysteresis. This value is subtracted from positive going thresholds to determine the point where the asserted status for that threshold will clear. See section 35.13.2 "Hysteresis and Event Status" and section 35.13.3 "High-going versus Low-going Threshold Events."	Integer	read-only
sensorNegativeHysteresis	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.12.x	Negative-going threshold hysteresis value. This value is added to negative going thresholds to determine the point where the asserted status for that threshold will clear. Set it to 00h if the sensor does not support the negative-going threshold hysteresis.	Integer	read-only
sensorPositiveHysteresisString	1.3.6.1.4.1.2011.2.235.1 .1.13.50.1.13.x	Positive-going threshold hysteresis value. Set it to na if sensor does not support positive-going threshold hysteresis. This value is	DisplayString	read-only

Node Name	Node OID Instance	Description	Type	Access
		subtracted from positive going thresholds to determine the point where the asserted status for that threshold will clear. See section 35.13.2 "Hysteresis and Event Status" and section 35.13.3 "High-going versus Low-going Threshold Events."		
sensorNegativeHysteresisString	1.3.6.1.4.1.2011.2.235.1.13.50.1.14.x	Negative-going threshold hysteresis value. This value is added to negative going thresholds to determine the point where the asserted status for that threshold will clear. Set it to 'na' if sensor does not support negative-going threshold hysteresis.	DisplayString	read-only
sensorUnit	1.3.6.1.4.1.2011.2.235.1.13.50.1.15.x	Information about sensor unit. unspecified(0) degrees-c(1) degrees-f(2) degrees-k(3) volts(4) amps(5) watts(6) rpm(18)	INTEGER	read-only
sensorEventReadingType	1.3.6.1.4.1.2011.2.235.1.13.50.1.16.x	Information about event reading type.	INTEGER	read-only

5.13.2 Constraints on the Create Operation

The create operation is not supported.

5.13.3 Constraints on the Modify Operation

The modify operation is not supported.

5.13.4 Constraints on the Delete Operation

The delete operation is not supported.

5.13.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.13.6 Constraints on the Set Operation

The set operation is not supported.

5.14 userProperty Specifications

5.14.1 Function Description

The **userProperty** module allows you to view or configure local user information, including the user name, status (enabled or disabled), ID, password, and group. This module also allows you to delete user information.

The OID of the **userDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).userProperty(14).userDescriptionTable(50)

The **userDescriptionEntry** node describes the leaf nodes under the **userDescriptionTable** table node. The OID of the **userDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).userProperty(14).userDescriptionTable(50).userDescriptionEntry(1)

The following table describes the leaf nodes under the **userDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
userID	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.1 .x	User ID. The value ranges from 2 to 17 .	Integer	not-accessible
userEnable	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.2 .x	Whether a user is enabled. Options: <ul style="list-style-type: none">• 1: disable• 2: enable	Integer	read-write
userName	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.3 .x	User name length is 1 to 16 characters. The value can contain letters, digits, and special characters. The value cannot contain spaces, double quotation and the following special characters: , \ : < > & ' / %, and cannot start with a number sign (#).	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
userPassword	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.4 .x	User password. The value contains 1 to 20 characters.	Display String	read-write
userGroupID	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.5 .x	User group ID. When set, this value will be one of the following:(1, 2, 3, 5, 6, 7, 8).. Options: <ul style="list-style-type: none">• 1 - common user• 2 - operator• 3 - administrator• 4 - no access (available only for the get operation).• 5 - custom role1• 6 - custom role2• 7 - custom role3• 8 - custom role4.	Integer	read-write
userDelete	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.6 .x	Deletes user information.	Integer	read-write
userInterfaces	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.7 .x	Information about user login interfaces. bit0 - Web: 0 disabled; 1 enabled bit1 - SNMP: 0 disabled; 1 enabled bit2 - IPMI: 0 disabled; 1 enabled bit3 - SSH: 0 disabled; 1 enabled bit4 - SFTP: 0 disabled; 1 enabled bit6 - Local: 0 disabled; 1 enabled bit7 - Redfish: 0 disabled; 1 enabled	Integer	read-write
userPublickey Add	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.8 .x	Add PublicKey, The set format is: <publickey file>], with max length 256.	Display String	read-write
userPublickey Delete	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.9	Delete PublicKey	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
	.x			
userPublickey Hash	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.1 0.x	PublicKey Hash,	Display String	read-only
userSNMPPri vacyPassword	1.3.6.1.4.1.2011.2 .235.1.1.14.50.1.1 1.x	Information about SNMP privacy password of user. Password length is 1 to 20 characters. It is only supported on server of V5 series.	Display String	read-write

5.14.2 Constraints on the Create Operation

The create operation is not supported.

5.14.3 Constraints on the Modify Operation

The modify operation is not supported.

5.14.4 Constraints on the Delete Operation

The delete operation is not supported.

5.14.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.14.6 Constraints on the Set Operation

The set operation is supported.

- **userEnable:** The value is **1** (disabled) or **2** (enabled).
- **userName:** The value contains 1 to 16 characters. The value can contain letters, digits, and special characters. The value cannot contain spaces, double quotation and the following special characters: , \ : < > & ' / %, and cannot start with a number sign (#).
- **userPassword:** The value contains 1 to 20 characters.
- **userGroupID:** identifies a user group. This vaule will be one of the following:(**1, 2, 3, 5, 6, 7, 8**).
- **userDelete:** deletes a user. The value can only be **1**.
- **userInterfaces:** The value is consist of bits:
bit0(Web),bit1(SNMP),bit2(IPMI),bit3(SSH),bit4(SFTP), bit6(Local) ,bit7(Redfish)
- **userSNMPPrivacyPassword:** The value contains 1 to 20 characters.

5.15 cpuProperty Specifications

5.15.1 Function Description

The **cpuProperty** module allows you to view CPU information of the service system.

cpuDescriptionTable is a table node, and its subnodes **cpuManufacturer**, **cpuFamily**, **cpuType**, **cpuClockRate**, **cpuStatus**, **cpuAvailability**, and **silkscreen** are leaf nodes.

The OID of the **cpuDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).cpuProperty(15).cpuDescriptionTable(50)

The following table describes the leaf node under the **cpuProperty** module.

Node Name	Node OID Instance	Description	Type	Access
cpuEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.0	All CPU health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only

The **cpuDescriptionEntry** node describes the leaf nodes under the **cpuDescriptionTable** table node. The OID of the **cpuDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).cpuProperty(15).cpuDescriptionTable(50).cpuDescriptionEntry(1)

The following table describes the leaf nodes under the **cpuDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
cpuIndex	1.3.6.1.4.1.2011.2.235.1.1.15.50.1.1.x	CPU index.	Integer	not-accessible
cpuManufacturer	1.3.6.1.4.1.2011.2.235.1.1.15.50.1.2.x	CPU manufacturer.	Display String	read-only
cpuFamily	1.3.6.1.4.1.2011.2.235.1.1.15.50.1.3.x	CPU family.	Display String	read-only
cpuType	1.3.6.1.4.1.2011.2.235.1.1.15.50.1.4.x	CPU type.	Display String	read-only
cpuClockRate	1.3.6.1.4.1.2011.2.235.1.1.15.50.1.5.x	CPU clock rate.	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
cpuStatus	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.6.x	CPU health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only
cpuAvailability	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.7.x	Information about CPU availability. unknown(1) disabled(2) backup(3) active(4)	Integer	read-only
cpuLocation	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.8.x	CPU physical location.	Display String	read-only
cpuFunction	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.9.x	CPU logic function.	Display String	read-only
cpuDevicename	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.10.x	CPU devicename.	Display String	read-only
cpuProcessorID	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.11.x	CPU processor ID	Display String	read-only
cpuCoreCount	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.12.x	CPU core count	INTEGRER	read-only
cpuThreadCount	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.13.x	CPU thread count	INTEGRER	read-only
cpuMemoryTechnology	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.14.x	CPU memory technology	Display String	read-only
cpuL1Cache_K	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.15.x	CPU L1 cache	INTEGRER	read-only
cpuL2Cache_K	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.16.x	CPU L2 cache	INTEGRER	read-only
cpuL3Cache_K	1.3.6.1.4.1.2011.2.235.1.1. 15.50.1.17.x	CPU L3 cache	INTEGRER	read-only

5.15.2 Constraints on the Create Operation

The create operation is not supported.

5.15.3 Constraints on the Modify Operation

The modify operation is not supported.

5.15.4 Constraints on the Delete Operation

The delete operation is not supported.

5.15.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.15.6 Constraints on the Set Operation

The set operation is not supported.

5.16 memoryProperty Specifications

5.16.1 Function Description

The **memoryProperty** module allows you to view the slot number, logical channel, manufacturer, capacity, frequency, and silkscreen of each dual in-line memory module (DIMM).

The OID of the **memoryProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).memoryProperty(16)

The following table describes the leaf node under the **memoryProperty** table node.

Node Name	Node OID Instance	Description	Type	Access
memoryEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.16.1.0	All memory health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only

The **memoryDescriptionEntry** node describes the leaf nodes under the **memoryDescriptionTable** table node. The OID of the **memoryDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).memoryProperty(16).memoryDescriptionTable(50).memoryDescriptionEntry(1)

The following table describes the leaf nodes under the **memoryDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
memoryDimmIndex	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.1.x	DIMM index.	Integer	not-accessible
memoryLogic	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.2.x	Memory logical channel.	Display String	read-only
memoryManufacturer	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.3.x	Memory manufacturer.	Display String	read-only
memorySize	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.4.x	Memory capacity, in MB.	Display String	read-only
memoryClockRate	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.5.x	Memory clock rate, in MHz.	Integer	read-only
memoryStatus	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.6.x	Memory health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only
memoryAvailability	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.7.x	Information about memory availability unknown(1) disabled(2) backup(3) active(4)	Integer	read-only
memoryLocation	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.8.x	Memory physical location.	Display String	read-only
memoryFunction	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.9.x	Memory logic function.	Display String	read-only
memoryDeviceName	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.10.x	Memory device name.	Display String	read-only
memoryType	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.11.x	Memory type	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
memorySN	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.12.x	Memory SN	Display String	read-only
memoryMinimumVoltage	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.13.x	Memory minimum voltage	INTEGER	read-only
memoryRank	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.14.x	Memory rank	INTEGER	read-only
memoryBitWidth	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.15.x	Memory bit width	INTEGER	read-only
memoryTechnology	1.3.6.1.4.1.2011.2.235.1.1.16 .50.1.16.x	Memory technology	Display String	read-only

5.16.2 Constraints on the Create Operation

The create operation is not supported.

5.16.3 Constraints on the Modify Operation

The modify operation is not supported.

5.16.4 Constraints on the Delete Operation

The delete operation is not supported.

5.16.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.16.6 Constraints on the Set Operation

The set operation is not supported.

5.17 lomProperty Specifications

5.17.1 Function Description

The **lomProperty** module allows you to view the MAC addresses of LANs on motherboard (LOMs).

The OID of the **lomProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).lomProperty(17)

The **lomDescriptionEntry** node describes the leaf nodes under the **lomDescriptionTable** table node. The OID of the **lomDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).lomProperty(17).lomDescriptionTable(50).lomDescriptionEntry(1)

The following table describes the leaf nodes under the **lomDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
lomIndex	1.3.6.1.4.1.2011.2.235.1.1.17.50.1.1.x	LOM index.	Integer	not-accessible
lomMACAddress	1.3.6.1.4.1.2011.2.235.1.1.17.50.1.2.x	LOM MAC address.	DisplayString	read-only

5.17.2 Constraints on the Create Operation

The create operation is not supported.

5.17.3 Constraints on the Modify Operation

The modify operation is not supported.

5.17.4 Constraints on the Delete Operation

The delete operation is not supported.

5.17.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.17.6 Constraints on the Set Operation

The set operation is not supported.

5.18 hardDiskProperty Specifications

5.18.1 Function Description

The **hardDiskProperty** module allows you to view hard disk information, including the installation status and silkscreen of each hard disk.

The OID of the **hardDiskProperty** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hardDiskProperty(18)

The following table describes the leaf node under the **hardDiskProperty** table node.

Node Name	Node OID Instance	Description	Type	Access
hardDiskEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.18.1.0	All hard disk health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only

The **hardDiskDescriptionEntry** node describes the leaf nodes under the **hardDiskDescriptionTable** table node. The OID of the **hardDiskDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).hardDiskProperty(18).hardDiskDescriptionTable(50).hardDiskDescriptionEntry(1)

The following table describes the leaf nodes under the **hardDiskDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
hardDiskIndex	1.3.6.1.4.1.2011.2.235.1.1.18.50.1.1.x	Hard disk index.	Integer	not-accessible
hardDiskPresence	1.3.6.1.4.1.2011.2.235.1.1.18.50.1.2.x	Hard disk installation status. Options: <ul style="list-style-type: none">• absence(1)• presence(2)• unknown(3)	Integer	read-only
hardDiskStatus	1.3.6.1.4.1.2011.2.235.1.1.18.50.1.3.x	Hard disk health status. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only
hardDiskLocation	1.3.6.1.4.1.2011.2.235.1.1.18.50.1.4.x	Hard disk physical location.	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
hardDiskFunction	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.5.x	Hard disk logic function.	Display String	read-only
hardDiskDeviceName	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.6.x	Hard disk device name.	Display String	read-only
hardDiskSerialNumber	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.7.x	Hard disk serial number.	Display String	read-only
hardDiskModelNumber	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.8.x	Hard disk model number.	Display String	read-only
hardDiskManufacturer	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.9.x	Hard disk manufacturer.	Display String	read-only
hardDiskFwState	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.10.x	Hard disk firmware status unconfigured-good(1) unconfigured-bad(2) hot-spare(3) offline(4) failed(5) rebuild(6) online(7) copyback(8) jbod(9) unconfigured-shielded(10) hot-spare-shielded(11) configured-shielded(12) foreign(13) unknown(255)	INTEGER	read-write
hardDiskFwVersion	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.11.x	Hard disk firmware version	Display String	read-only
hardDiskCapacityInGB	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.12.x	Hard disk capacity (GB)	INTEGER	read-only
hardDiskMediaType	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.13.x	Hard disk media type	INTEGER	read-only
hardDiskInterfaceType	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.14.x	Hard disk interface type. SAS, SATA...etc	INTEGER	read-only
hardDiskPowerState	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.15.x	Hard disk power state	INTEGER	read-only
hardDiskRebuild	1.3.6.1.4.1.2011.2.2	Hard disk rebuild	INTEGER	read-only

Node Name	Node OID Instance	Description	Type	Access
Progress	35.1.1.18.50.1.16.x	progress (0 - 100%)	ER	
hardDiskPatrolReadStatus	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.17.x	Hard disk patrol read status	INTEGRER	read-only
hardDiskCapableSpeedInMbps	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.18.x	Hard disk maximum supported speed	INTEGRER	read-only
hardDiskNegotiatedSpeedInMbps	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.19.x	Hard disk negotiated speed	INTEGRER	read-only
hardDiskTemperature	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.20.x	Hard disk temperature (in Celsius)	INTEGRER	read-only
hardDiskSASAddress1	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.21.x	Hard disk SAS address 1	Display String	read-only
hardDiskSASAddress2	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.22.x	Hard disk SAS address 2	Display String	read-only
hardDiskPrefailState	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.23.x	Hard disk prefail state	INTEGRER	read-only
hardDiskHotSpareState	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.24.x	Hard disk hot spare state none(1) global(2) dedicated(3) commissioned(4) emergency(5) unknown(255)	INTEGRER	read-write
hardDiskRemnantWearout	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.25.x	Hard disk remnant wearout (100% - 0). Only valid for SSD	INTEGRER	read-only
hardDiskMediaErrorCount	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.26.x	Hard disk media error count	INTEGRER	read-only
hardDiskPrefailErrorCount	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.27.x	Hard disk prefail error count	INTEGRER	read-only
hardDiskOtherErrorCount	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.28.x	Hard disk other error count	INTEGRER	read-only
hardDiskLocationState	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.29.x	Hard disk location state. unknown(1) off(2) on(3)	INTEGRER	read-write
hardDiskCapacityyInMB	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.30.x	Hard disk capacity (MB)	INTEGRER	read-only

Node Name	Node OID Instance	Description	Type	Access
hardDiskPowerOnHours	1.3.6.1.4.1.2011.2.2 35.1.1.18.50.1.31.x	Power-On Hours.	INTEGER	read-only

5.18.2 Constraints on the Create Operation

The create operation is not supported.

5.18.3 Constraints on the Modify Operation

The modify operation is not supported.

5.18.4 Constraints on the Delete Operation

The delete operation is not supported.

5.18.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.18.6 Constraints on the Set Operation

The set operation is supported.

hardDiskFwState: The values which can be set are online(7), offline(4), unconfigured-good(1), jbod(9).

1. If current value is online(7), it can be set to offline(4).
2. If current value is offline(4), it can be set to online(7).
3. If current value is unconfigured-good(1), it can be set to jbod(9). The JBOD of RAID controller must be enabled first.
4. If current value is jbod(9), it can be set to unconfigured-good(1),The JBOD of RAID controller must be enabled first.

hardDiskHotSpareState: The values which can be set are none(1),global(2),dedicated(3).

5. none(1): Cancel hot spare, can be set when hardDiskHotSpareState is Global/Dedicated.
6. global(2): Global hot spare, can be set only when hardDiskFwState = Unconfigured Good.
7. dedicated(3):Dedicated hot spare, can be set only when hardDiskFwState = Unconfigured Good and logical drive ID of which is spare should be specified.

The argument format is,

Bit 31-24	Bit 23-16	Bit 15-8	Bit 7-0
0	0	0	1: none
0	0	0	2: global
0	0	logical drive ID	3: dedicated

For example:

Set this hard disk as dedicated hot spare for logical drive 2, the setting value should be

$$0x0203 = 2 * 256 + 3 = 515$$

hardDiskLocationState: The values which can be set are off(2), on(3).

8. off(2): Start locating.
9. on(3): Stop locating.

5.19 fruInfo Specifications

5.19.1 Function Description

The **fruInfo** module allows you to view FRU asset information.

The **fruInfo** module consists of two tables: **fruDescriptionTable** and **fruExtendedELabelDescriptionTable**.

The OID of the **fruDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruInfo(19).fruDescriptionTable(50)

The **fruDescriptionEntry** node describes the leaf nodes under the **fruDescriptionTable** table node. The OID of the **fruDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruInfo(19).fruDescriptionTable(50).fruDescriptionEntry(1)

The following table describes the leaf nodes under the **fruDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
fruId	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.1.x	FRU ID.	Integer	not-accessible
fruBoardManufacturer	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.2.x	FRU board manufacturer.	Display String	read-only
fruBoardProductName	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.3.x	FRU board product name.	Display String	read-only
fruBoardSerialNumber	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.4.x	FRU board serial number.	Display String	read-only
fruBoardPartNumber	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.5.x	FRU board part number.	Display String	read-only
fruBoardMfgDate	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.6.x	FRU board manufacturing date.	Display String	read-only
fruBoardFileID	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.7.x	FRU board file ID.	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
fruProductManufacturer	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.8.x	FRU product manufacturer.	Display String	read-only
fruProductName	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.9.x	FRU product name.	Display String	read-only
fruProductSerialNumber	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.10.x	FRU product serial number.	Display String	read-only
fruProductPartNumber	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.11.x	FRU product part number.	Display String	read-only
fruProductVersion	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.12.x	FRU product version.	Display String	read-only
fruProductAssetTag	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.13.x	FRU product asset tag.	Display String	read-write
fruProductFileID	1.3.6.1.4.1.2011.2.235 .1.1.19.50.1.14.x	FRU product file ID.	Display String	read-only

The OID of the **fruExtendedELabelDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruInfo(19).fruExtendedELabelDescriptionTable(60)

The **fruExtendedELabelDescriptionEntry** node describes the leaf nodes under the **fruExtendedELabelDescriptionTable** table node. The OID of the **fruExtendedELabelDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).fruInfo(19).fruExtendedELabelDescriptionTable(60).fruExtendedELabelDescriptionEntry(1)

The following table describes the leaf nodes under the **fruExtendedELabelDescriptionTable** table node.x: 1-6

Node Name	Node OID Instance	Description	Type	Access
fruid	1.3.6.1.4.1.2011.2.235 .1.1.19.60.1.1.x	FRU ID.	Integer	not-accessible
fruExtendedELabelIndex	1.3.6.1.4.1.2011.2.235 .1.1.19.60.1.2.x	FRU extended E-label index.	Integer	read-only
fruExtendedELabelInfo	1.3.6.1.4.1.2011.2.235 .1.1.19.60.1.3.x	Format: key=value	DisplayString	read-only

5.19.2 Constraints on the Create Operation

The create operation is not supported.

5.19.3 Constraints on the Modify Operation

The modify operation is not supported.

5.19.4 Constraints on the Delete Operation

The delete operation is not supported.

5.19.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

The default timeout period for the **snmpable** command is 1 second. When using the **snmpable** command to obtain these table nodes, you need to set the **-t** parameter to 3 seconds or longer to avoid timeout. When performing the walk operation, you need also to set the timeout period to 3 seconds or longer by using the MIB browser.

5.19.6 Constraints on the Set Operation

Neither the **fruDescriptionTable** node nor the **fruExtendedELabelDescriptionTable** node supports the set operation.

5.20 powerStatistic Specifications

5.20.1 Function Description

The **powerStatistic** module allows you to view the peak system power, time when the system power reaches the peak, average historical power, accumulated power consumption, power statistics start time, and accumulated heat consumption. This module also allows you to delete all power statistics.

The OID of the **powerStatistic** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).powerStatistic(20)

The following table describes the leaf nodes under the **powerStatistic** table node.

Node Name	Node OID Instance	Description	Type	Access
peakPower	1.3.6.1.4.1.2011.2.23 5.1.1.20.1.0	Peak system power.	Display String	read-only
peakPowerOccurTime	1.3.6.1.4.1.2011.2.23 5.1.1.20.2.0	Time when the system power reaches the peak, based on UTC.	Display String	read-only
averagePower	1.3.6.1.4.1.2011.2.23 5.1.1.20.3.0	Average system power.	Display String	read-only
powerConsumption	1.3.6.1.4.1.2011.2.23 5.1.1.20.4.0	Power consumption from	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
		the power statistical start time.		
powerStatisticStartTime	1.3.6.1.4.1.2011.2.23 5.1.1.20.5.0	Start time of power statistics, based on UTC. The value is in the format of <i>yyyy-mm-dd hh:mm:ss</i> .	Display String	read-only
clearPowerStatistic	1.3.6.1.4.1.2011.2.23 5.1.1.20.6.0	Deletes all power statistics.	Integer	write-only
heat	1.3.6.1.4.1.2011.2.23 5.1.1.20.7.0	Heat consume from power statistic start time, unit is kcal.	Integer	read-only

5.20.2 Constraints on the Create Operation

The create operation is not supported.

5.20.3 Constraints on the Modify Operation

The modify operation is not supported.

5.20.4 Constraints on the Delete Operation

The delete operation is not supported.

5.20.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.20.6 Constraints on the Set Operation

The set operation is supported.

clearPowerStatistic: deletes all power statistics(1)

5.21 powerManagement Specifications

5.21.1 Function Description

The **powerManagement** module allows you to view or configure the power capping status (enabled or disabled), power cap, and action taken when power capping fails.

The OID of the **powerManagement** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).powerManagement(23)

The following table describes the leaf nodes under the **powerManagement** table node.

Node Name	Node OID Instance	Description	Type	Access
powerCappingEnable	1.3.6.1.4.1.2011.2.235.1.1.23.1.0	Power capping status. Options: <ul style="list-style-type: none">• Disable(1)• Enable(2)	Integer	read-write
powerCappingValue	1.3.6.1.4.1.2011.2.235.1.1.23.2.0	Power cap. The value ranges from 1 to 9999 .	Integer	read-write
powerCappingFailureAction	1.3.6.1.4.1.2011.2.235.1.1.23.3.0	System action taken when power capping fails. Options: <ul style="list-style-type: none">• eventlog(1)• eventlogAndPowerOff (2) The default value is eventlog(1) .	Integer	read-write

5.21.2 Constraints on the Create Operation

The create operation is not supported.

5.21.3 Constraints on the Modify Operation

The modify operation is not supported.

5.21.4 Constraints on the Delete Operation

The delete operation is not supported.

5.21.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.21.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **powerCappingEnable**: indicates the power capping status. The value can be **1** (disabled) or **2** (enabled).
- **powerCappingValue**: indicates the power cap. The value ranges from **1** to **9999**.
- **powerCappingFailureAction**: The value can be **1** (eventlog) or **2** (eventlogAndPowerOff).

5.22 pCIEDeviceProperty Specifications

5.22.1 Function Description

The **pCIEDeviceProperty** module allows you to view Peripheral Component Interconnect Express (PCIe) device information of a server.

pCIEDeviceDescriptionTable is a table node, and its subnodes **pCIEDeviceIndex**, **pCIEDevicePresence**, **pCIEDeviceStatus**, **pCIEAvailability**, **pCIEDeviceLocation**, **pCIEDeviceFunction**, **pCIEDeviceDevicename**, **pCIEDeviceVID**, **pCIEDeviceDID**, **pCIEDeviceManufacturer** and **pCIEDeviceDescription** are leaf nodes.

The OID of the **pCIEDeviceDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiMana(1).pCIEDeviceProperty(24).pCIEDeviceDescriptionTable(50)

The following table describes the leaf node under the **pCIEDeviceProperty** module.

Node Name	Node OID Instance	Description	Type	Access
pCIEDeviceEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.24.1.0	Health status of all PCIe devices. Options: <ul style="list-style-type: none">• ok(1)• minor(2)• major(3)• critical(4)• absence(5)• unknown(6)	Integer	read-only
pCIEDeviceMaxNum	1.3.6.1.4.1.2011.2.235.1.1.24.2.0	Maximum number of PCIe cards.	Integer	read-only

The **pCIEDeviceDescriptionEntry** node describes the leaf nodes under the **pCIEDeviceDescriptionTable** table node. The OID of the **pCIEDeviceDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).pCIEDeviceProperty(24).pCIEDeviceDescriptionTable(50).pCIEDeviceDescriptionEntry(1)

The following table describes the leaf nodes under the **pCIEDeviceDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
pCleDeviceIndex	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.1.x	PCIe device index.	Integer	not-accessible
pCleDevicePresence	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.2.x	PCIe device installation status. <ul style="list-style-type: none"> • absence(1) • presence(2) • unknown(3) 	Integer	read-only
pCleDeviceStatus	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.3.x	Information about PCIe health status. <ul style="list-style-type: none"> • ok(1) • minor(2) • major(3) • critical(4) • absence(5) • unknown(6) 	Integer	read-only
pCleAvailability	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.4.x	Information about PCIe availability. <ul style="list-style-type: none"> • unknown(1) • disabled(2) • backup(3) • active(4) 	Integer	read-only
pCleDeviceLocation	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.5.x	PCIe physical location.	Display String	read-only
pCleDeviceFunction	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.6.x	PCIe logic function.	Display String	read-only
pCleDeviceDeviceName	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.7.x	PCIe device name.	Display String	read-only
pCleDeviceVID	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.8.x	PCIe device VID.	Integer	read-only
pCleDeviceDID	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.9.x	PCIe device DID.	Integer	read-only
pCleDeviceManufacturer	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.10.x	PCIe device manufacturer.	Display String	read-only
pCleDeviceDescription	1.3.6.1.4.1.2011.2.2 35.1.1.24.50.1.11.x	PCIe device description.	Display String	read-only

5.22.2 Constraints on the Create Operation

The create operation is not supported.

5.22.3 Constraints on the Modify Operation

The modify operation is not supported.

5.22.4 Constraints on the Delete Operation

The delete operation is not supported.

5.22.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.22.6 Constraints on the Set Operation

The set operation is not supported.

5.23 netCardProperty Specifications

5.23.1 Function Description

The **netCardProperty** module allows you to view mezz card information of a server. **netCardDescriptionTable** is a table node, and its subnode **netCardIndex**, **netCardLocation**, **netCardFunction**, **netCardDevicename**, **netCardNICModel**, **netCardNICType**, **netCardNICName**, **netCardChipModel**, **netCardNICManufacturer**, **netCardChipManufacturer**, **netCardDriverName**, **netCardDriverVersion**, **netCardFirmwareVersion**, **netCardPCBVersion**, **netCardBoardId** and **netCardResourceOwnership** are leaf nodes.

The OID of the **netCardDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).netCardProperty(25).netCardDescriptionTable(50)

The following table describes the leaf nodes under the **netCardDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
netCardIndex	1.3.6.1.4.1.2011.2.23 5.1.1.25.50.1.1.x	Information about net card index.	Integer	not-accessible
netCardLocation	1.3.6.1.4.1.2011.2.235.1. 1.25.50.1.2.x	Net card physical location.	Display String	read-only
netCardFunction	1.3.6.1.4.1.2011.2.235.1. 1.25.50.1.3.x	Net card logic function.	Display String	read-only

Node Name	Node OID Instance	Description	Type	Access
netCardDevicename	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.4.x	Net card device name.	Display String	read-only
netCardNICModel	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.5.x	Net card model.	Display String	read-only
netCardNICType	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.6.x	NIC type define as: 8: PCIe card 11: Mezz card 13: NIC	Integer	read-only
netCardNICName	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.7.x	Net card name.	Display String	read-only
netCardChipModel	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.8.x	Net card chip model.	Display String	read-only
netCardNICManufacturer	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.9.x	Net card manufacturer.	Display String	read-only
netCardChipManufacturer	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.10.x	Net card chip manufacturer.	Display String	read-only
netCardDriverName	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.11.x	Net card driver name.	Display String	read-only
netCardDriverVersion	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.12.x	Net card driver version.	Display String	read-only
netCardFirmwareVersion	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.13.x	Net card firmware version.	Display String	read-only
netCardPCBVersion	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.14.x	Net card PCB version.	Display String	read-only
netCardBoardId	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.15.x	Net card board ID.	Integer	read-only
netCardResourceOwnership	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.16.x	Net card resource ownership. The value n is defined as: 1~253:CPU[n], 254: PCH, 255: PCIe Switch.	Integer	read-only
netCardRootBDF	1.3.6.1.4.1.2011.2.235.1.1.25.50.1.17.x	Net card root port BDF.	Display String	read-only

5.23.2 Constraints on the Create Operation

The create operation is not supported.

5.23.3 Constraints on the Modify Operation

The modify operation is not supported.

5.23.4 Constraints on the Delete Operation

The delete operation is not supported.

5.23.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.23.6 Constraints on the Set Operation

The set operation is not supported.

5.24 temperatureProperty Specifications

5.24.1 Function Description

The **temperatureProperty** module allows you to view temperature information of some components on a server. The components include the air intake vent, CPUs.

temperatureDescriptionTable is a table node, and its subnodes **temperatureIndex**, **temperatureObject**, **temperatureReading**, **temperatureUpperNonRecoverable**, **temperatureUpperCritical**, **temperatureUpperMinor**, **temperatureLowerNonRecoverable**, **temperatureLowerCritical**, and **temperatureLowerMinor** are leaf nodes.

The following table describes the mapping between indexes and temperature monitoring points.

Index	Temperature Monitoring Point
1	Air intake vent
2	CPU 1
3	CPU 2
4	CPU 3
5	CPU 4

The OID of the **temperatureDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).temperatureProperty(26)

The following table describes the leaf node under the **temperatureDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
temperatureEntireStatus	1.3.6.1.4.1.2011.2.235.1.1.26.1.0	Information about all temperature sensor health status. ok(1) minor(2) major(3) critical(4) unknown(5)	INTEGER	read-only

The **temperatureDescriptionEntry** node describes the leaf nodes under the **temperatureDescriptionTable** table node. The OID of the **temperatureDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiMana(1).temperatureProperty(26).temperatureDescriptionTable(50)

The following table describes the leaf nodes under the **temperatureDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
temperatureIndex	1.3.6.1.4.1.2011.2.235.1.1.26.50.1.1.x	Temperature index.	Integer	not-accessible
temperatureObject	1.3.6.1.4.1.2011.2.235.1.1.26.50.1.2.x	Temperature object.	DisplayString	read-only
temperatureReading	1.3.6.1.4.1.2011.2.235.1.1.26.50.1.3.x	Temperature reading. The unit is 1/10 Celsius degree. If a server is powered off, the CPU temperature is not readable and the value is 65535 .	Integer	read-only
temperatureUpperNonRecoverable	1.3.6.1.4.1.2011.2.235.1.1.26.50.1.4.x	Upper threshold for nonrecoverable temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.	Integer	read-only
temperatureUpperCritical	1.3.6.1.4.1.2011.2.23	Upper threshold	Integer	read-only

Node Name	Node OID Instance	Description	Type	Access
	5.1.1.26.50.1.5.x	for critical temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.		
temperatureUpperMinor	1.3.6.1.4.1.2011.2.23 5.1.1.26.50.1.6.x	Upper threshold for minor temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.	Integer	read-only
temperatureLowerNonRecoverable	1.3.6.1.4.1.2011.2.23 5.1.1.26.50.1.7.x	Lower threshold for nonrecoverable temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.	Integer	read-only
temperatureLowerCritical	1.3.6.1.4.1.2011.2.23 5.1.1.26.50.1.8.x	Lower threshold for critical temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.	Integer	read-only
temperatureLowerMinor	1.3.6.1.4.1.2011.2.23 5.1.1.26.50.1.9.x	Lower threshold for minor temperature alarms. The unit is 1/10 Celsius degree. The value 65535 indicates N/A.	Integer	read-only

5.24.2 Constraints on the Create Operation

The create operation is not supported.

5.24.3 Constraints on the Modify Operation

The modify operation is not supported.

5.24.4 Constraints on the Delete Operation

The delete operation is not supported.

5.24.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.24.6 Constraints on the Set Operation

The set operation is not supported.

5.25 networkTimeProtocol Specifications

5.25.1 Function Description

The Network Time Protocol (NTP) information includes the following:

- Whether the board supports NTP time synchronization
- NTP status (enabled or disabled)
- Preferred NTP server IP address
- Alternate NTP server IP address
- NTP server source (manual or automatic)
- Bind IP versions
- Server authentication status (enabled or disabled)
- Group key imported
- Group key status
- NTP time synchronization interval

The OID of networkTimeProtocol table node is:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).networkTimeProtocol (27)

networkTimeProtocol has the following leaf nodes:



NOTE

x is index of logical drive.

Node Name	Node OID Instance	Description	Type	Access
ntpSupport	1.3.6.1.4.1.2011.2.235.1.1.27.1.0		INTEGER	read-only
ntpEnabled	1.3.6.1.4.1.2011.2.235.1.1.27.2.0	The state of NTP. Default value is disable(1)	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
preferredNTPServer	1.3.6.1.4.1.2011.2.235.1.1.27.3.0	Preferred NTP server between 1 to 255 characters. Default value is null. Max length is 128 characters.	DisplayString	read-write
alternateNTPServer	1.3.6.1.4.1.2011.2.235.1.1.27.4.0	Alternate NTP server between 1 to 255 characters. Default value is null. Max length is 128 characters.	DisplayString	read-write
ntpServersource	1.3.6.1.4.1.2011.2.235.1.1.27.5.0	The source of NTP servers. The value is manual(1) or auto(2).	INTEGER	read-write
bindNTPIPProtocol	1.3.6.1.4.1.2011.2.235.1.1.27.6.0	The IP Protocol version of NTP server address. The value is ipv4(1) or ipv6(2).	INTEGER	read-write
ntpAuthEnabled	1.3.6.1.4.1.2011.2.235.1.1.27.7.0	The state of authenticating NTP server. The value is disable(1) or enable(2).	INTEGER	read-write
ntpImportGroupkey	1.3.6.1.4.1.2011.2.235.1.1.27.8.0	The path of group key. Importing group key from this path.	DisplayString	read-write
ntpGroupkeyState	1.3.6.1.4.1.2011.2.235.1.1.27.9.0	The state of group key. The value is notimported(1) or imported(2).	INTEGER	read-only
ntpMinimumPollingInterval	1.3.6.1.4.1.2011.2.235.1.1.27.10.0	The minimum poll intervals for NTP messages, in seconds to the power of two. The value range is 3 to 17.	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
ntpMaximumPollingInterval	1.3.6.1.4.1.2011.2.235.1.1.27.11.0	The maximum poll intervals for NTP messages, in seconds to the power of two. The value range is 3 to 17.	INTEGER	read-write

5.25.2 Constraints on the Create Operation

The create operation is not supported.

5.25.3 Constraints on the Modify Operation

The modify operation is not supported.

5.25.4 Constraints on the Delete Operation

The delete operation is not supported.

5.25.5 Constraints on the Query Operation

The operations of get, getnext, walk, and getbulk are supported.

5.25.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following:

- **ntpEnabled:** 1-disabled; 2-enabled
- **preferredNTPServer:** IPv4 or IPv6 address or domain name. It is a string of 1 to 128 characters.
- **alternateNTPServer:** IPv4 or IPv6 address or domain name. It is a string of 1 to 128 characters.
- **ldapUserDomain:** a string of 1 to 255 characters.
- **ntpServersource:** 1-manual; 2-automatic
- **bindNTPIPPProtocol:** 1-IPv4; 2-IPv6
- **ntpAuthEnabled:** 1-disabled; 2-enabled
- **ntpImportGroupkey:** BMC local path. It is a string of 1 to 128 characters.
- **ntpGroupkeyState:** 1-disabled; 2-enabled
- **ntpMinimumPollingInterval:** The value is an integer ranging from 3 to 17
- **ntpMaximumPollingInterval:** The value is an integer ranging from 3 to 17

5.26 remoteManagement Specifications

5.26.1 Function Description

The **remoteManagement** table node allows you to view the remote server management power-on configuration.

The OID of the **remoteManagement** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwBMC(1).remoteManagement (28)

The following table describes the leaf nodes under the **remoteManagement** table node.

Node Name	Node OID Instance	Description	Type	Access
powerOnControl	1.3.6.1.4.1.2011.2.23 5.1.1.28.1.0	The powerOnControl format: IP,PORT,ENABLE(eg 192.168.1.1,6 999,1), maxlength is 255 characters.	Display String	read-write

5.26.2 Constraints on the Create Operation

The create operation is not supported.

5.26.3 Constraints on the Modify Operation

The modify operation is not supported.

5.26.4 Constraints on the Delete Operation

The delete operation is not supported.

5.26.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.26.6 Constraints on the Set Operation

The set operation is not supported.

5.27 snmpMIBConfig Specifications

5.27.1 Function Description

The **snmpMIBConfig** module allows you to view or configure SNMP information. Its subnode **snmpV3Algorithm** indicates authentication and encryption algorithms.

The OID of the **snmpMIBConfig** module is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).snmpMIBConfig (29)

The following table describes the leaf nodes under the **snmpMIBConfig** module.

Node Name	Node OID Instance	Description	Type	Access
snmpV3Algorithm	1.3.6.1.4.1.2011 .2.235.1.1.29.1.0	<p>Authentication and encryption algorithms for SNMPv3.</p> <p>The value is in the format of <i>Authentication algorithm</i> and <i>Encryption algorithm</i>.</p> <p>Options:</p> <ul style="list-style-type: none">• MD5andDES(1)• MD5andAES(2)• SHA1andDES(3)• SHA1andAES(4) <p> NOTE The SNMP server automatically restarts after the value is changed.</p>	Integer	read-write

5.27.2 Constraints on the Create Operation

The create operation is not supported.

5.27.3 Constraints on the Modify Operation

The modify operation is not supported.

5.27.4 Constraints on the Delete Operation

The delete operation is not supported.

5.27.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.27.6 Constraints on the Set Operation

The set operation is supported.

5.28 firmwareUpgrade Specifications

5.28.1 Function Description

The **firmwareUpgrade** module provides the firmware upgrade function. Its subnode **firmwareUpgradeStart** starts the upgrade, the subnode **firmwareUpgradeState** queries the upgrade status and progress, and the subnode **firmwareUpgradeDetailedResults** queries the detailed results of the upgrade.

The OID of the **firmwareUpgrade** module is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).firmwareUpgrade(30)

The following table describes the leaf nodes under the **firmwareUpgrade** module.

Node Name	Node OID Instance	Description	Type	Access
firmwareUpgradeStart	1.3.6.1.4.1.201 1.2.235.1.1.30. 1.0	<p>Starts a firmware upgrade.</p> <p>When you perform the set operation for this node, the value can contain a maximum of 256 characters, and is in the format of <i><firmware URI>,[effect mode]</i>.</p> <p>The firmware URI is in the format of <i>/Path/File</i>.</p> <p>The effect mode is optional, which is required during an iBMC upgrade. Its default value is 2, and its options are as follows:</p> <ul style="list-style-type: none">• 1: manually reboot later• 2: auto reboot after upgrade <p>For example, /tmp/image.hpm,1.</p> <p> NOTE</p> <ul style="list-style-type: none">• Do not power off the server or restart iBMC during the firmware upgrade.• If a firmware upgrade fails, check whether the iBMC memory capacity is sufficient and the upgrade file is correct.• During a BIOS upgrade, the system needs to make preparations for two minutes.• Do not shut down or restart the OS during a BIOS upgrade.• If OS is power on, the BIOS upgrade file is uploaded to BMC and take effect when OS is power-off or reseted next time.	DisplayString	read-write
firmwareUpgr	1.3.6.1.4.1.201 1.2.235.1.1.30.	Firmware upgrade status and progress.	Integer	read-write

Node Name	Node OID Instance	Description	Type	Access
adeState	2.0	Options: • -1: indicates that the upgrade has not started or has completed. • -2: indicates that the upgrade file is being uploaded. • -3: indicates that the system is performing a pre-upgrade check. • -4: indicates that the URI is invalid or the file does not exist. • -5: indicates that the upgrade file cannot be uploaded. • -6: indicates that the upgrade file is too large or the memory capacity is insufficient. • -7: indicates that the upgrade package is invalid. • -8: indicates that the firmware in the current state does not support the upgrade. • -9: indicates that the upgrade has failed. • -10: The upgrade file does not match the device to be upgraded. • -11: The BIOS upgrade fails because the ME status is not correct. • -12: Unknown error. • [0,100]: indicates the upgrade progress, in percentage.		
firmwareUpgradeDetailedResults	1.3.6.1.4.1.201 1.2.235.1.1.30. 3.0	Detailed results about firmware upgrade.	DisplayString	read-only

5.28.2 Constraints on the Create Operation

The create operation is not supported.

5.28.3 Constraints on the Modify Operation

The modify operation is not supported.

5.28.4 Constraints on the Delete Operation

The delete operation is not supported.

5.28.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.28.6 Constraints on the Set Operation

The set operation is supported.

5.29 certificate Specifications

5.29.1 Function Description

The **certificate** module allows you to manage certificates. This module has four submodules:

- **currentCertInfo**: provides information about the current certificate.
- **csrRequestInfo**: provides operations related to requesting a certificate.
- **customCertInsert**: provides operations related to importing a custom certificate.
- **caCertInfoTable**: provides information about CA certificates in a certificate chain.

The OID of the **currentCertInfo** module is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).certificate(31).currentCertInfo(1)

The following table describes the leaf nodes under the **currentCertInfo** module.

Node Name	Node OID Instance	Description	Type	Access
ownerCountry	1.3.6.1.4.1.2011.2.235.1.1 .31.1.1.0	Owner country of the current certificate. The value contains 2 characters.	DisplayString	read-only
ownerState	1.3.6.1.4.1.2011.2.235.1.1 .31.1.2.0	Owner state of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
ownerLocation	1.3.6.1.4.1.2011.2.235.1.1 .31.1.3.0	Owner location of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
ownerOrganization	1.3.6.1.4.1.2011.2.235.1.1 .31.1.4.0	Owner organization of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
ownerOrganizationUnit	1.3.6.1.4.1.2011.2.235.1.1 .31.1.5.0	Owner organization unit of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
ownerCommonName	1.3.6.1.4.1.2011.2.235.1.1 .31.1.6.0	Owner common name of the current certificate. The value contains 1 to 64	DisplayString	read-only

Node Name	Node OID Instance	Description	Type	Access
		characters.		
issuerCountry	1.3.6.1.4.1.2011.2.235.1.1 .31.1.7.0	Issuer country of the current certificate. The value can contain a maximum of two characters.	DisplayString	read-only
issuerState	1.3.6.1.4.1.2011.2.235.1.1 .31.1.8.0	Issuer state of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
issuerLocation	1.3.6.1.4.1.2011.2.235.1.1 .31.1.9.0	Issuer location of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
issuerOrganization	1.3.6.1.4.1.2011.2.235.1.1 .31.1.10.0	Issuer organization of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
issuerOrganization Unit	1.3.6.1.4.1.2011.2.235.1.1 .31.1.11.0	Issuer organization unit of the current certificate. The value contains 0 to 64 characters.	DisplayString	read-only
issuerCommonName	1.3.6.1.4.1.2011.2.235.1.1 .31.1.12.0	Issuer common name of the current certificate. The value contains 1 to 64 characters.	DisplayString	read-only
certStartTime	1.3.6.1.4.1.2011.2.235.1.1 .31.1.13.0	Start time of the current certificate.	DisplayString	read-only
certExpiration	1.3.6.1.4.1.2011.2.235.1.1 .31.1.14.0	Time when the current certificate will expire.	DisplayString	read-only

The OID of the **csrRequestInfo** module is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).certificate (31).csrRequestInfo(2)

The following table describes the leaf nodes under the **csrRequestInfo** module.

Node Name	Node OID Instance	Description	Type	Access
reqCountry	1.3.6.1.4.1.2011.2.235.1. 1.31.2.1.0	Owner country of the requested certificate. The value can contain a maximum of two characters, which can be any letters. The	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
		value is No Access if you do not have permission to perform this operation.		
reqState	1.3.6.1.4.1.2011.2.235.1.1.31.2.2.0	Owner state of the requested certificate. The value length ranges from 0 to 64 characters, including digits, letters, or symbol spaces. The value is No Access if you do not have permission to perform this operation.	DisplayString	read-write
reqLocation	1.3.6.1.4.1.2011.2.235.1.1.31.2.3.0	Owner location of the requested certificate. The value length ranges from 0 to 64 characters, including digits, letters, or symbol spaces. The value is No Access if you do not have permission to perform this operation.	DisplayString	read-write
reqOrganization	1.3.6.1.4.1.2011.2.235.1.1.31.2.4.0	Owner organization of the requested certificate. The value contains 0 to 64 characters, which can be digits, letters, spaces, and special characters such as hyphens (-) and underscores (_). The value is No Access if you do not have permission to perform this operation.	DisplayString	read-write
reqOrganizationUnit	1.3.6.1.4.1.2011.2.235.1.1.31.2.5.0	Owner organization unit of the requested certificate. The value contains 0 to 64 characters, which can be digits, letters, spaces, and special characters such as hyphens (-) and underscores (_). The value is No Access if you do not have permission to perform this operation.	DisplayString	read-write
reqCommonName	1.3.6.1.4.1.2011.2.235.1.1.31.2.6.0	Owner common name of the requested certificate. The value contains 1 to 64 characters, which can be digits, letters, spaces, and special characters such as hyphens (-) and underscores (_). The value is No Access if you do not have permission to perform this	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
		operation.		
csrGenerate	1.3.6.1.4.1.2011.2.235.1.1.31.2.7.0	<p>Starts to generate a CSR file for a requested certificate.</p> <p>A CSR file correlates with the server certificate applied from the CA organization. Do not generate a new CSR file before importing the server certificate. Otherwise, the original CSR file is overwritten by the new CSR file and cannot be recovered. You have to use the new CSR file to apply for a new server certificate from the CA organization.</p> <p>Option: csrGenerate(1)</p>	Integer	write-only
csrExport	1.3.6.1.4.1.2011.2.235.1.1.31.2.8.0	<p>Acquires the CSR for the requested certificate.</p> <p>The value is empty if the requested CSR does not exist.</p> <p>The value is No Access if you do not have permission to perform this operation.</p>	DisplayString	read-only
certificateImport	1.3.6.1.4.1.2011.2.235.1.1.31.2.9.0	Imports a server certificate and the server certificate must be in the .pem format.	DisplayString	write-only
csrStatus	1.3.6.1.4.1.201..2.235.1.1.31.2.10.0	<p>CSR file generation status.</p> <ul style="list-style-type: none"> • 1: CSR file generation has not started or has successfully completed. • 2: A CSR file is being generated. • 3: A CSR file fails to be generated. <p>The value is -1 you do not have permission to perform this operation.</p>	Integer	read-only

The OID of the **customCertInsert** module is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).certificate(31).customCertInsert(3)

The following table describes the leaf nodes under the **customCertInsert** module.

Node Name	Node OID Instance	Description	Type	Access
customCertificateContent	1.3.6.1.4.1.2011.2.23 5.1.1.31.3.1.0	Sets custom certificate content and the custom certificate must be in the .pfx format.	<i>DisplayString</i>	<i>write-only</i>
customCertificatePasswd	1.3.6.1.4.1.2011.2.23 5.1.1.31.3.2.0	Sets a password for a custom certificate, with max len 127.	<i>DisplayString</i>	<i>write-only</i>
customCertificateImport	1.3.6.1.4.1.2011.2.23 5.1.1.31.3.3.0	Imports a custom certificate. Option: customCertificateImport(1)	<i>Integer</i>	<i>write-only</i>

caCertInfoEntry is a part of **caCertInfoTable** module. The OID of **caCertInfoEntry** is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).certificate(31).caCertInfoTable(4).caCertInfoEntry(1)

Node Name	Node OID Instance	Description	Type	Access
caCertIndex	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.1	Information about certificate index.	INTEGER	read-only
caCertType	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.2	Information about certificate type	<i>DisplayString</i>	read-only
caCertOwnerCountry	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.3	Owner country of current certificate, with length of 2	<i>DisplayString</i>	read-only
caCertOwnerState	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.4	Owner state of current certificate, with length of [0,64].	<i>DisplayString</i>	read-only
caCertOwnerLocation	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.5	Owner location of current certificate, with length of [0,64].	<i>DisplayString</i>	read-only
caCertOwnerOrganization	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.6	Owner organization of current certificate, with length of [0,64].	<i>DisplayString</i>	read-only
caCertOwnerOrganizationUnit	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.7	Owner organization unit of current certificate, with length of [0,64].	<i>DisplayString</i>	read-only

Node Name	Node OID Instance	Description	Type	Access
caCertOwnerCommonName	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.8	Owner common name of current certificate, with length of [1,64].	DisplayString	read-only
caCertIssuerCountry	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.9	Issuer country of current certificate, with length of 2.	DisplayString	read-only
caCertIssuerState	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.10	Issuer state of current certificate, with length of [0,64].	DisplayString	read-only
caCertIssuerLocation	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.11	Issuer location of current certificate, with length of [0,64].	DisplayString	read-only
caCertIssuerOrganization	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.12	Issuer organization of current certificate, with length of [0,64].	DisplayString	read-only
caCertIssuerOrganizationUnit	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.13	Issuer organization unit of current certificate, with length of [0,64].	DisplayString	read-only
caCertIssuerCommonName	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.14	Issuer common name of current certificate, with length of [1,64].	DisplayString	read-only
caCertStartTime	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.15	Start time of current certificate.	DisplayString	read-only
caCertExpiration	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.16	Expiration of current certificate.	DisplayString	read-only
caCertSN	1.3.6.1.4.1.2 011.2.235.1. 1.31.4.1.17	Serial Number of current certificate.	DisplayString	read-only

5.29.2 Constraints on the Create Operation

The create operation is not supported.

5.29.3 Constraints on the Modify Operation

The modify operation is not supported.

5.29.4 Constraints on the Delete Operation

The delete operation is not supported.

5.29.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.29.6 Constraints on the Set Operation

The set operation is supported.

5.30 SDCardProperty Specifications

5.30.1 Function Description

SD card information includes single ID card presence, health status, properties, manufacturer, SN, controller manufacturer, and controller version.

The OID of **sdCardProperty** is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).SDCardProperty(32)

The following table describes the leaf nodes under the **sdCardProperty** node.

Node Name	Node OID Instance	Description	Type	Access
sdCardControllerManufacturer	1.3.6.1.4.1.2 011.2.235.1. 1.32.1.0	Information about sdcard controller manufacturer	DisplayString	read-only
sdCardControllerVersion	1.3.6.1.4.1.2 011.2.235.1. 1.32.2.0	Information about sdcard controller version	DisplayString	read-only
sdCardEntireStatus	1.3.6.1.4.1.2 011.2.235.1. 1.32.3.0	information about all sdcard health status. ok(1) minor(2) major(3) critical(4) absence(5) unknown(6)	INTEGER	read-only

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1). SDCardProperty
(32).SDCardDescriptionTable(50).SDCardDescriptionEntry(1)

Node Name	Node OID Instance	Description	Type	Access
sdCardIndex	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.1.x	Information about sd card index	INTEGER	not-accessible
sdCardPresence	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.2.x	Information about sd card presence. absence(1), presence(2) unknown(3)	INTEGER	read-only

Node Name	Node OID Instance	Description	Type	Access
sdCardStatus	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.3.x	Information about SD card health. ok(1), minor(2), major(3), critical(4), absence(5), unknown(6)	INTEGER	read-only
sdCardCapacity	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.4.x	sd card capacity(MB).	INTEGER	read-only
sdCardManufacturer	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.5.x	Information about SD card manufacturer	DisplayString	read-only
SDCardSN	1.3.6.1.4.1.2011.2.235.1 .1.32.50.1.6.x	Information about SD card SN	DisplayString	read-only

5.30.2 Constraints on the Create Operation

The create operation is not supported.

5.30.3 Constraints on the Modify Operation

The modify operation is not supported.

5.30.4 Constraints on the Delete Operation

The delete operation is not supported.

5.30.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.30.6 Constraints on the Set Operation

The set operation is not supported.

5.31 securityModuleProperty Specifications

5.31.1 Function Description

Security module information includes security module presence, specification type, specification version, manufacturer name, and manufacturer firmware version.

The OID of **securityModuleProperty** is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).securityModuleProperty(33)

The following table describes the leaf nodes under the **securityModuleProperty** node.

Node Name	Node OID Instance	Description	Type	Access
presence	1.3.6.1.4.1.2011.2.235.1.1.33.1.0	Presence of security module absence(1) presence(2) unknown(3)	INTEGER	read-only
specificationType	1.3.6.1.4.1.2011.2.235.1.1.33.2.0	Specification type of security module	DisplayString	read-only
specificationVersion	1.3.6.1.4.1.2011.2.235.1.1.33.3.0	Specification version of security module	DisplayString	read-only
manufacturerName	1.3.6.1.4.1.2011.2.235.1.1.33.4.0	Manufacturer name of security module	DisplayString	read-only
manufacturerVersion	1.3.6.1.4.1.2011.2.235.1.1.33.5.0	Manufacturer firmware version of security module	DisplayString	read-only

5.31.2 Constraints on the Create Operation

The create operation is not supported.

5.31.3 Constraints on the Modify Operation

The modify operation is not supported.

5.31.4 Constraints on the Delete Operation

The delete operation is not supported.

5.31.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.31.6 Constraints on the Set Operation

The set operation is not supported.

5.32 syslog Specifications

5.32.1 Function Description

The simple nodes of the **syslog** module allow you to view and set the syslog function status (enabled or disabled), syslog identifier, severity of syslogs to be sent, protocol type of syslog

to be sent, type of certificate authentication. The table node of the **syslog** module describes syslog information, and the leaf nodes allow you to view and set the syslog receiving status (enabled or disabled), address and port number for receiving syslogs, syslog source, and syslog test.

The OID of the **syslog** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).syslog(34)

The following table describes the leaf nodes in the **syslog** scalar table.

Node Name	Node OID Instance	Description	Type	Access
syslogEnable	1.3.6.1.4.1.2011.2 .235.1.1.34.1.0	Whether to enable the syslog function. Options: <ul style="list-style-type: none">• 1: disable(1)• 2: enable(2)	Integer	read-write
syslogIdentity	1.3.6.1.4.1.2011.2 .235.1.1.34.2.0	Server identity used for sending syslogs. <ul style="list-style-type: none">• boardSN(1)• productAssetTag(2)• hostName(3)	Integer	read-write
syslogSeverity	1.3.6.1.4.1.2011.2 .235.1.1.34.3.0	Level of syslogs to be sent. Options: <ul style="list-style-type: none">• 1: ok(1)• 2: minor(2)• 3: major(3)• 4: critical(4)• 5: none(5) <p>The default value is ok(1).</p>	Integer	read-write
syslogProtocol Type	1.3.6.1.4.1.2011.2 .235.1.1.34.4.0	The syslog protocol type. Default value is TCP. 1: udp(1) 2: tcp(2) 3: tls(3)	INTEGER	read-write
syslogProtocol Type	1.3.6.1.4.1.2011.2 .235.1.1.34.4.0	The syslog protocol type. Default value is TCP. 1: udp(1) 2: tcp(2) 3: tls(3)	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
syslogAuthType	1.3.6.1.4.1.2011.2.235.1.1.34.5.0	The syslog auth type. Default value is one way authentication. 1: one-way(1) 2: mutual(2)	INTEGER	read-write
syslogImportRootCertificate	1.3.6.1.4.1.2011.2.235.1.1.34.6.0	Import root certificate of the syslog server, write only. eg:/tmp/cacert.pem	Display String	read-write

The **syslogInfoDescriptionEntry** node describes the leaf nodes under the **syslogInfoDescriptionTable** table node. The OID of the **syslogInfoDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).syslog(34).syslogInfoDescriptionTable(50).syslogInfoDescriptionEntry(1)

The following table describes the leaf nodes under the **syslogInfoDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
syslogReceiveRIndex	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.1.x	Syslog receiver index.	Integer	not-accessible
syslogReceiveREnable	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.2.x	Options: • 1: disable(1) • 2: enable(2)	Integer	read-write
syslogReceiveRAddress	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.3.x	Syslog Receiver IPv4 or IPv6 address. The default value is empty.	Display String	read-write
syslogReceiveRPort	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.4.x	Syslog receiver port.	Integer	read-write
syslogSendSource	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.5.x	Source of syslogs to be sent. You can set or get any combination of the three sources (OperationLogs, SecurityLogs, EventLogs), which are separated by commas (,). None/all is also supported, but never	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
		use it with the three sources together.		
syslogReceiveTest	1.3.6.1.4.1.2011.2.235.1.1.34.50.1.6.x	Test whether syslog information can be received. When you perform the set operation, the value can only be 1 .	Integer	write-only

5.32.2 Constraints on the Create Operation

The create operation is not supported.

5.32.3 Constraints on the Modify Operation

The modify operation is not supported.

5.32.4 Constraints on the Delete Operation

The delete operation is not supported.

5.32.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.32.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- **syslogEnable**: The value is **1** (disabled) or **2** (enabled).
- **syslogIdentity**: The value can be **1** (boardSN), **2** (productAssetTag), or **3** (hostName).
- **syslogSeverity**: The value can be **1** (all events, including normal events), **2** (minor or more severe events), **3** (major or more severe events), or **4** (critical events), or **5**(none).
- **syslogProtocolType**: The value can be **1(udp)**,**2(tcp)**,**3(tls)**
- **syslogAuthType**: The value is **1**(one-way) or **2**(mutual).
- **syslogReceiverEnable**: The value is **1** (disabled) or **2** (enabled).
- **syslogReceiverAddress**: The value is an IPv4 or IPv6 address or empty.
- **syslogReceiverPort**: The value is an syslog server port number.
- **syslogSendSource**: The value can be any combination of the three sources (**OperationLogs**, **SecurityLogs**, **EventLogs** which are separated by commas (,). The value can also be set to none/all.
- **syslogReceiverTest**: The value has a fixed value of **1**.

5.33 fileTransfer Specifications

5.33.1 Function Description

The simple nodes of the **fileTransfer** module allow you to set a url to transfer file to BMC or transfer file from BMC. The table node of the **fileTransfer** module describes set url of transfer file and get transfer file status.

The OID of the **fileTransfer** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).syslog(35)

The following table describes the leaf nodes in the **fileTransfer** scalar table.

Node Name	Node OID Instance	Description	Type	Access
fileTransferUrl	1.3.6.1.4.1.2011.2 .235.1.1.35.1.0	<p>The file transfer URL format is: <download/upload><ID>< protocol://[username:password@]IP[:port]/directory /filename></p> <p>The maximum length of an scp URL is 256 bytes, and the maximum length of other protocol URLs is 2048 bytes.</p> <p>The parameters in the URL are described as follows:</p> <ul style="list-style-type: none">The download means download file to BMC.The upload means upload file to the destination serverThe ID is the file ID, ranging from 0 to 255.The supported protocols include https, sftp, cifs, scp, and nfs.The username and password are those of the destination server.The IP can be set to an IPv4/IPv6 address or a domain name.The directory and filename are those on the destination server. <p>Example URLs are as</p>	Display String	read-write

Node Name	Node OID Instance	Description	Type	Access
		<p>follows:</p> <p>download;0;https://root:tes t1234@192.168.2.13:443/ data/display0.ini</p> <p>upload;1;sftp://root:test12 34@[2001::178]/home/opt ions0.ini</p> <p>The URL can contain only letters, digits, and special characters. The directory or file name cannot contain @.</p>		
specificationTy pe	1.3.6.1.4.1.2011.2 .235.1.1.35.2.0	<p>Information about file transfer state.</p> <p>the value defined as:</p> <ul style="list-style-type: none"> -1 : unknown error, -101: download unavailable, -102: file name too long, -103: failed to obtain the file length, or the file length out of MAXlength or memory, -104: set file update flag error, -105: libcurl run error, -106: upload unavailable, -107: upload file unavailable, -108: protocol not supported, -109: url format error, <p>[0,100]:represents transfer progress in percentage while file being transferred.</p>	INTEG ER	read-only

5.33.2 Constraints on the Create Operation

The create operation is not supported.

5.33.3 Constraints on the Modify Operation

The modify operation is not supported.

5.33.4 Constraints on the Delete Operation

The delete operation is not supported.

5.33.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.33.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation of **fileTransferUrl**, pay attention to the url must contains download/upload,file ID and url of transfer file.The file ID is described as the follow table.

File ID	File Description	Download	Upload	User Privilege
0	bios display0.ini	Y	Y	KVM
1	bios option0.ini	Y	Y	KVM
2	bios changed0.ini	Y	Y	KVM
3	bmc debug info	N	Y	Security Mgmt
4	firmware	Y	N	Basic Mgmt
5	bios netconfig.ini	Y	Y	KVM
6	BMC SOL data	N	Y	Diagnosis
7	BMC black box data	N	Y	Diagnosis
8	bios ClpConfig.ini	N	Y	KVM
9	bios ClpResponse.ini	Y	N	KVM
11	BMC historical power consumption date	N	Y	Query
13	File containing the BMC SSH public keys	Y	N	Query
14	SSL server certificate	Y	N	Security Mgmt
15	BMC and BIOS configuration data to be imported or exported	Y	Y	User Mgmt
16	Server certificate CSR	N	Y	User Mgmt
18	LDAP server root certificate	Y	N	User Mgmt
19	Root certificate for dual-factor authentication	Y	N	User Mgmt
20	Client certificate for dual-factor	Y	N	User Mgmt

File ID	File Description	Download	Upload	User Privilege
	authentication			
21	Syslog server root certificate	Y	N	Security Mgmt
22	Syslog server client certificate	Y	N	Security Mgmt
24	File containing the NTP group private keys	Y	N	User Mgmt
25	bios registry.json	Y	Y	KVM
26	bios currentvalue.json	Y	Y	KVM
27	bios setting.json	Y	Y	KVM
28	bios result.json	Y	Y	KVM
29	Weak password dictionary	Y	Y	User Mgmt
33	SP firmware file	Y	Y	Basic Mgmt
35	System event logs	N	Y	Query
36	History power data	N	Y	Query
37	Operate log	N	Y	Security Mgmt
38	Run log	N	Y	Query
39	Security Log	N	Y	Security Mgmt
40	Power off video	N	Y	Diagnosis
41	OS reset video	N	Y	Diagnosis
42	CAT error video	N	Y	Diagnosis
43	License file	Y	Y	User Mgmt

NOTE:

- Download: download a file to the **/tmp** directory of the BMC without changing the file name.
- Upload: upload a file from the BMC to a specified directory. You can also change the file name in the destination directory.

5.34 raidControllerProperty Specifications

5.34.1 Function Description

The simple nodes of the RAID controller information, which include controller name, controller type, controller health state, controller firmware version, controller interface type, controller DDR ECC count, BBU type, etc.

The OID of raidControllerProperty table node is:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).raidControllerProperty(36)

raidControllerDescriptionEntry describes the compositions of raidControllerDescriptionTable. The OID of it is:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).raidControllerProperty(36).raidControllerDescriptionTable(50).raidControllerDescriptionEntry(1)

Note:x is index of RAID controller

Node Name	Node Instance OID	Description	Type	Access
raidControllerIndex	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.1.x	Information about RAID controller index.	INTEGER	not-accessible
raidControllerName	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.2.x	Information about RAID controller name.	DisplayString	read-only
raidControllerType	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.3.x	Information about RAID controller type.	DisplayString	read-only
raidControllerComponentName	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.4.x	Information about RAID controller component name.	DisplayString	read-only
raidControllerSupportOOBManagement	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.5.x	Information about RAID controller if support OOB management. 1: No 2: Yes	INTEGER	read-only
raidControllerMode	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.6.x	Information about RAID controller mode. 1: None-RAID 2: RAID 255: unknown	INTEGER	read-only
raidControllerHealthStatus	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.7.x	Information about RAID controller health status. 0: OK, 65535: Unknown, other values are as following definition,	INTEGER	read-only

Node Name	Node Instance	OID	Description	Type	Access
			bit0: 1- memory correctable error bit1: 1- memory uncorrectable error bit2: 1- memory ECC error bit3: 1- NVRAM uncorrectable error other: reserved		
raidControllerFwVersion	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.8.x		Information about RAID controller firmware version.	DisplayString	read-only
raidControllerNVDataVersion	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.9.x		Information about RAID controller NVData version.	DisplayString	read-only
raidControllerMemorySizeInMB	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.10.x		Information about RAID controller memory size (MB).	INTEGER	read-only
raidControllerDeviceInterface	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.11.x		Information about RAID controller device interface type.	INTEGER	read-only
raidControllerSASAddress	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.12.x		Information about RAID controller SAS address.	DisplayString	read-only
raidControllerCachePinned	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.13.x		Information about RAID controller if cache is pinned. 1: No 2: Yes 255: unknown	INTEGER	read-only
raidControllerMaintainPDFailHistory	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.14.x		Information about RAID controller if maintain PD fail history. 1: No 2: Yes 255: unknown	INTEGER	read-only
raidControllerDDR_ECC_Count	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.15.x		Information about RAID controller DDR ECC count.	INTEGER	read-only
raidControllerBBUPresence	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.16.x		Information about RAID controller's BBU presence. 1: Absent 2: Present 255: unknown	INTEGER	read-only
raidControllerBBUType	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.17.x		Information about RAID controller' BBU type.	DisplayString	read-only
raidControllerBBUHealthStatus	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.18.x		Information about RAID controller's BBU health status. bit0: 1 - pack is missing bit1: 1 - voltage is low	INTEGER	read-only

Node Name	Node Instance	OID	Description	Type	Access
			bit2: 1 - temperature is high bit3: 1 - need replace pack other: reserved		
raidControllerMinStripSupportInBytes		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.19.x	Information about the minimum strip size that RAID controller support.	INTEGER	read-only
raidControllerMaxStripSupportInBytes		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.20.x	Information about the maximum strip size that RAID controller support.	INTEGER	read-only
raidControllerCopybackEnable		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.21.x	Information about the copyback state of RAID controller. 1: unknown(readonly) 2: disabled 3: enabled	INTEGER	read-write
raidControllerSMARTerCopybackEnable		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.22.x	Information about the copyback state on SMART error of RAID controller. 1: unknown(readonly) 2: disabled 3: enabled	INTEGER	read-write
raidControllerJBODEnable		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.23.x	Information about the JBOD state of RAID controller. 1: unknown(readonly) 2: disabled 3: enabled	INTEGER	read-write
raidControllerRestoreSettings		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.24.x	Restore RAID controller settings(write only). 1:restore settings others: invalid	INTEGER	read-write
raidControllerCreateLD		1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.25.x	Create new logical drive on this RAID controller. The arguments are seperated by semicolons; rl=<RAID level> The RAID level of logical drive. It is mandatory. When 'cache=1' is specified, RAID level 0/1 is valid. r0: RAID0 r1: RAID1 r5: RAID5 r6: RAID6 r10: RAID10	DisplayString	read-write

Node Name	Node Instance	OID	Description	Type	Access
			<p>r50: RAID50 r60: RAID60</p> <p>pd=<PD IDs> The physiacl drives IDs which participate this logical drive. It is mandatory.</p> <p>name=<Logical Drive name> The name of logical drive. The maximum is 15 printable ASCII characters except ';'. It is optional.</p> <p>size=<Logical Drive size> The size of logcial drive and unit can be 'm'(megabytes), 'g'(gigabytes), or 't'(terabytes). It is optional and not necessary when 'cachecade=1' is specified.</p> <p>ss=<Logical Drive strip size> The strip size of logical drive. The valid values are 64k,128k,256k,512k,1M. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>sc= The span count of logical drive. The default is 1 when RAID level is RAID0/1/5/6 and 2 when RAID level is RAID10/50/60. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>rp=<Read Policy> The read policy of logical drive. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>ra: Read Ahead nra: No Read Ahead</p> <p>wp=<Write Policy> The write policy of logical drive. It is optional.</p> <p>wt: Write Through wbwithbbu: Write Back with BBU wb: Write Back</p> <p>iop=<IO Policy> The IO policy of logical drive. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>cio: Cached IO dio: Direct IO</p> <p>ap=<Access Policy> The access policy of logical drive. It is optional and not necessary when 'cachecade=1'</p>		

Node Name	Node Instance	OID	Description	Type	Access
			<p>is specified.</p> <p>rw: Read Write</p> <p>ro: Read only</p> <p>blocked: Blocked</p> <p>dcp=<Disk Cache Policy> The disk cache policy of logical drive. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>enabled: Enable disk cache</p> <p>disabled: Disable disk cache</p> <p>default: Unchanged(Disk's default)</p> <p>init=<Init Type> The initialization type of logical drive. It is optional and not necessary when 'cachecade=1' is specified.</p> <p>none: No init</p> <p>quick: Quick init</p> <p>full: Full init</p> <p>cachecade=1: Logical drive is used for secondary cache. It is optional. It must be supported by RAID controller first.</p>		
raidControllerA ddLD	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.26.x		<p>Add logical drive on array on this RAID controller. The arguments are separated by semicolons;</p> <p>array=<Array ID> The array on which the logical drive will be added. It is mandatory.</p> <p>name=<Logical Drive name> The name of logical drive and maximum is 15 printable ASCII characters except ‘;’. It is optional.</p> <p>size=<Logical Drive size> The size of logical drive and unit can be ‘m’(megabytes), ‘g’(gigabytes), or ‘t’(terabytes). It is optional.</p> <p>ss=<Logical Drive strip size>, The strip size of logical drive. The valid values are 64k,128k,256k,512k,1M. It is optional.</p> <p>rp=<Read Policy> The read policy of logical drive. It is optional.</p> <p>ra: Read Ahead</p> <p>nra: No Read Ahead</p> <p>wp=<Write Policy> The write policy</p>	DisplayString	read-write

Node Name	Node Instance	OID	Description	Type	Access
			of logical drive. It is optional. wt: Write Through wbwithbbu: Write Back with BBU wb: Write Back iop=<IO Policy> The IO policy of logical drive. It is optional. cio: Cached IO dio: Direct IO ap=<Access Policy> The access policy of logical drive. It is optional. rw: Read Write ro: Read only blocked: Blocked dcp=<Disk Cache Policy> The disk cache policy of logical drive. It is optional. enabled: Enable disk cache disabled: Disable disk cache default: Unchanged(Disk's default) init=<Init Type> The initialization type of logical drive. It is optional. none: No init quick: Quick init full: Full init		
raidControllerD riverName	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.27.x		Information about RAID controller driver name.	DisplayString	read-only
raidControllerD riverVersion	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.28.x		Information about RAID controller driver version	DisplayString	read-only
raidControllerS upportedRAID Levels	1.3.6.1.4.1.2011.2.2 35.1.1.36.50.1.29.x		Information about RAID controller supported levels.	DisplayString	read-only

5.34.2 Constraints on the Create Operation

The create operation is not supported.

5.34.3 Constraints on the Modify Operation

The modify operation is not supported.

5.34.4 Constraints on the Delete Operation

The delete operation is not supported.

5.34.5 Constraints on the Query Operation

The operations of get, walk, get next, and get bulk are supported.

5.34.6 Constraints on the Set Operation

The set operation is supported.

raidControllerCopybackEnable: The values that can be set are disabled(2), enabled(3).

raidControllerSMARTerCopybackEnable: The values that can be set are disabled(2), enabled(3). It can be set only when raidControllerCopybackEnable is enabled.

raidControllerJBODEnable: The values that can be set are disabled(2), enabled(3).

raidControllerRestoreSettings: The value that can be set is restore(1).

raidControllerCreateLD: Create logical drive on free physical drives. The argument is string and the format refers to OID description. The example is,

```
rl=1;pd=1,2;name=example;size=100g:ss=256k;sc=1;rp=ra;wp=wb;iop=cio;ap=rw;dcp=enabled;init=quick;
```

or

```
rl=50;pd=1,2,3,4,5,6,7,8,9;name=example; size=500g;  
ss=1M;sc=3;rp=ra;wp=wb;iop=cio;ap=rw;dcp=enabled;init=quick;
```

or

```
rl=0;pd=1,2;name=example;wp=wb;cachecade ;
```



NOTE

Character ‘;’ is not valid for name string because it is used as separator.

raidControllerAddLD: Add logical drive on exist disk array. The argument is string and the format refers to OID description. The example is,

```
array=1;name=example;size=100g:ss=512k;rp=ra;wp=wb;iop=cio;ap=rw;dcp=enabled;init=quick;
```



NOTE

Character ‘;’ is not valid for name string because it is used as separator.

5.35 logicalDriveProperty Specifications

5.35.1 Function Description

The simple nodes of the RAID controller information, which include RAID level, logical drive state, read policy, write policy, stripe size, logical drive size, consistency check state, etc.

The OID of logicalDriveProperty table node is:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).logicalDriveProperty(37)

logicalDriveDescriptionEntry describe the compositions of logicalDriveDescriptionTable. The OID of it is:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).logicalDriveProperty(37).logicalDriveDescriptionTable(50).logicalDriveDescriptionEntry(1)

Note:x is index of logical drive

Node Name	Node OID Instance	Description	Type	Access
logicalDrive RAIDControllerIndex	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.1.x	Information about RAID controller index to which this logical drive belongs.	INTEGER	not-accessible
logicalDrive Index	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.2.x	Information about logical drive index in current RAID controller.	INTEGER	not-accessible
logicalDrive RAIDLevel	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.3.x	Information about logical drive RAID level.	DisplayString	read-only
logicalDrive State	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.4.x	Information about logical drive state. 1: Offline 2: Partial degraded 3: Degraded 4: Optimal 255: unknown	INTEGER	read-only
logicalDrive DefaultReadPolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.5.x	Information about logical drive default read policy. 1: No read ahead 2: Read ahead 255: unknown	INTEGER	read-write
logicalDrive DefaultWritePolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.6.x	Information about logical drive default write policy. 1: Write through 2: Write back 3: Write caching ok if bad BBU 255: unknown	INTEGER	read-write
logicalDrive	1.3.6.1.4.1.2011.2.	Information about	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
DefaultIOPolicy	235.1.1.37.50.1.7.x	logical drive default cache policy. 1: Cached IO 2: Direct IO 255: unknown		
logicalDriveCurrentReadPolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.8.x	Information about logical drive current read policy. 1: No read ahead 2: Read ahead 255: unknown	INTEGER	read-only
logicalDriveCurrentWritePolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.9.x	Information about logical drive current write policy. 1: Write through 2: Write back 3: Write caching ok if bad BBU 255: unknown	INTEGER	read-only
logicalDriveCurrentIOPolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.10.x	Information about logical drive current cache policy. 1: Cached IO 2: Direct IO 255: unknown	INTEGER	read-only
logicalDriveSpanDepth	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.11.x	Information about logical drive span depth.	INTEGER	read-only
logicalDriveNumDrivePerSpan	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.12.x	Information about logical drive number of drives per span.	INTEGER	read-only
logicalDriveStripeSizeInBytes	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.13.x	Information about logical drive stripe size in bytes.	INTEGER	read-only
logicalDriveStripeSizeInMB	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.14.x	Information about logical drive stripe size in mega-bytes.	INTEGER	read-only
logicalDriveSizeInMB	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.15.x	Information about logical drive size (MB).	INTEGER	read-only
logicalDrive	1.3.6.1.4.1.2011.2.	Information about	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
DiskCachePolicy	235.1.1.37.50.1.16.x	logical drive disk cache state. 1: Disk's default 2: Enabled 3: Disabled 255: unknown		
logicalDrive Consistency CheckStatus	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.17.x	Information about logical drive consistency check status. 1: Stopped 2: In-progress 255: unknown	INTEGER	read-only
logicalDrive Bootable	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.18.x	Information about logical drive if it is bootable. 1: No 2: Yes 255: unknown	INTEGER	read-write
logicalDrive Name	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.19.x	Information about logical drive name.	DisplayString	read-write
logicalDrive AccessPolicy	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.20.x	Information about logical drive access policy. 1: Unknown 2: Read Write 3: Read Only 4: Blocked 5: Hidden	INTEGER	read-write
logicalDrive InitState	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.21.x	Information about logical drive init state. 1: Unknown 2: No Init 3: Quick Init 4: Full Init	INTEGER	read-only
logicalDrive BGIEnable	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.22.x	Information about logical drive BGI state. 1: Unknown 2: Disabled	INTEGER	read-write

Node Name	Node OID Instance	Description	Type	Access
		3: Enabled		
logicalDrive IsSSCD	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.23.x	Information about logical drive if it is used for secondary cache. 1: unknown 2: no 3: yes	INTEGER	read-only
logicalDrive SSCDCachingEnable	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.24.x	Information about logical drive SSCD caching state if it is not used for secondary cache. 1: unknown 2: disabled 3: enabled	INTEGER	read-write
logicalDrive AssociatedLDs	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.25.x	Information about logical drive associated logical drives IDs seperated by commas if it is used for secondary cache.	DisplayString	read-only
logicalDrive DedicatedSparePD	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.26.x	Information about logical drive dedicated hot spare physical drives IDs seperated by commas.	DisplayString	read-only
logicalDrive Delete	1.3.6.1.4.1.2011.2.235.1.1.37.50.1.27.x	Delete logical drive. 1: delete	INTEGER	read-write

5.35.2 Constraints on the Create Operation

The create operation is not supported.

5.35.3 Constraints on the Modify Operation

The modify operation is not supported.

5.35.4 Constraints on the Delete Operation

The delete operation is not supported.

5.35.5 Constraints on the Query Operation

The operations of get, walk, get next, and get bulk are supported.

5.35.6 Constraints on the Set Operation

The set operation is supported.

logicalDriveDefaultReadPolicy: The values can be set are no-read-ahead(1), read-ahead(2). Set action is not available when logical drive is used for secondary cache (logicalDriveIsSSCD = Yes).

logicalDriveDefaultWritePolicy: The values can be set are write-through(1), write-back-with-bbu(2), write-back(3). The option value write-back(3) is not settable when logical drive is used for secondary cache(logicalDriveIsSSCD = Yes).

logicalDriveDefaultIOPolicy: The values can be set are cached-IO(1), direct-IO(2). Set action is not available when logical drive is used for secondary cache(logicalDriveIsSSCD = Yes).

logicalDriveDiskCachePolicy: The values can be set are disk-default(1), enabled(2), disabled(3). Set action is not available when logical drive's participated physical drives are SSD.

logicalDriveBootable: The value can be set is yes(2).



NOTE

- CacheCascade logical drive can't be set as bootable drive.
- Normal logical drive(not cascade) during offline state can be set bootable successfully, but readback value of logicalDriveBootable is still 'No' unless change the logical drive state to online.

logicalDriveName: The type is string and maximum is 15 ASCII characters(space and visible characters).

logicalDriveAccessPolicy: The values can be set are read-write(2), read-only(3), blocked(4). Set action is not available when logical drive is used for secondary cache(logicalDriveIsSSCD = Yes).

logicalDriveBGIEnable: The values can be set are disabled(2), enabled(3). Set action is not available when logical drive is used for secondary cache(logicalDriveIsSSCD = Yes).

logicalDriveSSCDCachingEnable: The values can be set are disabled(2), enabled(3). Set action is not available when logical drive's participated physical drives are SSD.

logicalDriveDelete: The value can be set is delete(1).

5.36 diskArrayProperty Specifications

5.36.1 Function Description

The information of disk array includes array ID, used space, free space, logical drives count, logical drives ID, physical drives, physical drives ID.

The OID of diskArrayProperty table node is

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).diskArrayProperty(39)

diskArrayDescriptionEntry describes the consist of diskArrayDescriptionTable, the OID is iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).diskArrayProperty(39).diskArrayDescriptionTable(50).diskArrayDescriptionEntry(1)

note:x is index of disk array.

Node Name	Node OID Instance	Description	Type	Access
diskArrayRAIDControllerIndex	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.1.x	Information about RAID controller index to which this disk array belongs.	INTEGER	not-accessible
diskArrayIndex	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.2.x	Information about disk array index in current RAID controller.	INTEGER	not-accessible
diskArrayUsedSpaceInMB	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.3.x	Information about the used space in MB of disk array.	INTEGER	read-only
diskArrayFreeSpaceInMB	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.4.x	Information about the free space in MB of disk array.	INTEGER	read-only
diskArrayLogicalDriveCount	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.5.x	Information about logical drive count in the disk array.	INTEGER	read-only
diskArrayLogicalDriveID	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.6.x	Information about logical drive IDs in the disk array, seperated by commas.	DisplayString	read-only
diskArrayPhysicalDriveCount	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.7.x	Information about physical drive count in the disk array.	INTEGER	read-only
diskArrayPhysicalDriveID	1.3.6.1.4.1.2011.2.235.1.1.39.50.1.8.x	Information about physical drive IDs in the disk array, seperated by commas.	DisplayString	read-only

5.36.2 Constraints on the Create Operation

The create operation is not supported.

5.36.3 Constraints on the Modify Operation

The modify operation is not supported.

5.36.4 Constraints on the Delete Operation

The delete operation is not supported.

5.36.5 Constraints on the Query Operation

The operations of get, getnext, walk, and getbulk are supported.

5.36.6 Constraints on the Set Operation

The set operation is not supported.

5.37 remoteControl Specifications

5.37.1 Function Description

The **remoteControl** table node allows you to view and set server remote control information, including the local KVM state.

The OID of the **remoteControl** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).remoteControl (40)

The following table describes the leaf nodes under the **remoteControl** table node.

Node Name	Node OID Instance	Description	Type	Access
localKVMState	1.3.6.1.4.1.2011.2.23 5.1.1.40.1.0	Local KVM display state. disable 1, enable 2. Default value is enable(2)	INTEGER	read-write

5.37.2 Constraints on the Create Operation

The create operation is not supported.

5.37.3 Constraints on the Modify Operation

The modify operation is not supported.

5.37.4 Constraints on the Delete Operation

The delete operation is not supported.

5.37.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.37.6 Constraints on the Set Operation

The set operation is supported.

5.38 twoFactorAuthentication Specifications

5.38.1 Function Description

The **twoFactorAuthentication** module allows you to view or configure two-factor authentication information, including root certificate management and client certificate management.

The OID of the **twoFactorAuthentication** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).twoFactorAuthentication(41)

Node Name	Node OID Instance	Description	Type	Access
twoFactorAuthenticationEnable	1.3.6.1.4.1.2011.2.235.1.1.41.1	The enable state of two-factor authentication. disable 1, enable 2. Default value is disable(1).	INTEGER	read-write
twoFactorAuthenticationRevocationCheck	1.3.6.1.4.1.2011.2.235.1.1.41.2	The enable state of certificate revocation check. disable 1, enable 2. Default value is disable(1).	INTEGER	read-write

The **rootCertificateDescriptionEntry** node describes the leaf nodes under the **rootCertificateDescriptionTable** table node. The OID of the **rootCertificateDescriptionEntry** node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).twoFactorAuthentication(41).rootCertificateDescriptionTable(50).rootCertificateDescriptionEntry(1)

The following table describes the leaf nodes under the **rootCertificateDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
rootCertificateIndex	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.1		INTEGER	not-accessible
rootCertificateIssued To	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.2	root certificate subject.	DisplayString	read-only
rootCertificateIssued By	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.3	root certificate issuer.	DisplayString	read-only
rootCertificateValid From	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.4	root certificate valid start date.	DisplayString	read-only
rootCertificateValid To	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.5	root certificate valid end date.	DisplayString	read-only
rootCertificateSerial Number	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.6	root certificate serial number.	DisplayString	read-only
rootCertificateImport	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.7	Import root certificate, write only. eg:/tmp/cacert.pem	DisplayString	read-write
rootCertificateDelete	1.3.6.1.4.1.2011.2.235.1.1.41.50.1.8	Information about delete root certificate.	INTEGER	read-write

The **clientCertificateDescriptionEntrynode** describes the leaf nodes under the **clientCertificateDescriptionTabletable** node. The OID of the **clientCertificateDescriptionEntrynode** is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).twoFactorAuthentication(41).rootCertificateDescriptionTable(51).rootCertificateDescriptionEntry(1)

The following table describes the leaf nodes under the **clientCertificateDescriptionTabletable** table node.

Node Name	Node OID Instance	Description	Type	Access
clientCertificateIndex	1.3.6.1.4.1.2011.2.235.1.1.41.51.1.1		INTEGER	not-accessible
clientCertificateFingerPrint	1.3.6.1.4.1.2011.2.235.1.1.41.51.1.2	The client certificate finger print.	DisplayString	read-only
clientCertificateImport	1.3.6.1.4.1.2011.2.235.1.1.41.51.1.3	Import client certificate, write only. eg:/tmp/clientcert.pem	DisplayString	read-write

Node Name	Node OID Instance	Description	Type	Access
clientCertificateDelete	1.3.6.1.4.1.2011.2.235.1.1.41.51.1.4	Information about delete client certificate.one of the following:(delete(1)).	INTEGER	read-write

5.38.2 Constraints on the Create Operation

The create operation is not supported.

5.38.3 Constraints on the Modify Operation

The modify operation is not supported.

5.38.4 Constraints on the Delete Operation

The delete operation is not supported.

5.38.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.38.6 Constraints on the Set Operation

When performing the set operation, pay attention to the following nodes:

- twoFactorAuthenticationEnable: The value is **1** (disabled) or **2** (enabled).
- twoFactorAuthenticationRevocationCheck: The value is **1** (disabled) or **2** (enabled)

5.39 configuration Specifications

5.39.1 Function Description

The **configuration** table node allows you to import and export BMC , BIOS and RAID Controller configuration and query import and export status (import and export progress and error information).

The OID of the **configuration** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).configuration (42)

The following table describes the leaf nodes in the **configuration** scalar table.

Node Name	Node OID Instance	Description	Type	Access
exportconfig	1.3.6.1.4.1.2011.2.235.1 .1.42.1.0	Start to export BMC , BIOS and RAID Controller configuration.The input value is file path or URL.	DisplayString	read-write
importconfig	1.3.6.1.4.1.2011.2.235.1 .1.42.2.0	Start to import BMC , BIOS and RAID Controller configuration.The input value is file path or URL.	DisplayString	read-write
configprogress	1.3.6.1.4.1.2011.2.235.1 .1.42.3.0	Query import/export configuration state.The return value is percentage of importing/exporting configuration.	DisplayString	read-only
configerrorinfo	1.3.6.1.4.1.2011.2.235.1 .1.42.4.0	Query error information of importing/exporting configuration.	DisplayString	read-only

5.39.2 Constraints on the Create Operation

The create operation is not supported.

5.39.3 Constraints on the Modify Operation

The modify operation is not supported.

5.39.4 Constraints on the Delete Operation

The delete operation is not supported.

5.39.5 Constraints on the Query Operation

The get, getnext, walk, and getbulk operations are supported.

5.39.6 Constraints on the Set Operation

The set operation is supported.

When performing the set operation, pay attention to the following nodes:

- exportconfigstart: local BMC path or remote server URL
importconfigstart: local BMC path or remote server URL

5.40 businessPortProperty Specifications

5.40.1 Function Description

The **businessPortProperty** module allows you to view netcard business port information of a server. **businessPortDescriptionTable** is a table node, and its subnode **businessPortIndex**, **businessPortSilkNum**, **businessPortLocation**, **businessPortLinkStatus**, **businessPortMacAddr**, **businessPortBDF** are leaf nodes.

The OID of the **businessPortDescriptionTable** table node is as follows:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).huawei(2011).products(2).hwServer(235).hwBMC(1).hwiBMC(1).netCardProperty(43).netCardDescriptionTable(50)

The following table describes the leaf nodes under the **netCardDescriptionTable** table node.

Node Name	Node OID Instance	Description	Type	Access
businessPortIndex	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.1.x	Information about business port logical resource index within all net card.	Integer	not-accessible
businessPortSilkNum	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.2.x	Net card physical location.	Integer	read-only
businessPortLocation	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.3.x	Information about business port silk number within a net card.	DisplayString	read-only
businessPortLinkStatus	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.4.x	Business port link status.	DisplayString	read-only
businessPortMacAddr	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.5.x	Business port MAC address.	DisplayString	read-only
businessPortBDF	1.3.6.1.4.1.2011.2.235.1.1.43.50.1.6.x	Business port BDF.	DisplayString	read-only

5.40.2 Constraints on the Create Operation

The create operation is not supported.

5.40.3 Constraints on the Modify Operation

The modify operation is not supported.

5.40.4 Constraints on the Delete Operation

The delete operation is not supported.

5.40.5 Constraints on the Query Operation

The get, walk, get next, and get bulk operations are supported.

5.40.6 Constraints on the Set Operation

The set operation is not supported.

6 Specifications of Traps in OID Mode

This chapter describes OID specifications for SNMP trap alarms.

Each OID corresponds to a type of alarm. You can select to-be-bound variables for each alarm from the following ones, depending on the alarm type:

Variable name	Variable description
hwTrapSeq	Event sequence number
hwTrapSensorName	Event sensor name
hwTrapEvent	Event description
hwTrapSeverity	Event severity
hwTrapEventCode	Event code
hwTrapEventDate2	Event date 2
hwTrapEventDate3	Event date 3
hwTrapSeverIdentity	Sever identity of event
hwTrapLocation	Sever location of event
hwTrapTime	Time of event generated

The value of **hwTrapSeverity** can be **ok(1)**, **minor(2)**, **major(3)**, or **critical(4)**.

The following sections list the values of **hwTrapSeverity** and **hwTrapEventCode** of each alarm for your reference.

Deassert alarms in the following sections are clear alarms. For system events that do not have clear alarms, configure the alarms to be cleared during board power-off. The ID of an asset event reported during board power-off is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.17. For details, see section 6.19.2 "hwFirmwareChange."

6.1 hwOEM

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1.1.

Object	Bound Variables	Description	Status	Severity	Event Code
hwOEMEvent	1: hwTrapSeq 2: hwTrapEvent 3: hwTrapSeverity 4: hwTrapEventData2 5: hwTrapEventData3 6: hwTrapSeverIdentity 7: hwTrapLocation 8: hwTrapTime	Huawei OEM event	Current	OK	0xFFFFFFFF

6.2 hwPhysicalSecurity

6.2.1 hwChassisIntrusion

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.5.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisIntrusion	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: 9: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	General Chassis Intrusion	Current	OK	0x0500FFFF

6.2.2 hwChassisIntrusionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.5.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisIntrusionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	General Chassis Intrusion Deassert	Current	OK	0x0580FFFF

6.3 hwCPU

6.3.1 hwCPUCATError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.1.

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCATError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU CAT error	Current	Critical	0x0700FFFF

6.3.2 hwCPUCATErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.2.

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCATErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU CAT error deassert	Current	Critical	0x0780FF FF

6.3.3 hwCPUThermalTrip

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.17.

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUThermalTrip	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU thermal trip	Current	Critical	0x0701FF FF

6.3.4 hwCPUThermalTripDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUThermalTripDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU thermal trip deassert	Current	Critical	0x0781FFF F

6.3.5 hwCPUSelfTestFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUSelfTestFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU FRB1/BIST failure	Current	Critical	0x0702FFFF

6.3.6 hwCPUSelfTestFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.34.

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUSelfTestFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU FRB1/BIST failure deassert	Current	Critical	0x0782FFFF

6.3.7 hwCPUCfgError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCfgError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU configure error	Current	Critical	0x0705FFFF

6.3.8 hwCPUCfgErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.82

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCfgErr orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU configure error deassert	Current	Critical	0x0785FFFF

6.3.9 hwCPUPresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUPresence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Presence	Current	OK	0x0707FFFF

6.3.10 hwCPUPresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUPresenceDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Presence deassert	Current	OK	0x0787FFFF

6.3.11 hwCPUOffline

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOffline	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU offline	Current	OK	0x0708FFFF

6.3.12 hwCPUOfflineDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOfflineDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU offline deassert	Current	OK	0x0788FFFF

6.3.13 hwCPUMCE

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.177

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMCE	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU MCE occurred	Current	Critical	0x070BFFFF

6.3.14 hwCPUMCDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.178

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMCEDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU MCE deassert	Current	Critical	0x078BFFF F

6.3.15 hwVMSELinkFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.193

Object	Bound Variables	Description	Status	Severity	Event Code
hwVMSELinkFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMSE link failure in mirror mode	Current	OK	0x070CFFF F

6.3.16 hwVMSELinkFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.7.194

Object	Bound Variables	Description	Status	Severity	Event Code
hwVMSELinkFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMSE link failure in mirror mode deassert	Current	OK	0x078CFFFF

6.4 hwPowerSupply

6.4.1 hwPowerSupplyFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply Fault	Current	Major	0x0801FFF F

6.4.2 hwPowerSupplyFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply Fault Deassert	Current	Major	0x0881FF FF

6.4.3 hwPowerSupplyPredictiveFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyPredictiveFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply Predictive Failure	Current	Critical	0x0802FFF F

6.4.4 hwPowerSupplyPredictiveFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyPredictiveFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply Predictive Failure Deassert	Current	Critical	0x0882FFFF

6.4.5 hwPowerSupplyInputLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyInputLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply input lost	Current	Critical	0x0803FFF F

6.4.6 hwPowerSupplyInputLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyInputLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power Supply input lost Deassert	Current	Critical	0x0883FFFF

6.4.7 hwPowerSupplyACLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyACLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	AC lost or out-of-range	Current	Critical	0x0804FFFF

6.4.8 hwPowerSupplyACLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.8.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerSupplyACLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	AC lost or out-of-range Deassert	Current	Critical	0x0884FFFF

6.5 hwMemory

6.5.1 hwCorrectableECC

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwCorrectableECC	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory correctable ECC error occurred	Current	Minor	0x0C00FFFF

6.5.2 hwCorrectableECCDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwCorrectableECCDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory correctable ECC error deassert	Current	Minor	0x0C80FF FF

6.5.3 hwUncorrectableECC

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwUncorrectableECC	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory uncorrectable ECC error occurred	Current	Critical	0x0C01FF FF

6.5.4 hwUncorrectableECCDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwUncorrectableECCDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory uncorrectable ECC error deassert	Current	Critical	0x0C81FFF F

6.5.5 hwMemoryECCLimitation

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryECC Limitation	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory correctable ECC logging limit reached detected	Current	Critical	0x0C05FFF F

6.5.6 hwMemoryECCLimitationDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.82

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryECCLimitationDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory correctable ECC logging limit reached deassert	Current	Critical	0x0C85FF FF

6.5.7 hwMemoryPresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryPresence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory presence detected	Current	OK	0x0C06FF FF

6.5.8 hwMemoryPresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryPresenceDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory presence deassert	Current	OK	0x0C86F FFF

6.5.9 hwMemoryCfgError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCfgError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory config error detected	Current	Critical	0x0C07FFF F

6.5.10 hwMemoryCfgErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCfgErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory config error deassert	Current	Critical	0x0C87FF FF

6.5.11 hwMemorySpare

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemorySpare	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory spare detected	Current	OK	0x0C08FF FF

6.5.12 hwMemorySpareDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemorySpareDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory spare deassert	Current	OK	0x0C88FF FF

6.5.13 hwMemoryOvertemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.161

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOvertemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory overtemperature detected	Current	Major	0x0C0AFF FF

6.5.14 hwMemoryOvertempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.12.162

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOvertemp Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	memory overtemperature deassert	Current	Major	0x0C8A FFFF

6.6 hwStorageDevice

6.6.1 hwStorageDevicePresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDevicePresence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapServerIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device presence detected	Current	OK	0x0D00FFF

6.6.2 hwStorageDevicePresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDevicePresenceDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapServerIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device presence deassert	Current	OK	0x0D80FFF

6.6.3 hwStorageDeviceFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDeviceFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device fault detected	Current	Major	0x0D01FFF

6.6.4 hwStorageDeviceFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDeviceFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device fault deassert	Current	Major	0x0D81FFF

6.6.5 hwStorageDevicePredictiveFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDevicePredictiveFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device predictive failure	Current	Minor	0x0D02FF FF

6.6.6 hwStorageDevicePredictiveFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwStorageDevicePredictiveFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Storage device predictive failure deassert	Current	Minor	0x0D82FF FF

6.6.7 hwRAIDArrayFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDArrayFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID array fail detected	Current	Major	0x0D06FFF

6.6.8 hwRAIDArrayFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDArrayFail Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5:hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID array fail deassert	Current	Major	0x0D86FFF

6.6.9 hwRAIDRebuild

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDRebuild	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID rebuild detected	Current	OK	0x0D07FFFF

6.6.10 hwRAIDRebuildDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDRebuild Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID rebuild deassert	Current	OK	0x0D87FFF F

6.6.11 hwRAIDRebuildAborted

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDRebuildAborted	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID rebuild aborted detected	Current	Major	0x0D08FFFF

6.6.12 hwRAIDRebuildAbortedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.13.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDRebuildAbortedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID rebuild aborted deassert	Current	Major	0x0D88FFF F

6.7 hwSysFwProgress

6.7.1 hwSystemFirmwareHang

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemFirmwareHang	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System firmware hang	Current	Critical	0x0F01FFFF

6.7.2 hwSystemFirmwareHangDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemFirmwareHangDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System firmware hang deassert	Current	Critical	0x0F81FFF F

6.7.3 hwPS2USBFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.1793

Object	Bound Variables	Description	Status	Severity	Event Code
hwPS2USBFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable PS/2 or USB keyboard failure	Current	Critical	0x0F0007 FF

6.7.4 hwPS2USBFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.1794

Object	Bound Variables	Description	Status	Severity	Event Code
hwPS2USBFault Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable PS/2 or USB keyboard failure deassert	Current	Critical	0x0F8007 FF

6.7.5 hwVideoControllerFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.2305

Object	Bound Variables	Description	Status	Severity	Event Code
hwVideoControllerFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable video controller failure	Current	Critical	0x0F0009 FF

6.7.6 hwVideoControllerFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.2306

Object	Bound Variables	Description	Status	Severity	Event Code
hwVideoControllerFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable video controller failure deassert	Current	Critical	0x0F800 9FF

6.7.7 hwCPUVoltageMismatch

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.3073

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltage Mismatch	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU voltage mismatch	Current	Critical	0x0F000CFF

6.7.8 hwCPUVoltageMismatchDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.3074

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltageMismatc hDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU voltage mismatch deassert	Current	Critical	0x0F80 0CFF

6.7.9 hwSystemNoMemory

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.257

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemNoMemory	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System no memory detected	Current	Critical	0x0F0001FF

6.7.10 hwSystemNoMemoryDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.15.258

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemNoMemoryDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System no memory detected deassert	Current	Critical	0x0F8001FF

6.8 hwSysEvent

6.8.1 hwSystemError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.18.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System hang up/reset. For more information, see the background log	Current	Critical	0x1202FF FF

6.8.2 hwSystemErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.18.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemError Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System hang up/reset deassert	Current	Critical	0x1282FF FF

6.8.3 hwSysEventInstance

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.18.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysEventInstance	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PEF action	Current	OK	0x1204FF FF

6.9 hwButton

6.9.1 hwPowerButtonPressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.20.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerButtonPressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power button pressed	Current	OK	0x1400FF FF

6.9.2 hwPCIeHotSwapButtonPressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.20.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeHotSwapButtonPressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card hot-swap button pressed	Current	OK	0x1404FFF

6.10 hwCable

6.10.1 hwCableStatus

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.27.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableStatus	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SAS or Harddisk backplane cable config error	Current	Major	0x1B01FFF

6.10.2 hwCableStatusDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.27.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableStatusDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SAS or Harddisk backplane cable config error deassert	Current	Major	0x1B81FFF F

6.11 hwSysRestart

6.11.1 hwSysRestartUnknown

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartUnknown	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause unknown	Current	OK	0x1D0700F F

6.11.2 hwSysRestartChassisCtrl

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.369

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartChassisCtrl	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause chassis control	Current	OK	0x1D070101/0x1D07010F/ 0x1D070100/0x1D07010D/ 0x1D070108/0x1D07010E

6.11.3 hwSysRestartPowerButton

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.881

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartPowerButton	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause power button pressed	Current	OK	0x1D0703FF

6.11.4 hwSysRestartWatchdogCtrl

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.1137

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartWatdogCtrl	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause Watchdog control	Current	OK	0x1D070 4FF

6.11.5 hwSysRestartBMCCtrl

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.1393

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartBMC Ctrl	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause BMC control	Current	OK	0x1D070 5FF

6.11.6 hwSysRestartAlwaysRestore

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.1649

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartAlwaysRestore	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause always power up	Current	OK	0x1D0706FF

6.11.7 hwSysRestartRestorePrevState

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.29.1905

Object	Bound Variables	Description	Status	Severity	Event Code
hwSysRestartRestorePrevState	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	system restart cause always restore previous state	Current	OK	0x1D0707FF

6.12 hwBootError

6.12.1 hwNoBootableMedia

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoBootableMedia	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, no bootable media	Current	OK	0x1E00FFF F

6.12.2 hwNoBootableMediaDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoBootableMediaDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, no bootable media deassert	Current	OK	0x1E80FFF F

6.12.3 hwNoBootableDisk

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoBootableDisk	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, Non-bootable disk in drive	Current	OK	0x1E01FFF F

6.12.4 hwNoBootableDiskDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoBootableDisk Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, Non-bootable disk in drive deassert	Current	OK	0x1E81FFF F

6.12.5 hwPXENotFound

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwPXENotFound	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, PXE server not found	Current	OK	0x1E02FFF F

6.12.6 hwPXENotFoundDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwPXENotFoundDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, PXE server not found deassert	Current	OK	0x1E82FFF F

6.12.7 hwInvalidBootSector

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwInvalidBootSector	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, Invalid boot sector	Current	OK	0x1E03FFF F

6.12.8 hwInvalidBootSectorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.30.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwInvalidBootSectorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	boot error, Invalid boot sector deassert	Current	OK	0x1E83FF FF

6.13 hwDeviceFault

6.13.1 hwHardwareAddrFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwHardwareAddrFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hardware address in fault status	Current	Major	0x2100FF FF

6.13.2 hwHardwareAddrFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwHardwareAddrFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hardware address in fault status deassert	Current	Major	0x2180FF FF

6.13.3 hwLossBmaHeartBeat

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwLossBmaHeartBeat	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Heartbeat signals between the iBMC and iBMA are lost	Current	OK	0x2101FF FF

6.13.4 hwLossBmaHeartBeatDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwLossBmaHeartBeatDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Heartbeat signals between the iBMC and iBMA are normal	Current	OK	0x2181FF FF

6.13.5 hwDeviceInstall

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwDeviceInstall	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Device installed	Current	OK	0x2102FF FF

6.13.6 hwDeviceInstallDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwDeviceInstall Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Device installed deassert	Current	OK	0x2182FF FF

6.13.7 hwEthLinkDown

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwEthLinkDown	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System Eth link down	Current	OK	0x2108FF FF

6.13.8 hwEthLinkDownDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwEthLinkDown Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System Eth link down deassert	Current	OK	0x2188FF FF

6.13.9 hwMemBrdMigrate

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.145

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemBrdMigrate	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Spare Device	Current	OK	0x2109FF FF

6.13.10 hwMemBrdMigrateDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.146

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemBrdMigrateDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Spare Device deassert	Current	OK	0x2189FFFF

6.13.11 hwPCIEStatus

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.257

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEStatus	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe Error	Current	Major	0x2100FF FF

6.13.12 hwPCIEStatusDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.258

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEStatusDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe Error deassert	Current	Major	0x2180FF FF

6.13.13 hwFanFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.2049

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fan in fault status	Current	Major	0x2100FF FF

6.13.14 hwFanFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.2050

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fan in fault status deassert	Current	Major	0x2180FF FF

6.13.15 hwPCIeFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.2305

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe in fault status	Current	Major	0x210009 FF

6.13.16 hwPCIeFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.33.2306

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe in fault status deassert	Current	Major	0x218009 FF

6.14 hwACPIStatus

6.14.1 hwACPIStatusS0

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.34.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwACPIStatusS0	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	ACPI status S0	Current	OK	0x2200FF FF

6.14.2 hwACPIStatusS4S5

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.34.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwACPIStatusS4S5	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	ACPI status, S4/S5 soft-off, particular when S4/S5 state cannot be determined	Current	OK	0x2206FF FF

6.15 hwWatchDog

6.15.1 hwWatchDogOverflow

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogOverflow	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, no action	Current	OK	0x2300FF FF

6.15.2 hwWatchDogOverflowDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogOverflowDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, no action deassert	Current	OK	0x2380FF FF

6.15.3 hwWatchDogReset

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogReset	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, hard reset	Current	Major	0x2301FF FF

6.15.4 hwWatchDogResetDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogResetD eassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, hard reset deassert	Current	Major	0x2381FFFF

6.15.5 hwWatchDogPowerDown

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogPowerDown	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, power down	Current	Major	0x2302FF FF

6.15.6 hwWatchDogPowerDownDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogPowerDownDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, power down deassert	Current	Major	0x2382FF FF

6.15.7 hwWatchDogPowerCycle

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogPowerCycle	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, power cycle	Current	Major	0x2303FF FF

6.15.8 hwWatchDogPowerCycleDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.35.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwWatchDogPowerCycleDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	watchdog overflow, power cycle deassert	Current	Major	0x2383FFF F

6.16 hwLANHeartBeat

6.16.1 hwLANHeartLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.39.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwLANHeartLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LAN heart beat lost	Current	Major	0x2700FF FF

6.16.2 hwLANHeartLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.39.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwLANHeartLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LAN heart beat lost deassert	Current	Major	0x2780FFF F

6.17 hwMngmntHealth

6.17.1 hwSensorAccessibleFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwSensorAccessibleFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Sensor access degraded or unavailable	Current	Minor	0x2800FFFF

6.17.2 hwSensorAccessibleFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwSensorAccessibleFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Sensor access degraded or unavailable deassert	Current	Minor	0x2880FFF F

6.17.3 hwControllerAccessibleFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwControllerAccessibleFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Controller access degraded or unavailable	Current	Major	0x2801FFFF

6.17.4 hwControllerAccessibleFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwControllerAccessibleFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Controller access degraded or unavailable deassert	Current	Major	0x2881FFF F

6.17.5 hwControllerUnavailableFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.49

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwControllerUnavailableFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentit y 9:hwTrapLocation 10:hwTrapTime	Management controller unavailable	Current	Minor	0x2803FFFF

6.17.6 hwControllerUnavailableFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwControllerUnavailableFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentit y 9:hwTrapLocation 10:hwTrapTime	Management controller unavailable deassert	Current	Minor	0x2883FFF F

6.17.7 hwFruFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwFruFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	FRU failure	Current	OK	0x2805FF FF

6.17.8 hwFruFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.40.82

Object	Bound Variables	Description	Status	Severity	Event Code
hwFruFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	FRU failure deassert	Current	OK	0x2885FF FF

6.18 hwBattery

6.18.1 hwRTCBatterylow

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwRTCBatterylow	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RTC battery or RAID Card BBU voltage low	Current	Major	0x2900FF FF

6.18.2 hwRTCBatterylowDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwRTCBatterylowDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RTC battery or RAID Card BBU voltage low deassert	Current	Major	0x2980FFFF

6.18.3 hwRAIDCardBBUFailed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUFailed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	RAID card BBU failed	Current	Major	0x2901FFFF

6.18.4 hwRAIDCardBBUFailedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUFailed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	RAID card BBU failure deassert	Current	Major	0x2981FF FF

6.18.5 hwRAIDCardBBUPresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBU Presence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	RAID card BBU is present	Current	OK	0x2902FFFF

6.18.6 hwRAIDCardBBUPresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.41.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUP resence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	RAID card BBU is absent	Current	OK	0x2982FFFF

6.19 hwVerChange

6.19.1 hwHardwareChange

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.43.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwHardwareChange	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hardware change detected with associated Entity	Current	OK	0x2B00FFFF

6.19.2 hwFirmwareChange

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.43.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwFirmwareChange	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Firmware or software change detected with associated Entity	Current	OK	0x2B01FFFF

6.19.3 hwFirmwareIncompatibility

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.43.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwFirmwareIncompatibility	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	Firmware or software incompatibility detected with associated Entity	Current	Major	0x2B03FFFF

6.19.4 hwFirmwareIncompatibilityDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.43.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwFirmwareIncompatibilityDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9:hwTrapLocation 10:hwTrapTime	Firmware or software incompatibility detected with associated Entity deassert	Current	Major	0x2B83FFF F

6.20 hwLCD

6.20.1 hwLCDFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1052.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10:hwTrapTime	LCD fault	Current	Minor	0x0441FFFF

6.20.2 hwLCDFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1052.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD fault deassert	Current	Minor	0x04C1FFFF

6.21 hwHotSwap

6.21.1 hwHotSwaptom0

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom0	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M0 status	Current	OK	0xF000FF FF

6.21.2 hwHotSwaptom1

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom1	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M1 status	Current	OK	0xF001FF FF

6.21.3 hwHotSwaptom2

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom2	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M2 status	Current	OK	0xF002FF FF

6.21.4 hwHotSwaptom3

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom3	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M3 status	Current	OK	0xF003FF FF

6.21.5 hwHotSwaptom4

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom4	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M4 status	Current	OK	0xF004FF FF

6.21.6 hwHotSwaptom5

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom5	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M5 status	Current	OK	0xF005FF FF

6.21.7 hwHotSwaptom6

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom6	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M6 status	Current	OK	0xF006FF FF

6.21.8 hwHotSwaptom7

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.240.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwHotSwaptom7	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fru hot swap to M7 status	Current	Major	0xF007FF FF

6.22 hwIPMBLink

6.22.1 hwIPMBLinkStateAll

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateAll	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A disabled. IPMB-B disabled	Current	Major	0xF100FF FF

6.22.2 hwIPMBLinkStateAllDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateAllDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A disabled. IPMB-B disabled deassert	Current	Major	0xF180FF FF

6.22.3 hwIPMBLinkStateB

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateB	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A enabled. IPMB-B disabled	Current	Major	0xF101FF FF

6.22.4 hwIPMBLinkStateBDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateBDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A enabled. IPMB-B disabled deassert	Current	Major	0xF181FFF F

6.22.5 hwIPMBLinkStateA

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateA	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A disabled. IPMB-B enabled	Current	Major	0xF102FF FF

6.22.6 hwIPMBLinkStateADeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateADeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB-A disabled. IPMB-B enabled deassert	Current	Major	0xF182FFF F

6.22.7 hwIPMBLinkStateNoFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.241.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwIPMBLinkStateNoFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IPMB bus no fault	Current	OK	0xF103FFFF

6.23 hwTrapTest

6.23.1 hwTrapTestInstance

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.256.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwTrapTestInstance	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	trap test	Current	OK	0x000000 01

6.24 hwOvertemperature

6.24.1 hwOvertempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above minor threshold	Current	Minor	0x0147FF FF

6.24.2 hwOvertempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempMinor Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above minor threshold deassert	Current	Minor	0x01C7FFFF

6.24.3 hwOvertempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.145

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempMajor or	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above major threshold	Current	Major	0x0149FF FF

6.24.4 hwOvertempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.146

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above major threshold deassert	Current	Major	0x01C9FFFF

6.24.5 hwOvertempCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.177

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above critical threshold	Current	Critical	0x014BFFFF

6.24.6 hwOvertempCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.257.178

Object	Bound Variables	Description	Status	Severity	Event Code
hwOvertempCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	temperature above critical threshold deassert	Current	Critical	0x01CBFFFF

6.25 hwNoSDCard

6.25.1 hwNoSDCardAssert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.781.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoSDCardAssert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No SD Card Assert	Current	Major	0x0341FF FF

6.25.2 hwNoSDCardDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.781.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoSDCardDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No SD Card Deassert	Current	Major	0x03C1FFFF

6.26 hwAddInCard

6.26.1 hwPCIeError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.791.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe Error	Current	Critical	0x0341FFFF

6.26.2 hwPCIeErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.791.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe Error Deassert	Current	Critical	0x03C1FFFF

6.27 hwChipSet

6.27.1 hwPCHError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.793.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable PCH error	Current	Critical	0x0341FF FF

6.27.2 hwPCHErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.793.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable PCH error Deassert	Current	Critical	0x03C1FFFF

6.28 hwUIDButton

6.28.1 hwUIDButtonPressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.788.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwUIDButtonPressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	UID button pressed	Current	OK	0x0341FF FF

6.29 hwPowerCapping

6.29.1 hwPowerCapFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1042.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerCapFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power capping fail assert	Current	Minor	0x0441FF FF

6.29.2 hwPowerCapFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1042.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPowerCapFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power capping fail assert	Current	Minor	0x04C1FFFF

6.30 hwCardFault

6.30.1 hwCardStatusFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1047.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCardStatusFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID or NIC card fault	Current	Minor	0x0441FF FF

6.30.2 hwCardStatusFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1047.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCardStatusFault Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID or NIC card fault deassert	Current	Minor	0x04C1FFFF

6.31 hwCPUUsage

6.31.1 hwCPUUsageHigh

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1287.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUUsageHi gh	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU usage over threshold	Current	Major	0x0541FF FF

6.31.2 hwCPUUsageHighDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1287.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUUsageHighDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU usage over threshold deassert	Current	Major	0x05C1FFFF

6.32 hwMemoryUsage

6.32.1 hwMemoryUsageHigh

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1292.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryUsageHigh	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory usage over threshold	Current	Major	0x0541FF FF

6.32.2 hwMemoryUsageHighDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1292.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryUsageHi ghDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory usage over threshold deassert	Current	Major	0x05C1FFFF

6.33 hwDiskUsage

6.33.1 hwDiskUsageHigh

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1293.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskUsageHi gh	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Disk usage over threshold	Current	Major	0x0541FF FF

6.33.2 hwDiskUsageHighDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1293.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskUsageHighDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Disk usage over threshold deassert	Current	Major	0x05C1FF FF

6.34 hwLowPower

6.34.1 hwPsInsufficient

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1800.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwPsInsufficient	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient power supply to the chassis	Current	Major	0x0742FF FF

6.34.2 hwPsInsufficientDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1800.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwPInsufficientDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient power supply to the chassis deassert	Current	Major	0x07C2FFF F

6.35 hwSysNotice

6.35.1 hwSystemWarmReset

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1810.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWarmReset	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable system error. Unable to locate the specific failure, please warm reset the host to try to solve the problem	Current	OK	0x0748FF FF

6.35.2 hwSystemWarmResetDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1810.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWarmResetDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable system error deassert	Current	OK	0x07C8FFF F

6.36 hwModule

6.36.1 hwModuleCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1813.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwModuleCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	transition to Critical from less severe	Current	Minor	0x0742FF FF

6.37 hwPSPresenceStatus

6.37.1 hwPSPresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2057.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSPresence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	power supply presence	Current	OK	0x0841FF FF

6.37.2 hwPSPresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2057.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSPresence Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	power supply presence deassert	Current	OK	0x08C1FFFF

6.38 hwFanPresenceStatus

6.38.1 hwFanAbsent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2058.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanAbsent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fan absent	Current	Major	0x0840FF FF

6.38.2 hwFanAbsentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2058.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanAbsentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	fan absent deassert	Current	Major	0x08C0FF FF

6.39 hwCardPresenceStatus

6.39.1 hwCardPresence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2071.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCardPresence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	card presence	Current	OK	0x0841FF FF

6.39.2 hwCardPresenceDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2071.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCardPresenceDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	card presence deassert	Current	OK	0x08C1FFFF

6.40 hwLCDPresenceStatus

6.40.1 hwLCDAbsent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2076.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDAbsent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD absent	Current	OK	0x0840FF FF

6.40.2 hwLCDAbsentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2076.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDAbsentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD absent deassert	Current	OK	0x08C0FFFF

6.41 hwCPUCore

6.41.1 hwCPUCoreIsolation

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2311.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreIsolation	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU core isolation	Current	OK	0x0940FFF

6.41.2 hwCPUCoreIsolationDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2311.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreIsolation Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU core isolation deassert	Current	OK	0x09C0FFF

6.42 hwMemoryRiser

6.42.1 hwMemoryRiserOnline

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserOnline	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board online	Current	OK	0x0A43FFF F

6.42.2 hwMemoryRiserOnlineDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserOnlineDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board online deassert	Current	OK	0x0AC3FF FF

6.42.3 hwMemoryRiserOffline

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserOffline	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board offline	Current	OK	0x0A44FFFF

6.42.4 hwMemoryRiserOfflineDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserOfflineDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board offline deassert	Current	OK	0x0AC4FF FF

6.42.5 hwMemoryRiserInstallError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserInstallError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory riser install error	Current	Major	0x0A48FFFF

6.42.6 hwMemoryRiserInstallErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2583.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRiserInstallErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory riser install error deassert	Current	Major	0x0AC8FF FF

6.43 hwVoltage

6.43.1 hwLowerVoltageMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwLowerVoltageMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage below lower major threshold	Current	Major	0x0142FF FF

6.43.2 hwLowerVoltageMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwLowerVoltageMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage below lower major threshold deassert	Current	Major	0x01C2FF FF

6.43.3 hwOverVoltageMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.145

Object	Bound Variables	Description	Status	Severity	Event Code
hwOverVoltageMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage over upper major threshold	Current	Major	0x0149FF FF

6.43.4 hwOverVoltageMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.146

Object	Bound Variables	Description	Status	Severity	Event Code
hwOverVoltageMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage over upper major threshold deassert	Current	Major	0x01C9FFF F

6.43.5 hwOverVoltageCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.177

Object	Bound Variables	Description	Status	Severity	Event Code
hwOverVoltageCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage over upper critical threshold	Current	Critical	0x014BFFFF

6.43.6 hwOverVoltageCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.258.178

Object	Bound Variables	Description	Status	Severity	Event Code
hwOverVoltageCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Voltage over upper critical threshold deassert	Current	Critical	0x01CBFFF F

6.44 hwCPUProchot

6.44.1 hwCPUProchotState

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.775.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUProchotState	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Prochot state asserted	Current	Major	0x0341FF FF

6.44.2 hwCPUProchotStateDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.775.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUProchotStateDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8:hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Prochot state deasserted	Current	Major	0x03C1FFFF

6.45 hwSELStatus

6.45.1 hwSELCleared

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.16.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwSELClearedAssert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SEL log area is cleared.	Current	OK	0x1002FFFF

6.45.2 hwSELAlmostFull

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.16.81.

Object	Bound Variables	Description	Status	Severity	Event Code
hwSELAlmostFullAssert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SEL almost full assert	Current	OK	0x1005FFFF

6.45.3 hwSELAlmostFullDeasserted

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.16.82.

Object	Bound Variables	Description	Status	Severity	Event Code
hwSELAlmostFullDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SEL almost full deassert	Current	OK	0x1085FFFF

6.46 hwPSRedundancy

6.46.1 hwPSRedundancyLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2824.17.

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSRedundancyLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapSeverIdentity 7: hwTrapLocation 8: hwTrapTime	PS redundancy lost	Current	Major	0x0B41FFFF

6.46.2 hwPSRedundancyLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2824.18.

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSRedundancyLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapSeverIdentity 7: hwTrapLocation 8: hwTrapTime	PS redundancy lost deassert	Current	Major	0x0BC1FFFF

6.47 hwBMCBootUp

6.47.1 hwBMCBootUp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.2326.17.

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCBootUpAssert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	BMC boot up	Current	OK	0x0941FFFF

6.48 hwLog

6.48.1 hwLogFull

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1808.129.

Object	Bound Variables	Description	Status	Severity	Event Code
hwLogFull	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Informational	Current	OK	0x0748FFFF

6.48.2 hwLogFullDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.1808.130.

Object	Bound Variables	Description	Status	Severity	Event Code
hwLogFullDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Informational deasserted	Current	OK	0x07C8FFFF

6.49 hwBoardMismatch

6.49.1 hwBoardMismatch

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.786.17.

Object	Bound Variables	Description	Status	Severity	Event Code
hwBoardMismatch	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fault status	Current	Major	0x2100FFFF

6.49.2 hwBoardMismatchDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.10.786.18.

Object	Bound Variables	Description	Status	Severity	Event Code
hwBoardMismat chDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fault status	Current	OK	0x2180FFFF

7

Specifications of Traps in Precise Alarm Mode

This chapter describes Precise Alarm Mode specifications for SNMP trap alarms.

Each OID corresponds to a type of alarm. You can select to-be-bound variables for each alarm from the following ones, depending on the alarm type:

Variable name	Variable description
hwTrapSeq	Event sequence number
hwTrapSensorName	Event sensor name
hwTrapEvent	Event description
hwTrapSeverity	Event severity
hwTrapEventCode	Event code
hwTrapEventDate2	Event date 2
hwTrapEventDate3	Event date 3
hwTrapSeverIdentity	Sever identity of event
hwTrapLocation	Sever location of event
hwTrapTime	Time of event generated

The value of **hwTrapSeverity** can be **ok(1)**, **minor(2)**, **major(3)**, or **critical(4)**.

The following sections list the values of **hwTrapSeverity** and **hwTrapEventCode** of each alarm for your reference.

Deassert alarms in the following sections are clear alarms. For system events that do not have clear alarms, configure the alarms to be cleared during board power-off. The ID of an asset event reported during board power-off is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.11. For details, see section “hwSystemACPISoftOffState”

7.1 Events Originating from Traps in OID Mode

7.1.1 hwSystemEvent

7.1.1.1 hwSystemCPUOverLoad

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemCPUOverLoad	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High CPU usage. (Generated)	Current	OK	0x2C00000 1

7.1.1.2 hwSystemCPUOverLoadDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemCPUOverLoadDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High CPU usage. (Cleared)	Current	OK	0x2C00000 2

7.1.1.3 hwSystemMemoryOverLoad

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMemoryOverLoad	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High memory usage. (Generated)	Current	OK	0x2C00000 3

7.1.1.4 hwSystemMemoryOverLoadDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMemoryOverLoadDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High memory usage. (Cleared)	Current	OK	0x2C000004

7.1.1.5 hwSystemPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System powered off exceptionally. (Generated)	Current	Major	0x2C000007

7.1.1.6 hwSystemPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.8

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System powered off exceptionally. (Cleared)	Current	Major	0x2C000008

7.1.1.7 hwSystemACPIWorkingState

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemACPIWorkingState	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	ACPI in operating status.	Current	OK	0x2C000009

7.1.1.8 hwSystemACPISoftOffState

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemACPISoftOffState	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	ACPI in down status.	Current	OK	0x2C00000B

7.1.1.9 hwSystemACPINoMemory

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemACPINoMemory	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No memory detected in system POST. (Generated)	Current	Critical	0x2C00000D

7.1.1.10 hwSystemACPINoMemoryDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemACPINoMemory Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No memory detected in system POST. (Cleared)	Current	Critical	0x2C00000E

7.1.1.11 hwSystemUnknownReasonRestart

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.15

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemUnknownReasonRestart	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted due to unknown reason.	Current	OK	0x2C00000F

7.1.1.12 hwSystemRestartByCommand

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByCommand	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted by system control command.	Current	OK	0x2C000011

7.1.1.13 hwSystemRestartByPowerButton

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByPowerButton	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted by power button.	Current	OK	0x2C000013

7.1.1.14 hwSystemRestartByWatchDogTmout

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByWatchDogTmout	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted by watch dog timed out.	Current	OK	0x2C000015

7.1.1.15 hwSystemRestartByTurnOnStrategy

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByTurnOnStrategy	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted as per power-on strategy Turn On.	Current	OK	0x2C000017

7.1.1.16 hwSystemRestartByRestorePreviousStrategy

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.25

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByRestorePreviousStrategy	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted as per power-on strategy Restore Previous State.	Current	OK	0x2C000019

7.1.1.17 hwSystemOSStartNoBootDevice

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemOSStartNoBootDevice	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OS failed to start due to lack of boot media.	Current	OK	0x2C00001B

7.1.1.18 hwSystemOSStartNoBootDisk

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemOSStartNoBootDisk	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OS failed to start due to lack of boot disk.	Current	OK	0x2C00001D

7.1.1.19 hwSystemOSStartNoPXEService

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemOSStartNoPXEService	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OS failed to start due to lack of PXE server.	Current	OK	0x2C00001F

7.1.1.20 hwSystemOSStartInvalidBootPartition

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemOSStartInvalidBootPartition	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OS failed to start due to invalid boot partition.	Current	OK	0x2C000021

7.1.1.21 hwSystemWTDTmoutNoAction

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.35

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutNoAction	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No action upon watch dog timeout. (Generated)	Current	OK	0x2C000023

7.1.1.22 hwSystemWTDTmoutNoActionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutNoActionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No action upon watch dog timeout. (Cleared)	Current	OK	0x2C000024

7.1.1.23 hwSystemWTDTmoutForceReset

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForceReset	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Forced restart upon watch dog timeout. (Generated)	Current	Major	0x2C000025

7.1.1.24 hwSystemWTDTmoutForceResetDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForceResetDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Forced restart upon watch dog timeout. (Cleared)	Current	Major	0x2C000026

7.1.1.25 hwSystemWTDTmoutForcePowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForcePowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System power-off upon watch dog timeout. (Generated)	Current	Major	0x2C000027

7.1.1.26 hwSystemWTDTmoutForcePowerOffDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.40

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForcedPowerOffDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System power-off upon watch dog timeout. (Cleared)	Current	Major	0x2C000028

7.1.1.27 hwSystemWTDTmoutForcedPowerOffThenOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForcedPowerOffThenOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Forced power cycle upon watch dog timeout. (Generated)	Current	Major	0x2C000029

7.1.1.28 hwSystemWTDTmoutForcedPowerOffThenOnDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemWTDTmoutForcedPowerOffThenOnDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Forced power cycle upon watch dog timeout. (Cleared)	Current	Major	0x2C00002A

7.1.1.29 hwSystemPowerOnTmout

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerOnTmout	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power-on timed out. (Generated)	Current	Major	0x2C00002 B

7.1.1.30 hwSystemPowerOnTmoutDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerOnTmout Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power-on timed out. (Cleared)	Current	Major	0x2C00002 C

7.1.1.31 hwSystemPowerCapFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.45

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerCapFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power capping failed. (Generated)	Current	OK	0x2C00002D

7.1.1.32 hwSystemPowerCapFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPowerCapFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power capping failed. (Cleared)	Current	OK	0x2C00002E

7.1.1.33 hwSystemAbnormallyReset

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAbnormallyReset	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System information. (Generated)	Current	OK	0x2C00002F

7.1.1.34 hwSystemAbnormallyResetDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.48

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAbnormallyResetDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System information. (Cleared)	Current	OK	0x2C000030

7.1.1.35 hwSystemFaultCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemFaultCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System error. (Generated)	Current	Critical	0x2C000031

7.1.1.36 hwSystemFaultCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.50

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemFaultCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System error. (Cleared)	Current	Critical	0x2C000032

7.1.1.37 hwSystemDiffCPUModule

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.55

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffCPUModule	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent CPU models. (Generated)	Current	Critical	0x2C000037

7.1.1.38 hwSystemDiffCPUModuleDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.56

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffCPUModule Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent CPU models. (Cleared)	Current	Critical	0x2C000038

7.1.1.39 hwSystemSuspended

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemSuspended	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System suspended during startup. (Generated)	Current	Critical	0x2C000039

7.1.1.40 hwSystemSuspendedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.58

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemSuspendedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System suspended during startup. (Cleared)	Current	Critical	0x2C00003A

7.1.1.41 hwSystemInconsistenMemoryBoard

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.59

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInconsistenMemoryBoard	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent models of memory boards. (Generated)	Current	Major	0x2C00003 B

7.1.1.42 hwSystemInconsistenMemoryBoardDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.60

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInconsistenMemoryBoardDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent models of memory boards. (Cleared)	Current	Major	0x2C00003 C

7.1.1.43 hwSystemInconsistenCPUBoard

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInconsistenCPUBoard	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent models of CPU boards. (Generated)	Current	Major	0x2C00003 D

7.1.1.44 hwSystemInconsistenCPUBoardDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInconsistenCPUBoardDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent models of CPU boards. (Cleared)	Current	Major	0x2C00003E

7.1.1.45 hwSystemInsufficientCPU

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInsufficientCPU	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient number of CPUs. (Generated)	Current	Major	0x2C00003F

7.1.1.46 hwSystemInsufficientCPUDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.64

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemInsufficientCPUDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient number of CPUs. (Cleared)	Current	Major	0x2C000040

7.1.1.47 hwSystemDiffCPUType

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffCPUType	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent CPU types. (Generated)	Current	Major	0x2C000041

7.1.1.48 hwSystemDiffCPUTypeDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffCPUTypeDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent CPU types. (Cleared)	Current	Major	0x2C000042

7.1.1.49 hwSystemDiffHPCBoardType

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.67

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffHPCBoardType	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent HPC models. (Generated)	Current	Major	0x2C000043

7.1.1.50 hwSystemDiffHPCBoardTypeDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.68

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiffHPCBoardTypeDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Inconsistent HPC models. (Cleared)	Current	Major	0x2C000044

7.1.1.51 hwSystemMismatchHPCBoardOrCPU

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.69

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMismatchHPCBoardOrCPU	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	HPC type and CPU do not match. (Generated)	Current	Major	0x2C000045

7.1.1.52 hwSystemMismatchHPCBoardOrCPUDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.70

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMismatchHPCBoardOrCPUDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	HPC type and CPU do not match. (Cleared)	Current	Major	0x2C000046

7.1.1.53 hwSystemMainboardDiskBPMismatch

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.91

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMainboardDiskBPMismatch	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard does not match hard disk backplane. (Generated)	Current	Major	0x2C00005B

7.1.1.54 hwSystemMainboardDiskBPMismatchDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.92

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMainboardDiskBPMismatchDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard does not match hard disk backplane. (Cleared)	Current	Major	0x2C00005C

7.1.1.55 hwSystemAccessPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.93

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAccessPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the total system power. (Generated)	Current	Minor	0x2C00005D

7.1.1.56 hwSystemAccessPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.94

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAccessPowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the total system power. (Cleared)	Current	Minor	0x2C00005E

7.1.1.57 hwSystemRestartByBMC

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.99

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemRestartByBMC	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System restarted by the BMC.	Current	OK	0x2C000063

7.1.2 hwMemoryEvent

7.1.2.1 hwMemoryOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM overheating major alarm. (Generated)	Current	Major	0x0100000 1

7.1.2.2 hwMemoryOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM overheating major alarm. (Cleared)	Current	Major	0x0100000 2

7.1.2.3 hwMemoryVDDQ1LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ1 undervoltage major alarm. (Generated)	Current	Major	0x0100000 3

7.1.2.4 hwMemoryVDDQ1LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ1 undervoltage major alarm. (Cleared)	Current	Major	0x01000004

7.1.2.5 hwMemoryVDDQ1OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ1 overvoltage major alarm. (Generated)	Current	Major	0x01000005

7.1.2.6 hwMemoryVDDQ1OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ1 overvoltage major alarm. (Cleared)	Current	Major	0x01000006

7.1.2.7 hwMemoryVDDQ2LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ2 undervoltage major alarm. (Generated)	Current	Major	0x01000007

7.1.2.8 hwMemoryVDDQ2LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ2 undervoltage major alarm. (Cleared)	Current	Major	0x01000008

7.1.2.9 hwMemoryVDDQ2OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ2 overvoltage major alarm. (Generated)	Current	Major	0x01000009

7.1.2.10 hwMemoryVDDQ2OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VDDQ2 overvoltage major alarm. (Cleared)	Current	Major	0x0100000AA

7.1.2.11 hwMemoryCorrectableECC

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.13

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCorrectableEC C	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM ECC error count exceeded. (Generated)	Current	OK	0x0100000 D

7.1.2.12 hwMemoryCorrectableECCDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCorrectableEC CDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM ECC error count exceeded. (Cleared)	Current	OK	0x0100000 E

7.1.2.13 hwMemoryInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM installed.	Current	OK	0x0100000 F

7.1.2.14 hwMemoryRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM removed.	Current	OK	0x0100001 1

7.1.2.15 hwMemoryCFGErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCFGErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect memory configuration. (Generated)	Current	Critical	0x0100001 5

7.1.2.16 hwMemoryCFGErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.22

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCFGErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect memory configuration. (Cleared)	Current	Critical	0x01000016

7.1.2.17 hwMemoryUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM MCE error. (Generated)	Current	Critical	0x01000017

7.1.2.18 hwMemoryUncorrectableErrDeasssert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryUncorrectableErrDeasssert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM MCE error. (Cleared)	Current	Critical	0x01000018

7.1.2.19 hwMemoryVPP1LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VPP1 undervoltage major alarm. (Generated)	Current	Major	0x01000019

7.1.2.20 hwMemoryVPP1LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VPP1 undervoltage major alarm. (Cleared)	Current	Major	0x0100001A

7.1.2.21 hwMemoryVPP1OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.27

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VPP1 overvoltage major alarm. (Generated)	Current	Major	0x0100001 B

7.1.2.22 hwMemoryVPP1OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM VPP1 overvoltage major alarm. (Cleared)	Current	Major	0x0100001 C

7.1.2.23 hwMemorySwitchToStdbyBoard

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemorySwitchToStdbyBoard	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMMs go standby. (Generated)	Current	OK	0x0100001 D

7.1.2.24 hwMemorySwitchToStdbyBoardDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemorySwitchToStdbyBoardDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMMs go standby.(Cleared)	Current	OK	0x0100001 E

7.1.2.25 hwMemoryVDDQ1AccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1AccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VDDQ1 voltage. (Generated)	Current	Minor	0x0100001 F

7.1.2.26 hwMemoryVDDQ1AccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.32

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ1AccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VDDQ1 voltage. (Cleared)	Current	Minor	0x01000020

7.1.2.27 hwMemoryVDDQ2AccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2AccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VDDQ2 voltage. (Generated)	Current	Minor	0x01000021

7.1.2.28 hwMemoryVDDQ2AccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVDDQ2AccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VDDQ2 voltage.(Cleared)	Current	Minor	0x01000022

7.1.2.29 hwMemoryVPP1AccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1AccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VPP1 voltage. (Generated)	Current	Minor	0x01000023

7.1.2.30 hwMemoryVPP1AccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP1AccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read DIMM VPP1 voltage.(Cleared)	Current	Minor	0x01000024

7.1.2.31 hwMemoryOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.59

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory overtemperature minor alarm. (Generated)	Current	Minor	0x0100003 B

7.1.2.32 hwMemoryOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.60

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory overtemperature minor alarm. (Cleared)	Current	Minor	0x0100003 C

7.1.2.33 hwMemoryOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory overtemperature major alarm.(Generated)	Current	Major	0x0100003 D

7.1.2.34 hwMemoryOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory overtemperature major alarm.(Cleared)	Current	Major	0x0100003E

7.1.2.35 hwMemoryAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read memory temperature. (Generated)	Current	Minor	0x0100003F

7.1.2.36 hwMemoryAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.64

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read memory temperature. (Cleared)	Current	Minor	0x01000040

7.1.3 hwButtonEvent

7.1.3.1 hwButtonPowerButtonPressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.50.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwButtonPowerButtonPressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power button pressed.	Current	OK	0x31000001

7.1.3.2 hwButtonUIDButtonpressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.50.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwButtonUIDButtonpressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	UID button pressed.	Current	OK	0x31000003

7.1.3.3 hwButtonPCIeHotSwapButtonPressed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.50.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwButtonPCIeHotSwapButtonPressed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card hot-swap button pressed.	Current	OK	0x31000005

7.1.4 hwChassisEvent

7.1.4.1 hwChassisInletOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating minor alarm. (Generated)	Current	Minor	0x12000001

7.1.4.2 hwChassisInletOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating minor alarm. (Cleared)	Current	Minor	0x12000002

7.1.4.3 hwChassisInletOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating major alarm. (Generated)	Current	Major	0x12000003

7.1.4.4 hwChassisInletOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating major alarm. (Cleared)	Current	Major	0x12000004

7.1.4.5 hwChassisCoverOpened

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisCoverOpened	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Chassis cover opened.	Current	OK	0x12000005

7.1.4.6 hwChassisCoverClosed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisCoverClosed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Chassis cover closed.	Current	OK	0x1200000 7

7.1.4.7 hwChassisOutletOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisOutletOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air outlet overheating minor alarm. (Generated)	Current	Minor	0x1200000 9

7.1.4.8 hwChassisOutletOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisOutletOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air outlet overheating minor alarm. (Cleared)	Current	Minor	0x1200000 A

7.1.4.9 hwChassisInletOverTempCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating critical alarm. (Generated)	Current	Critical	0x120000f

7.1.4.10 hwChassisInletOverTempCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletOverTempCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet overheating critical alarm. (Cleared)	Current	Critical	0x12000010

7.1.4.11 hwChassisInsufficientPower

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInsufficientPower	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient power supply to chassis. (Generated)	Current	Major	0x12000011

7.1.4.12 hwChassisInsufficientPowerDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInsufficientPowerDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Insufficient power supply to chassis. (Cleared)	Current	Major	0x12000012

7.1.4.13 hwChassisAccessInletTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisAccessInletTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read air inlet temperature. (Generated)	Current	Minor	0x12000013

7.1.4.14 hwChassisAccessInletTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisAccessInletTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read air inlet temperature. (Cleared)	Current	Minor	0x12000014

7.1.4.15 hwChassisInletLowerTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletLowerTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet undertemperature major alarm. (Generated)	Current	Major	0x12000015

7.1.4.16 hwChassisInletLowerTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.22

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisInletLowerTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Air inlet undertemperature major alarm. (Cleared)	Current	Major	0x12000016

7.1.4.17 hwChassisAccessOutletTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisAccessOutletTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the air outlet temperature. (Generated)	Current	Minor	0x12000017

7.1.4.18 hwChassisAccessOutletTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisAccessOutletTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the air outlet temperature. (Cleared)	Current	Minor	0x12000018

7.1.4.19 hwChassisM2ZoneTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisM2ZoneTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the M.2 slot zone temperature on the mainboard. (Generated)	Current	Minor	0x1200001D

7.1.4.20 hwChassisM2ZoneTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisM2ZoneTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the M.2 slot zone temperature on the mainboard. (Cleared)	Current	Minor	0x1200001E

7.1.4.21 hwChassisM2ZoneOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.31

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisM2ZoneOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The temperature of the M.2 slot zone on the mainboard exceeds the overtemperature threshold. (Generated)	Current	Minor	0x1200001F

7.1.4.22 hwChassisM2ZoneOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisM2ZoneOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The temperature of the M.2 slot zone on the mainboard exceeds the overtemperature threshold.. (Cleared)	Current	Minor	0x12000020

7.1.5 hwPCHEvent

7.1.5.1 hwPCHOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH overheating minor alarm. (Generated)	Current	Minor	0x2700000 1

7.1.5.2 hwPCHOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH overheating minor alarm. (Cleared)	Current	Minor	0x2700000 2

7.1.5.3 hwPCHUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH MCE/AER error. (Generated)	Current	Critical	0x2700000 3

7.1.5.4 hwPCHUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH MCE/AER error. (Cleared)	Current	Critical	0x27000004

7.1.5.5 hwPCHLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge undervoltage major alarm. (Generated)	Current	Major	0x27000005

7.1.5.6 hwPCHLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge undervoltage major alarm. (Cleared)	Current	Major	0x2700000 6

7.1.5.7 hwPCHOVerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOVerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge overvoltage major alarm. (Generated)	Current	Major	0x2700000 7

7.1.5.8 hwPCHOVerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOVerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge overvoltage major alarm. (Cleared)	Current	Major	0x2700000 8

7.1.5.9 hwPCHClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge clock lost. (Generated)	Current	Major	0x27000009

7.1.5.10 hwPCHClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Southbridge clock lost. (Cleared)	Current	Major	0x2700000A

7.1.5.11 hwPCHAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH temperature. (Generated)	Current	Minor	0x2700000 B

7.1.5.12 hwPCHAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessTempFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH temperature. (Cleared)	Current	Minor	0x2700000 C

7.1.5.13 hwPCHAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH voltage. (Generated)	Current	Minor	0x2700000 D

7.1.5.14 hwPCHAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH voltage. (Cleared)	Current	Minor	0x2700000E

7.1.5.15 hwPCHIOVoltLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOVoltLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH IO undervoltage. (Generated)	Current	Major	0x2700001B

7.1.5.16 hwPCHIOVoltLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOVoltLowerVoltag eDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH IO undervoltage. (Cleared)	Current	Major	0x2700001 C

7.1.5.17 hwPCHIOVoltOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOVoltOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH IO overvoltage. (Generated)	Current	Major	0x2700001 D

7.1.5.18 hwPCHIOVoltOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOVoltOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH IO overvoltage. (Cleared)	Current	Major	0x2700001 E

7.1.5.19 hwPCHIOAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH IO voltage. (Generated)	Current	Minor	0x2700001F

7.1.5.20 hwPCHIOAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHIOAccessVoltageFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH IO voltage. (Cleared)	Current	Minor	0x27000020

7.1.5.21 hwPCHPvnnLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.33

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPvnnLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH pvnn undervoltage. (Generated)	Current	Minor	0x2700002 1

7.1.5.22 hwPCHPvnnLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPvnnLowerVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH pvnn undervoltage. (Cleared)	Current	Minor	0x2700002 2

7.1.5.23 hwPCHPvnnOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPvnnOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH pvnn overvoltage. (Generated)	Current	Minor	0x2700002 3

7.1.5.24 hwPCHPvnnOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPvnnOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH pvnn overvoltage. (Cleared)	Current	Minor	0x27000024

7.1.5.25 hwPCHOvTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOvTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH overtemperature major alarm. (Generated)	Current	Major	0x27000025

7.1.5.26 hwPCHOvTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.38

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH overtemperature major alarm. (Cleared)	Current	Major	0x27000026

7.1.6 hwCPUEvent

7.1.6.1 hwCPUOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU underclocking will be caused by high temperature. (Generated)	Current	Major	0x00000003

7.1.6.2 hwCPUOverTempMajorDeasssert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.4

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU underclocking will be caused by high temperature. (Cleared)	Current	Major	0x00000004

7.1.6.3 hwCPUVDDQOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVDDQOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VDDQ overheating minor alarm. (Generated)	Current	Minor	0x00000005

7.1.6.4 hwCPUVDDQOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVDDQOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VDDQ overheating minor alarm. (Cleared)	Current	Minor	0x00000006

7.1.6.5 hwCPUVRDOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVRDOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VRD overheating minor alarm. (Generated)	Current	Minor	0x00000007

7.1.6.6 hwCPUVRDOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVRDOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VRD overheating minor alarm. (Cleared)	Current	Minor	0x00000008

7.1.6.7 hwCPUCoreLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU undervoltage major alarm. (Generated)	Current	Major	0x0000000 B

7.1.6.8 hwCPUCoreLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreLowerVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU undervoltage major alarm. (Cleared)	Current	Major	0x0000000 C

7.1.6.9 hwCPUCoreOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU overvoltage major alarm. (Generated)	Current	Major	0x0000000 D

7.1.6.10 hwCPUCoreOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU overvoltage major alarm. (Cleared)	Current	Major	0x0000000E

7.1.6.11 hwCPUOverTempCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOverTempCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The OS was shut down due to CPU overheating. (Generated)	Current	Critical	0x0000000F

7.1.6.12 hwCPUOverTempCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.16

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUOverTempCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The OS was shut down due to CPU overheating. (Cleared)	Current	Critical	0x00000010

7.1.6.13 hwCPUSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU self-test failed. (Generated)	Current	Critical	0x00000011

7.1.6.14 hwCPUSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU self-test failed. (Cleared)	Current	Critical	0x00000012

7.1.6.15 hwCPUCFGError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCFGError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect CPU configuration. (Generated)	Current	Critical	0x00000013

7.1.6.16 hwCPUCFGErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCFGErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect CPU configuration. (Cleared)	Current	Critical	0x00000014

7.1.6.17 hwCPUInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU installed.	Current	OK	0x00000015

7.1.6.18 hwCPURemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPURemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU removed.	Current	OK	0x00000017

7.1.6.19 hwCPULowerDiffTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPULowerDiffTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The CPU is about to reach the Max. temperature of minor alarm. (Generated)	Current	Minor	0x00000019

7.1.6.20 hwCPULowerDiffTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPULowerDiffTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The CPU is about to reach the Max. temperature of minor alarm. (Cleared)	Current	Minor	0x0000001 A

7.1.6.21 hwCPUIerrFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUIerrFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU IERR error. (Generated)	Current	Critical	0x0000001 B

7.1.6.22 hwCPUIerrFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUIerrFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU IERR error. (Cleared)	Current	Critical	0x0000001 C

7.1.6.23 hwCPUUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU MCE/AER error. (Generated)	Current	Critical	0x0000001 D

7.1.6.24 hwCPUUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU MCE/AER error. (Cleared)	Current	Critical	0x0000001 E

7.1.6.25 hwCPUCoreIsolated

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreIsolated	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU core isolated. (Generated)	Current	OK	0x0000001F

7.1.6.26 hwCPUCoreIsolatedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreIsolatedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU core isolated. (Cleared)	Current	OK	0x00000020

7.1.6.27 hwCPUFaultyIsolated

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.33

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUFaultyIsolated	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU isolated. (Generated)	Current	OK	0x0000002 1

7.1.6.28 hwCPUFaultyIsolatedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUFaultyIsolatedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU isolated. (Cleared)	Current	OK	0x0000002 2

7.1.6.29 hwCPUAccessCoreTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessCoreTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU core temperature. (Generated)	Current	Minor	0x0000002 3

7.1.6.30 hwCPUAccessCoreTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessCoreTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU core temperature. (Cleared)	Current	Minor	0x00000024

7.1.6.31 hwCPUAccessVDDQTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVDDQTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VDDQ temperature. (Generated)	Current	Minor	0x00000025

7.1.6.32 hwCPUAccessVDDQTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.38

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVDDQTem pFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VDDQ temperature. (Cleared)	Current	Minor	0x0000002 6

7.1.6.33 hwCPUVRDOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVRDOverTempMa jor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VRD overheating major alarm. (Generated)	Current	Major	0x0000002 7

7.1.6.34 hwCPUVRDOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVRDOverTempMa jorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VRD overheating major alarm. (Cleared)	Current	Major	0x0000002 8

7.1.6.35 hwCPULowerDiffTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPULowerDiffTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU temperature is about to reach the upper major threshold. (Generated)	Current	Major	0x00000029

7.1.6.36 hwCPULowerDiffTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPULowerDiffTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU temperature is about to reach the upper major threshold. (Cleared)	Current	Major	0x0000002A

7.1.6.37 hwCPUAccessDTSTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.59

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessDTSTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU DTS temperature. (Generated)	Current	Minor	0x0000003 B

7.1.6.38 hwCPUAccessDTSTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.60

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessDTSTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU DTS temperature. (Cleared)	Current	Minor	0x0000003 C

7.1.6.39 hwCPUAccessVRDTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVRDTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VRD temperature. (Generated)	Current	Minor	0x0000006 1

7.1.6.40 hwCPUAccessVRDTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVRDTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VRD temperature. (Cleared)	Current	Minor	0x00000062

7.1.6.41 hwCPUAccessCoreVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.99

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessCoreVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU Core voltage. (Generated)	Current	Minor	0x00000063

7.1.6.42 hwCPUAccessCoreVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.100

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessCoreVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU Core voltage. (Cleared)	Current	Minor	0x00000064

7.1.6.43 hwCPUVoltLow

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.101

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltLow	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU undervoltage. (Generated)	Current	Minor	0x00000065

7.1.6.44 hwCPUVoltLowDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.102

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltLowDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU undervoltage. (Cleared)	Current	Minor	0x00000066

7.1.6.45 hwCPUVoltHigh

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.103

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltHigh	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU overvoltage. (Generated)	Current	Minor	0x00000067

7.1.6.46 hwCPUVoltHighDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.104

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVoltHighDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU overvoltage. (Cleared)	Current	Minor	0x00000068

7.1.6.47 hwCPUVDDQOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.105

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVDDQOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VDDQ overheating major alarm. (Generated)	Current	Major	0x00000069

7.1.6.48 hwCPUVDDQOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.106

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVDDQOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VDDQ overheating major alarm. (Cleared)	Current	Major	0x0000006A

7.1.6.49 hwCPUMarginFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.107

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMarginFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU margin. (Generated)	Current	Minor	0x0000006B

7.1.6.50 hwCPUMarginFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.108

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMarginFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU margin. (Cleared)	Current	Minor	0x0000006C

7.1.7 hwMainboardEvent

7.1.7.1 hwMainboard3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 3.3V undervoltage major alarm. (Generated)	Current	Major	0x10000001

7.1.7.2 hwMainboard3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x10000002

7.1.7.3 hwMainboard3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 3.3V overvoltage major alarm. (Generated)	Current	Major	0x10000003

7.1.7.4 hwMainboard3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x10000004

7.1.7.5 hwMainboard5VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard5VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 5V undervoltage major alarm. (Generated)	Current	Major	0x1000000 5

7.1.7.6 hwMainboard5VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard5VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 5V undervoltage major alarm. (Cleared)	Current	Major	0x1000000 6

7.1.7.7 hwMainboard5VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard5VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 5V overvoltage major alarm. (Generated)	Current	Major	0x10000007

7.1.7.8 hwMainboard5VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard5VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 5V overvoltage major alarm. (Cleared)	Current	Major	0x10000008

7.1.7.9 hwMainboard12VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard12VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 12V undervoltage major alarm. (Generated)	Current	Major	0x10000009

7.1.7.10 hwMainboard12VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard12VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 12V undervoltage major alarm. (Cleared)	Current	Major	0x1000000 A

7.1.7.11 hwMainboard12VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard12VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 12V overvoltage major alarm. (Generated)	Current	Major	0x1000000 B

7.1.7.12 hwMainboard12VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard12VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 12V overvoltage major alarm. (Cleared)	Current	Major	0x1000000C

7.1.7.13 hwMainboardRTCLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRTCLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RTC battery undervoltage. (Generated)	Current	Major	0x1000000D

7.1.7.14 hwMainboardRTCLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRTCLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RTC battery undervoltage. (Cleared)	Current	Major	0x1000000E

7.1.7.15 hwMainboardStdby3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 3.3V undervoltage major alarm. (Generated)	Current	Major	0x1000000F

7.1.7.16 hwMainboardStdby3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x10000010

7.1.7.17 hwMainboardStdby3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 3.3V overvoltage major alarm. (Generated)	Current	Major	0x1000001 1

7.1.7.18 hwMainboardStdby3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x1000001 2

7.1.7.19 hwMainboardIncorrectHWAddr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardIncorrectHWAddr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect hardware address of board. (Generated)	Current	Major	0x1000001 3

7.1.7.20 hwMainboardIncorrectHWAddrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardIncorrectHWAddrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect hardware address of board. (Cleared)	Current	Major	0x10000014

7.1.7.21 hwMainboardCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardCPLDSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard CPLD self-test status. (Generated)	Current	Major	0x10000015

7.1.7.22 hwMainboardCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.22

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardCPLDSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard CPLD self-test status. (Cleared)	Current	Major	0x10000016

7.1.7.23 hwMainboardPSFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardPSFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard power supply failure. (Generated)	Current	Major	0x10000017

7.1.7.24 hwMainboardPSFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardPSFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard power supply failure. (Cleared)	Current	Major	0x10000018

7.1.7.25 hwMainboardAccessSlotFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessSlotFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect slot number. (Generated)	Current	Major	0x10000019

7.1.7.26 hwMainboardAccessSlotFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessSlotFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect slot number. (Cleared)	Current	Major	0x1000001A

7.1.7.27 hwMainboardNotProperlyInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.27

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardNotProperlyInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Board not securely installed. (Generated)	Current	Major	0x1000001 B

7.1.7.28 hwMainboardNotProperlyInstalledDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardNotProperlyInstalledDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Board not securely installed. (Cleared)	Current	Major	0x1000001 C

7.1.7.29 hwMainboardAccessBoardIDFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessBoardIDFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect board ID. (Generated)	Current	Major	0x1000001 D

7.1.7.30 hwMainboardAccessBoardIDFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessBoardIDFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect board ID. (Cleared)	Current	Major	0x1000001E

7.1.7.31 hwMainboardStdby1VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1V undervoltage major alarm. (Generated)	Current	Major	0x1000001F

7.1.7.32 hwMainboardStdby1VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.32

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1VLow erVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1V undervoltage major alarm. (Cleared)	Current	Major	0x1000002 0

7.1.7.33 hwMainboardStdby1VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1VOve rVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1V overvoltage major alarm. (Generated)	Current	Major	0x1000002 1

7.1.7.34 hwMainboardStdby1VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1VOve rVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1V overvoltage major alarm. (Cleared)	Current	Major	0x1000002 2

7.1.7.35 hwMainboardStdby2V5LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby2V5LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 2.5V undervoltage major alarm. (Generated)	Current	Major	0x10000023

7.1.7.36 hwMainboardStdby2V5LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby2V5LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 2.5V undervoltage major alarm. (Cleared)	Current	Major	0x10000024

7.1.7.37 hwMainboardStdby2V5OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.37

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby2V5OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 2.5V overvoltage major alarm. (Generated)	Current	Major	0x10000025

7.1.7.38 hwMainboardStdby2V5OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby2V5OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 2.5V overvoltage major alarm. (Cleared)	Current	Major	0x10000026

7.1.7.39 hwMainboard1VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1V undervoltage major alarm. (Generated)	Current	Major	0x10000027

7.1.7.40 hwMainboard1VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1V undervoltage major alarm. (Cleared)	Current	Major	0x10000028

7.1.7.41 hwMainboard1VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1V overvoltage major alarm. (Generated)	Current	Major	0x10000029

7.1.7.42 hwMainboard1VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.42

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1V overvoltage major alarm. (Cleared)	Current	Major	0x1000002 A

7.1.7.43 hwMainboard1V5LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V5LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1.5V undervoltage major alarm. (Generated)	Current	Major	0x1000002 B

7.1.7.44 hwMainboard1V5LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V5LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1.5V undervoltage major alarm. (Cleared)	Current	Major	0x1000002 C

7.1.7.45 hwMainboard1V5OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V5OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1.5V overvoltage major alarm. (Generated)	Current	Major	0x1000002D

7.1.7.46 hwMainboard1V5OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V5OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard 1.5V overvoltage major alarm. (Cleared)	Current	Major	0x1000002E

7.1.7.47 hwMainboardMOSOverVoltageMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.47

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverVoltageMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large voltage difference on mainboard MOSFET (major alarm). (Generated)	Current	Major	0x1000002F

7.1.7.48 hwMainboardMOSOverVoltageMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.48

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverVoltageMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large voltage difference on mainboard MOSFET (major alarm). (Cleared)	Current	Major	0x10000030

7.1.7.49 hwMainboardMOSOverVoltageCritical

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverVoltageCritical	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large voltage difference on mainboard MOSFET (critical alarm). (Generated)	Current	Critical	0x10000031

7.1.7.50 hwMainboardMOSOverVoltageCriticalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverVoltageCriticalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large voltage difference on mainboard MOSFET (critical alarm). (Cleared)	Current	Critical	0x10000032

7.1.7.51 hwMainboardStdby5VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby5VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 5V undervoltage major alarm. (Generated)	Current	Major	0x10000033

7.1.7.52 hwMainboardStdby5VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.52

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby5VLow erVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 5V undervoltage major alarm. (Cleared)	Current	Major	0x1000003 4

7.1.7.53 hwMainboardStdby5VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.53

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby5VOve rVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 5V overvoltage major alarm. (Generated)	Current	Major	0x1000003 5

7.1.7.54 hwMainboardStdby5VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.54

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby5VOve rVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 5V overvoltage major alarm. (Cleared)	Current	Major	0x1000003 6

7.1.7.55 hwMainboard1V1LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.59

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V1LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 1.1V undervoltage major alarm. (Generated)	Current	Major	0x1000003 B

7.1.7.56 hwMainboard1V1LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.60

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V1LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 1.1V undervoltage major alarm. (Cleared)	Current	Major	0x1000003 C

7.1.7.57 hwMainboard1V1OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.61

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V1OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 1.1V overvoltage major alarm. (Generated)	Current	Major	0x1000003 D

7.1.7.58 hwMainboard1V1OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboard1V1OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System 1.1V overvoltage major alarm. (Cleared)	Current	Major	0x1000003 E

7.1.7.59 hwMainboardStdby1V2LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V2LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1.2V undervoltage major alarm. (Generated)	Current	Major	0x1000003 F

7.1.7.60 hwMainboardStdby1V2LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.64

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V2LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1.2V undervoltage major alarm. (Cleared)	Current	Major	0x10000040

7.1.7.61 hwMainboardStdby1V2OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V2OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1.2V overvoltage major alarm. (Generated)	Current	Major	0x10000041

7.1.7.62 hwMainboardStdby1V2OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.66

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V2OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard standby 1.2V overvoltage major alarm. (Cleared)	Current	Major	0x10000042

7.1.7.63 hwMainboardNotInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.75

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardNotInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard not installed.	Current	OK	0x1000004B

7.1.7.64 hwMainboardNotPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.77

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardNotPowerOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard installed but powered off.	Current	OK	0x1000004D

7.1.7.65 hwMainboardReqPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.79

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardReqPowerOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard requesting power-on.	Current	OK	0x1000004F

7.1.7.66 hwMainboardBeingPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardBeingPowerOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard in power-on process.	Current	OK	0x10000051

7.1.7.67 hwMainboardPoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.83

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardPoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard powered on.	Current	OK	0x1000005 3

7.1.7.68 hwMainboardReqPowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.85

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardReqPowerOf f	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard requesting power-off.	Current	OK	0x1000005 5

7.1.7.69 hwMainboardBeingPowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.87

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardBeingPower Off	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard in power-off process.	Current	OK	0x1000005 7

7.1.7.70 hwMainboardAndManageBoardCommLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.89

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAndManageBoardCommLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard-MM communication interrupted. (Generated)	Current	Major	0x10000059

7.1.7.71 hwMainboardAndManageBoardCommLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.90

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAndManageBoardCommLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard-MM communication interrupted. (Cleared)	Current	Major	0x1000005A

7.1.7.72 hwMainboardMOSOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.91

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit overheating minor alarm. (Generated)	Current	Minor	0x1000005 B

7.1.7.73 hwMainboardMOSOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.92

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit overheating minor alarm. (Cleared)	Current	Minor	0x1000005 C

7.1.7.74 hwMainboardSoftStartPGAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.93

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartPGAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit power supply abnormal. (Generated)	Current	Minor	0x1000005 D

7.1.7.75 hwMainboardSoftStartPGAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.94

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartPG AbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit power supply abnormal. (Cleared)	Current	Minor	0x1000005 E

7.1.7.76 hwMainboardSoftStartFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.95

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Critical fault on soft-start circuit. (Generated)	Current	Major	0x1000005 F

7.1.7.77 hwMainboardSoftStartFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.96

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Critical fault on soft-start circuit. (Cleared)	Current	Major	0x10000060

7.1.7.78 hwMainboardVideoControlFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardVideoControlFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Video controller fault. (Generated)	Current	Critical	0x10000061

7.1.7.79 hwMainboardVideoControlFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardVideoControlFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Video controller fault. (Cleared)	Current	Critical	0x10000062

7.1.7.80 hwMainboardAccess3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.99

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 3.3V voltage. (Generated)	Current	Minor	0x10000063

7.1.7.81 hwMainboardAccess3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.100

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 3.3V voltage. (Cleared)	Current	Minor	0x10000064

7.1.7.82 hwMainboardAccess5VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.101

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess5VFai lure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 5V voltage. (Generated)	Current	Minor	0x1000006 5

7.1.7.83 hwMainboardAccess5VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.102

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess5VFai lureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 5V voltage. (Cleared)	Current	Minor	0x1000006 6

7.1.7.84 hwMainboardAccess12VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.103

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess12VF ailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 12V voltage. (Generated)	Current	Minor	0x1000006 7

7.1.7.85 hwMainboardAccess12VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.104

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess12VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 12V voltage. (Cleared)	Current	Minor	0x10000068

7.1.7.86 hwMainboardAccess1V1Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.105

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess1V1Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 1.1V voltage. (Generated)	Current	Minor	0x10000069

7.1.7.87 hwMainboardAccess1V1FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.106

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess1V1FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 1.1V voltage. (Cleared)	Current	Minor	0x1000006 A

7.1.7.88 hwMainboardAccess1V5Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.107

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess1V5Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 1.5V voltage. (Generated)	Current	Minor	0x1000006 B

7.1.7.89 hwMainboardAccess1V5FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.108

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess1V5FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read system 1.5V voltage. (Cleared)	Current	Minor	0x1000006 C

7.1.7.90 hwMainboardAccessStdby5VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.109

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby5VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 5V voltage. (Generated)	Current	Minor	0x1000006D

7.1.7.91 hwMainboardAccessStdby5VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.110

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby5VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 5V voltage. (Cleared)	Current	Minor	0x1000006E

7.1.7.92 hwMainboardAccessStdby3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.111

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 3.3V voltage. (Generated)	Current	Minor	0x1000006F

7.1.7.93 hwMainboardAccessStdby3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.112

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 3.3V voltage. (Cleared)	Current	Minor	0x10000070

7.1.7.94 hwMainboardAccessStdby2V5Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby2V5Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 2.5V voltage. (Generated)	Current	Minor	0x10000071

7.1.7.95 hwMainboardAccessStdby2V5FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby2V5FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 2.5V voltage. (Cleared)	Current	Minor	0x10000072

7.1.7.96 hwMainboardAccessStdby1V5Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.115

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V5Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.5V voltage. (Generated)	Current	Minor	0x10000073

7.1.7.97 hwMainboardAccessStdby1V5FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.116

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V5FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.5V voltage. (Cleared)	Current	Minor	0x10000074

7.1.7.98 hwMainboardAccessStdby1V2Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.117

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V2Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.2V voltage. (Generated)	Current	Minor	0x10000075

7.1.7.99 hwMainboardAccessStdby1V2FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.118

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V2FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.2V voltage. (Cleared)	Current	Minor	0x10000076

7.1.7.100 hwMainboardAccessStdby1V1Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.119

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V1Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.1V voltage. (Generated)	Current	Minor	0x1000007 7

7.1.7.101 hwMainboardAccessStdby1V1FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.120

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V1FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.1V voltage. (Cleared)	Current	Minor	0x1000007 8

7.1.7.102 hwMainboardAccessStdby1VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.121

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1V voltage. (Generated)	Current	Minor	0x10000079

7.1.7.103 hwMainboardAccessStdby1VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.122

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1V voltage. (Cleared)	Current	Minor	0x1000007A

7.1.7.104 hwMainboardMOSAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.123

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read MOSFET voltage. (Generated)	Current	Minor	0x1000007B

7.1.7.105 hwMainboardMOSAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.124

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOSAccess VoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read MOSFET voltage. (Cleared)	Current	Minor	0x1000007 C

7.1.7.106 hwMainboardAccessFRULableFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.137

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessFRULableFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mainboard FRU data. (Generated)	Current	Minor	0x1000008 9

7.1.7.107 hwMainboardAccessFRULableFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.138

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessFRUListableFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mainboard FRU data. (Cleared)	Current	Minor	0x1000008A

7.1.7.108 hwMainboardStdby1V1LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.139

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V1LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.1V undervoltage major alarm. (Generated)	Current	Major	0x1000008B

7.1.7.109 hwMainboardStdby1V1LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.140

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V1LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.1V undervoltage major alarm. (Cleared)	Current	Major	0x1000008C

7.1.7.110 hwMainboardStdby1V1OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.141

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V1OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.1V overvoltage major alarm. (Generated)	Current	Major	0x1000008 D

7.1.7.111 hwMainboardStdby1V1OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.142

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V1OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.1V overvoltage major alarm. (Cleared)	Current	Major	0x1000008 E

7.1.7.112 hwMainboardStdby1V5LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.143

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V5LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.5V undervoltage major alarm. (Generated)	Current	Major	0x1000008F

7.1.7.113 hwMainboardStdby1V5LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.144

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V5LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.5V undervoltage major alarm. (Cleared)	Current	Major	0x10000090

7.1.7.114 hwMainboardStdby1V5OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.145

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V5OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.5V overvoltage major alarm. (Generated)	Current	Major	0x10000091

7.1.7.115 hwMainboardStdby1V5OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.146

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V5OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.5V overvoltage major alarm. (Cleared)	Current	Major	0x10000092

7.1.7.116 hwMainboardKeyboardControllerFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.147

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardKeyboardControllerFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PS/2 or USB keyboard controller fault. (Generated)	Current	Critical	0x10000093

7.1.7.117 hwMainboardKeyboardControllerFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.148

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardKeyboardControllerFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PS/2 or USB keyboard controller fault. (Cleared)	Current	Critical	0x10000094

7.1.7.118 hwMainboardMOS2OverVoltageMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.157

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOS2OverVoltageMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large MOS2 voltage difference on mainboard (major alarm). (Generated)	Current	Major	0x1000009D

7.1.7.119 hwMainboardMOS2OverVoltageMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.158

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardMOS2OverVoltageMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large MOS2 voltage difference on mainboard (major alarm). (Cleared)	Current	Major	0x1000009E

7.1.7.120 hwMainboardStdby1V8LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.161

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V8LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.8V undervoltage major alarm. (Generated)	Current	Major	0x100000A1

7.1.7.121 hwMainboardStdby1V8LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.162

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V8LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.8V undervoltage major alarm. (Cleared)	Current	Major	0x100000A2

7.1.7.122 hwMainboardStdby1V8OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.163

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V8OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.8V overvoltage major alarm. (Generated)	Current	Major	0x100000A3

7.1.7.123 hwMainboardStdby1V8OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.164

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStdby1V8OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Standby 1.8V overvoltage major alarm. (Cleared)	Current	Major	0x100000A4

7.1.7.124 hwMainboardAccessStdby1V8Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.165

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V8Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.8V voltage. (Generated)	Current	Minor	0x100000A5

7.1.7.125 hwMainboardAccessStdby1V8FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.166

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessStdby1V8FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read standby 1.8V voltage. (Cleared)	Current	Minor	0x100000A6

7.1.7.126 hwMainboardAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.167

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage. (Generated)	Current	Minor	0x100000A7

7.1.7.127 hwMainboardAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.168

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage. (Cleared)	Current	Minor	0x100000A8

7.1.7.128 hwMainboardSoftStartLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.183

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit undervoltage major alarm. (Generated)	Current	Major	0x100000B7

7.1.7.129 hwMainboardSoftStartLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.184

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit undervoltage major alarm. (Cleared)	Current	Major	0x100000B8

7.1.7.130 hwMainboardWOLSignalError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.185

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardWOLSignalError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The WOL signal triggered by the mezzanine card is abnormal.(Generated)	Current	Major	0x100000B9

7.1.7.131 hwMainboardWOLSignalErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.186

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardWOLSignalErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The WOL signal triggered by the mezzanine card is abnormal.(Cleared)	Current	Major	0x100000BA

7.1.7.132 hwMainboardStartUpOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.193

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStartUpOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit. (Generated)	Current	Major	0x100000C1

7.1.7.133 hwMainboardStartUpOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.194

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardStartUpOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit .(Cleared)	Current	Major	0x100000C2

7.1.8 hwRAIDCardEvent

7.1.8.1 hwRAIDCardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card overheating minor alarm. (Generated)	Current	Minor	0x0600000 B

7.1.8.2 hwRAIDCardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card overheating minor alarm. (Cleared)	Current	Minor	0x0600000 C

7.1.8.3 hwRAIDCardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card installed.	Current	OK	0x0600000 1

7.1.8.4 hwRAIDCardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card removed.	Current	OK	0x0600000 3

7.1.8.5 hwRAIDCardFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card fault. (Generated)	Current	Major	0x0600000 5

7.1.8.6 hwRAIDCardFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card fault. (Cleared)	Current	Major	0x06000006

7.1.8.7 hwRAIDCardUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card MCE/AER error. (Generated)	Current	Critical	0x06000007

7.1.8.8 hwRAIDCardUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card MCE/AER error. (Cleared)	Current	Critical	0x06000008

7.1.8.9 hwRAIDCardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read RAID controller card temperature. (Generated)	Current	Minor	0x0600000D

7.1.8.10 hwRAIDCardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read RAID controller card temperature. (Cleared)	Current	Minor	0x0600000E

7.1.8.11 hwRAIDBBULowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.15

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBULowerVoltag e	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU undervoltage. (Generated)	Current	Major	0x0600000 F

7.1.8.12 hwRAIDBBULowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBULowerVoltag eDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU undervoltage. (Cleared)	Current	Major	0x0600001 0

7.1.8.13 hwRAIDBBUFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBUFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU fault. (Generated)	Current	Major	0x0600001 1

7.1.8.14 hwRAIDBBUFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBUFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU fault. (Cleared)	Current	Major	0x06000012

7.1.8.15 hwRAIDBBUNotPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBUNotPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU not detected.	Current	OK	0x06000013

7.1.8.16 hwRAIDBBUPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDBBUPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU detected.	Current	OK	0x06000015

7.1.8.17 hwRAIDCardOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card overheating major alarm. (Generated).	Current	Major	0x06000017

7.1.8.18 hwRAIDCardOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card overheating major alarm. (Cleared).	Current	Major	0x06000018

7.1.9 hwPSUEvent

7.1.9.1 hwPSUInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU installed.	Current	OK	0x0300000 3

7.1.9.2 hwPSURemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSURemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU removed.	Current	OK	0x0300000 5

7.1.9.3 hwPSURedundancyLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSURedundancyLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supply redundancy lost. (Generated)	Current	Major	0x03000007

7.1.9.4 hwPSURedundancyLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSURedundancyLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supply redundancy lost. (Cleared)	Current	Major	0x03000008

7.1.9.5 hwPSUFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU fault. (Generated)	Current	Major	0x03000009

7.1.9.6 hwPSUFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU fault. (Cleared)	Current	Major	0x0300000 A

7.1.9.7 hwPSUPredictiveFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUPredictiveFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU predictive fault. (Generated)	Current	Minor	0x0300000 B

7.1.9.8 hwPSUPredictiveFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUPredictiveFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU predictive fault. (Cleared)	Current	Minor	0x0300000C

7.1.9.9 hwPSUInputLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUInputLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Input power lost. (Generated)	Current	Critical	0x0300000D

7.1.9.10 hwPSUInputLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUInputLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Input power lost. (Cleared)	Current	Critical	0x0300000E

7.1.9.11 hwPSUFanFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUFanFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU fan fault. (Generated)	Current	Major	0x0300000 F

7.1.9.12 hwPSUFanFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUFanFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU fan fault. (Cleared)	Current	Major	0x0300001 0

7.1.9.13 hwPSUOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU overheating. (Generated)	Current	Major	0x0300001 1

7.1.9.14 hwPSUOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU overheating. (Cleared)	Current	Major	0x0300001 2

7.1.9.15 hwPSUCommunicationFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUCommunicationFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Communication with PSU failed. (Generated)	Current	Minor	0x0300001 3

7.1.9.16 hwPSUCommunicationFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUCommunicationFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Communication with PSU failed. (Cleared)	Current	Minor	0x03000014

7.1.10 hwBasePlaneEvent

7.1.10.1 hwBasePlaneNotInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneNotInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module not installed.	Current	OK	0x1D000001

7.1.10.2 hwBasePlanePowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module installed but powered off.	Current	OK	0x1D00000 3

7.1.10.3 hwBasePlanePowerOnReq

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePowerOnReq	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module requesting power-on.	Current	OK	0x1D00000 5

7.1.10.4 hwBasePlaneBeingPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneBeingPowerO n	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module in power-on process.	Current	OK	0x1D00000 7

7.1.10.5 hwBasePlanePoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module powered on.	Current	OK	0x1D000009

7.1.10.6 hwBasePlanePowerOffReq

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePowerOffReq	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module requesting power-off.	Current	OK	0x1D00000B

7.1.10.7 hwBasePlaneBeingPowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.13

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneBeingPowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module in power-off process.	Current	OK	0x1D00000D

7.1.10.8 hwBasePlaneLSWFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module service LSW fault. (Generated)	Current	Major	0x1D000011

7.1.10.9 hwBasePlaneLSWFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base module service LSW fault. (Cleared)	Current	Major	0x1D000012

7.1.10.10 hwBasePlaneLSWOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane LSW overheating minor alarm. (Generated)	Current	Minor	0x1D000013

7.1.10.11 hwBasePlaneLSWOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane LSW overheating minor alarm. (Cleared)	Current	Minor	0x1D000014

7.1.10.12 hwBasePlaneLSWOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane LSW overheating major alarm. (Generated)	Current	Major	0x1D000015

7.1.10.13 hwBasePlaneLSWOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane LSW overheating major alarm. (Cleared)	Current	Major	0x1D000016

7.1.10.14 hwBasePlaneLSWAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane LSW temperature. (Generated)	Current	Minor	0x1D000017

7.1.10.15 hwBasePlaneLSWAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane LSW temperature. (Cleared)	Current	Minor	0x1D000018

7.1.10.16 hwBasePlaneLSWLowerVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWLowerVoltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane switch voltage below lower major threshold. (Generated)	Current	Major	0x1D000019

7.1.10.17 hwBasePlaneLSWLowerVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWLowerVolMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane switch voltage below lower major threshold. (Cleared)	Current	Major	0x1D00001 A

7.1.10.18 hwBasePlaneLSWOverVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverVoltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane switch overvoltage major alarm. (Generated)	Current	Major	0x1D00001 B

7.1.10.19 hwBasePlaneLSWOverVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWOverVoltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane switch overvoltage major alarm. (Cleared)	Current	Major	0x1D00001 C

7.1.10.20 hwBasePlaneLSWAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWAccessVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane switch voltage. (Generated)	Current	Minor	0x1D00001D

7.1.10.21 hwBasePlaneLSWAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneLSWAccessVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane switch voltage. (Cleared)	Current	Minor	0x1D00001E

7.1.10.22 hwBasePlaneCPULowerVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.31

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPULowerVo ltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU voltage below lower major threshold. (Generated)	Current	Major	0x1D00001 F

7.1.10.23 hwBasePlaneCPULowerVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPULowerVo ltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU voltage below lower major threshold. (Cleared)	Current	Major	0x1D00002 0

7.1.10.24 hwBasePlaneCPUOverVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverVolt Major	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overvoltage major alarm. (Generated)	Current	Major	0x1D00002 1

7.1.10.25 hwBasePlaneCPUOverVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverVoltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overvoltage major alarm. (Cleared)	Current	Major	0x1D000022

7.1.10.26 hwBasePlaneCPUAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUAccessVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane CPU voltage. (Generated)	Current	Minor	0x1D000023

7.1.10.27 hwBasePlaneCPUAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.36

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUAccessV oltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane CPU voltage. (Cleared)	Current	Minor	0x1D00002 4

7.1.10.28 hwBasePlaneRestart

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneRestart	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane Restart.	Current	OK	0x1D00002 D

7.1.11 hwBMCEvent

7.1.11.1 hwBMCEEPSelfCheckFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCEEPSelfCheckFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	BMC EEPROM self-test status. (Generated)	Current	Major	0x1A000007

7.1.11.2 hwBMCEEPSelfCheckFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCEEPSelfCheckFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	BMC EEPROM self-test status. (Cleared)	Current	Major	0x1A000008

7.1.11.3 hwBMCStatelessCFGFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCStatelessCFGFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Stateless computing event in chassis. (Generated)	Current	OK	0x1A000009

7.1.11.4 hwBMCStatelessCFGFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCStatelessCFGFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Stateless computing event in chassis. (Cleared)	Current	OK	0x1A00000A

7.1.11.5 hwBMCVersionChanged

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCVersionChanged	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Version changed.	Current	OK	0x1A00000B

7.1.11.6 hwBMCRestartedAfterPowerRestored

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.13

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCRestartedAfterPowerRestored	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	BMC started after AC power restored.	Current	OK	0x1A00000D

7.1.11.7 hwBMCEventCleared

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCEventCleared	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Event log cleared.	Current	OK	0x1A00000F

7.1.11.8 hwBMCEventSpaceExceedThreshold

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCEventSpaceExceedThreshold	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Event log is about to full. (Generated)	Current	OK	0x1A000011

7.1.11.9 hwBMCEventSpaceExceedThresholdDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCEventSpaceExceedThresholdDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Event log is about to full. (Cleared)	Current	OK	0x1A000012

7.1.11.10 hwBMCMMHeartBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCMMHeartBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-MM heartbeat abnormal. (Generated)	Current	Major	0x1A000013

7.1.11.11 hwBMCMMHeartBeatFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.20

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCMMHeartBeatFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-MM heartbeat abnormal. (Cleared)	Current	Major	0x1A000014

7.1.11.12 hwBMCBaseplaneHeartBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCBaseplaneHeartBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Base heartbeat abnormal. (Generated)	Current	Major	0x1A000015

7.1.11.13 hwBMCBaseplaneHeartBeatFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCBaseplaneHeartBeatFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Base heartbeat abnormal. (Cleared)	Current	Major	0x1A000016

7.1.11.14 hwBMCFabricplaneHeartBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCFabricplaneHeartBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Fabric heartbeat abnormal. (Generated)	Current	Major	0x1A000017

7.1.11.15 hwBMCFabricplaneHeartBeatDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCFabricplaneHeartBeatDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Fabric heartbeat abnormal. (Cleared)	Current	Major	0x1A000018

7.1.11.16 hwBMCSlaveBMCHearBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.25

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCSlaveBMCHearBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Active-standby iBMC heartbeat abnormal. (Generated)	Current	Major	0x1A000019

7.1.11.17 hwBMCSlaveBMCHearBeatFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCSlaveBMCHearBeatFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Active-standby iBMC heartbeat abnormal. (Cleared)	Current	Major	0x1A00001A

7.1.11.18 hwBMCOPLogSpaceExceedThreshold

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCOPLogSpaceExceededThreshold	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Operation log is about to full. (Generated)	Current	OK	0x1A00001B

7.1.11.19 hwBMCOPLogSpaceExceedThresholdDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCOPLogSpaceExceededThresholdDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Operation log is about to full. (Cleared)	Current	OK	0x1A00001C

7.1.11.20 hwBMCSecureLogSpaceExceedThreshold

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCSecureLogSpaceExceedThreshold	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Security log is about to full. (Generated)	Current	OK	0x1A00001D

7.1.11.21 hwBMCSecureLogSpaceExceedThresholdDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.30

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCSecureLogSpaceExceedThresholdDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Security log is about to full. (Cleared)	Current	OK	0x1A00001E

7.1.11.22 hwBMCLSWFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLSWFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Management LSW chip fault. (Generated)	Current	Major	0x1A00001F

7.1.11.23 hwBMCLSWFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLSWFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Management LSW chip fault. (Cleared)	Current	Major	0x1A000020

7.1.11.24 hwBMCResetandStarted

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCResetandStarted	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC reset and started.	Current	OK	0x1A000021

7.1.11.25 hwBMCCertOverDue

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCCertOverDue	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Certificate expiration check. (Generated)	Current	OK	0x1A000023

7.1.11.26 hwBMCCertOverDueDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.36

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCCertOverDueDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Certificate expiration check. (Cleared)	Current	OK	0x1A000024

7.1.11.27 hwBMCLostBmaHeartBeat

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLostBmaHeartBeat	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-BMA heartbeat lost. (Generated)	Current	OK	0x1A000025

7.1.11.28 hwBMCLostBmaHeartBeatDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLostBmaHeartBeatDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-BMA heartbeat lost. (Cleared)	Current	OK	0x1A000026

7.1.11.29 hwBMCNodeBMCHearBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNodeBMCHearBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Node heartbeat abnormal. (Generated)	Current	Major	0x1A000027

7.1.11.30 hwBMCNodeBMCHearBeatFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNodeBMCHearBeatFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	iBMC-Node heartbeat abnormal. (Cleared)	Current	Major	0x1A000028

7.1.12 hwCableEvent

7.1.12.1 hwCableSASIncorrectConnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSASIncorrectConnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect SAS cable connection. (Generated)	Current	Major	0x2800000 1

7.1.12.2 hwCableSASIncorrectConnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSASIncorrectConnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect SAS cable connection. (Cleared)	Current	Major	0x2800000 2

7.1.12.3 hwCableCPLDIncorrectConnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCPLDIncorrectConnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper CPLD signal cable connection. (Generated)	Current	Major	0x2800000 3

7.1.12.4 hwCableCPLDIncorrectConnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCPLDIncorrectConnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper CPLD signal cable connection. (Cleared)	Current	Major	0x28000004

7.1.12.5 hwCableQPILinkFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Abnormal QPI link between CPUs. (Generated)	Current	Major	0x28000005

7.1.12.6 hwCableQPILinkFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Abnormal QPI link between CPUs. (Cleared)	Current	Major	0x28000006

7.1.12.7 hwCableCXPLinkFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCXPLinkFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CXP cable lane drop or some logical link down. (Generated)	Current	Minor	0x28000007

7.1.12.8 hwCableCXPLinkFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCXPLinkFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CXP cable lane drop or some logical link down. (Cleared)	Current	Minor	0x28000008

7.1.12.9 hwCableCXPLinkDown

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCXPLinkDown	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CXP cable link down major alarm. (Generated)	Current	Major	0x28000009

7.1.12.10 hwCableCXPLinkDownDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableCXPLinkDownDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CXP cable link down major alarm. (Cleared)	Current	Major	0x2800000A

7.1.12.11 hwCableQPILinkDegrade

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkDegrade	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU QPI connection degraded. (Generated)	Current	Minor	0x2800000 B

7.1.12.12 hwCableQPILinkDegradeDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkDegrade Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU QPI connection degraded. (Cleared)	Current	Minor	0x2800000 C

7.1.12.13 hwCablePSBackplaneDisconnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwCablePSBackplaneDisc onnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper PS back plane cable connection. (Generated)	Current	Major	0x2800000 D

7.1.12.14 hwCablePSBackplaneDisconnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwCablePSBackplaneDisconnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper PS back plane cable connection. (Cleared)	Current	Major	0x2800000E

7.1.12.15 hwCableFanBackplaneDisconnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableFanBackplaneDisconnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper fan back plane cable connection. (Generated)	Current	Major	0x2800000F

7.1.12.16 hwCableFanBackplaneDisconnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.16

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableFanBackplaneDisc onnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper fan back plane cable connection. (Cleared)	Current	Major	0x28000010

7.1.12.17 hwCableAggregationPortDisconnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableAggregationPortDisconnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper aggregation port cable connection. (Generated)	Current	Major	0x28000011

7.1.12.18 hwCableAggregationPortDisconnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableAggregationPortDisconnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Improper aggregation port cable connection. (Cleared)	Current	Major	0x28000012

7.1.12.19 hwCableSLIMIncorrectConnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSLIMIncorrectConnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SLIM cable connection is abnormal. (Generated)	Current	Major	0x28000013

7.1.12.20 hwCableSLIMIncorrectConnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSLIMIncorrectConnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SLIM cable connection is abnormal. (Cleared)	Current	Major	0x28000014

7.1.13 hwCPUBoardEvent

7.1.13.1 hwCPUBoardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU board overheating minor alarm. (Generated)	Current	Minor	0x2400000 1

7.1.13.2 hwCPUBoardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU board overheating minor alarm. (Cleared)	Current	Minor	0x2400000 2

7.1.13.3 hwCPUBoardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU board temperature. (Generated)	Current	Minor	0x2400000 3

7.1.13.4 hwCPUBoardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU board temperature. (Cleared)	Current	Minor	0x24000004

7.1.14 hwDiskBackplaneEvent

7.1.14.1 hwDiskBackplanePSFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplanePSFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane power failure. (Generated)	Current	Major	0x05000001

7.1.14.2 hwDiskBackplanePSFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplanePSFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane power failure. (Cleared)	Current	Major	0x05000002

7.1.14.3 hwDiskBackplaneCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneCPLDSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane CPLD self-test failed. (Generated)	Current	Major	0x05000003

7.1.14.4 hwDiskBackplaneCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneCPLDSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane CPLD self-test failed. (Cleared)	Current	Major	0x05000004

7.1.14.5 hwDiskBackplaneLowerVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneLowerVo ltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane undervoltage major alarm. (Generated)	Current	Major	0x0500000 5

7.1.14.6 hwDiskBackplaneLowerVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneLowerVo ltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane undervoltage major alarm. (Cleared)	Current	Major	0x0500000 6

7.1.14.7 hwDiskBackplaneOverVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneOverVoltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane overvoltage major alarm. (Generated)	Current	Major	0x05000007

7.1.14.8 hwDiskBackplaneOverVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneOverVoltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane overvoltage major alarm. (Cleared)	Current	Major	0x05000008

7.1.14.9 hwDiskBackplaneAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneAccessVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read hard disk backplane voltage. (Generated)	Current	Minor	0x05000009

7.1.14.10 hwDiskBackplaneAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneAccessV oltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read hard disk backplane voltage. (Cleared)	Current	Minor	0x0500000 A

7.1.14.11 hwDiskBackplaneAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneAccessT empFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Access disk backplane temperature failed minor alarm. (Generated)	Current	Minor	0x0500000 D

7.1.14.12 hwDiskBackplaneAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.14

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Access disk backplane temperature failed minor alarm. (Cleared)	Current	Minor	0x0500000E

7.1.14.13 hwDiskBackplaneClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Disk backplane clock signals lost. (Generated)	Current	Major	0x05000011

7.1.14.14 hwDiskBackplaneClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplaneClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Disk backplane clock signals lost. (Cleared)	Current	Major	0x05000012

7.1.15 hwDiskEvent

7.1.15.1 hwDiskInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk installed.	Current	OK	0x02000003

7.1.15.2 hwDiskRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk removed.	Current	OK	0x02000005

7.1.15.3 hwDiskFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk fault. (Generated)	Current	Major	0x0200000 7

7.1.15.4 hwDiskFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk fault. (Cleared)	Current	Major	0x0200000 8

7.1.15.5 hwDiskPredictiveFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskPredictiveFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk predictive fault. (Generated)	Current	Minor	0x0200000 9

7.1.15.6 hwDiskPredictiveFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskPredictiveFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk predictive fault. (Cleared)	Current	Minor	0x0200000 A

7.1.15.7 hwDiskRAIDArrayInvalid

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRAIDArrayInvalid	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID array invalid. (Generated)	Current	Major	0x0200000 B

7.1.15.8 hwDiskRAIDArrayInvalidDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRAIDArrayInvalidDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID array invalid. (Cleared)	Current	Major	0x0200000C

7.1.15.9 hwDiskRAIDRebuildStart

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRAIDRebuildStart	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Starting to rebuild RAID.	Current	OK	0x0200000D

7.1.15.10 hwDiskRAIDRebuildComplete

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRAIDRebuildComplete	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk RAID rebuild completed.	Current	OK	0x0200000F

7.1.15.11 hwDiskUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk MCE/AER error. (Generated)	Current	Critical	0x02000013

7.1.15.12 hwDiskUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk MCE/AER error. (Cleared)	Current	Critical	0x02000014

7.1.15.13 hwDiskOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk overheating minor alarm. (Generated)	Current	Minor	0x02000015

7.1.15.14 hwDiskOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk overheating minor alarm. (Cleared)	Current	Minor	0x02000016

7.1.15.15 hwDiskAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read hard disk temperature. (Generated)	Current	Minor	0x02000017

7.1.15.16 hwDiskAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read hard disk temperature. (Cleared)	Current	Minor	0x02000018

7.1.15.17 hwDiskOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk overheating major alarm. (Generated)	Current	Major	0x02000019

7.1.15.18 hwDiskOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk overheating major alarm. (Cleared)	Current	Major	0x0200001 A

7.1.16 hwExpandEvent

7.1.16.1 hwExpandFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.51.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwExpandFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane expander fault. (Generated)	Current	Minor	0x3200000 1

7.1.16.2 hwExpandFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.51.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwExpandFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk backplane expander fault. (Cleared)	Current	Minor	0x3200000 2

7.1.17 hwFabricPlaneEvent

7.1.17.1 hwFabricPlaneLSWVDDLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVDDLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip VDD undervoltage major alarm. (Generated)	Current	Major	0x1E00000 1

7.1.17.2 hwFabricPlaneLSWVDDLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVDDOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip VDD undervoltage major alarm. (Cleared)	Current	Major	0x1E000002

7.1.17.3 hwFabricPlaneLSWVDDOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVDDOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip VDD overvoltage major alarm. (Generated)	Current	Major	0x1E000003

7.1.17.4 hwFabricPlaneLSWVDDOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVDDOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip VDD overvoltage major alarm. (Cleared)	Current	Major	0x1E000004

7.1.17.5 hwFabricPlaneLSWVcoreLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVcoreLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip Vcore undervoltage major alarm. (Generated)	Current	Major	0x1E000005

7.1.17.6 hwFabricPlaneLSWVcoreLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVcoreLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip Vcore undervoltage major alarm. (Cleared)	Current	Major	0x1E000006

7.1.17.7 hwFabricPlaneLSWVcoreOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVcoreOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip Vcore overvoltage major alarm. (Generated)	Current	Major	0x1E000007

7.1.17.8 hwFabricPlaneLSWVcoreOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWVcoreOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip Vcore overvoltage major alarm. (Cleared)	Current	Major	0x1E000008

7.1.17.9 hwFabricPlaneLSWOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip overheating minor alarm. (Generated)	Current	Minor	0x1E000009

7.1.17.10 hwFabricPlaneLSWOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip overheating minor alarm. (Cleared)	Current	Minor	0x1E00000A

7.1.17.11 hwFabricPlaneLSWOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip overheating major alarm. (Generated)	Current	Major	0x1E00000B

7.1.17.12 hwFabricPlaneLSWOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip overheating major alarm. (Cleared)	Current	Major	0x1E00000C

7.1.17.13 hwFabricPlaneCPUOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneCPUOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane CPU overheating minor alarm. (Generated)	Current	Minor	0x1E00000F

7.1.17.14 hwFabricPlaneCPUOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneCPUOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane CPU overheating minor alarm. (Cleared)	Current	Minor	0x1E000010

7.1.17.15 hwFabricPlaneCPUOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneCPUOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane CPU overheating major alarm. (Generated)	Current	Major	0x1E000011

7.1.17.16 hwFabricPlaneCPUOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneCPUOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane CPU overheating major alarm. (Cleared)	Current	Major	0x1E000012

7.1.17.17 hwFabricPlaneLSWFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip fault. (Generated)	Current	Major	0x1E000015

7.1.17.18 hwFabricPlaneLSWFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane LSW chip fault. (Cleared)	Current	Major	0x1E000016

7.1.17.19 hwFabricPlaneNotInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneNotInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module not installed.	Current	OK	0x1E000017

7.1.17.20 hwFabricPlanePowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlanePowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module installed but powered off.	Current	OK	0x1E000019

7.1.17.21 hwFabricPlaneReqPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneReqPowerOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module requesting power-on.	Current	OK	0x1E00001B

7.1.17.22 hwFabricPlaneBeingPoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.29

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneBeingPoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module in power-on process.	Current	OK	0x1E00001D

7.1.17.23 hwFabricPlanePoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlanePoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module powered on.	Current	OK	0x1E00001F

7.1.17.24 hwFabricPlaneReqPoweredOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneReqPoweredOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module requesting power-off.	Current	OK	0x1E000021

7.1.17.25 hwFabricPlaneInProgressPoweredOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneInProgressPoweredOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric module in power-off process.	Current	OK	0x1E000023

7.1.17.26 hwFabricPlaneLSWAccessVDDFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessVDDFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW chip VDD voltage. (Generated)	Current	Minor	0x1E000027

7.1.17.27 hwFabricPlaneLSWAccessVDDFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.40

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessVDDFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW chip VDD voltage. (Cleared)	Current	Minor	0x1E000028

7.1.17.28 hwFabricPlaneLSWAccessVcoreFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessVcoreFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW chip Vcore voltage. (Generated)	Current	Minor	0x1E000029

7.1.17.29 hwFabricPlaneLSWAccessVcoreFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessVcoreFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW chip Vcore voltage. (Cleared)	Current	Minor	0x1E00002A

7.1.17.30 hwFabricPlaneLSWAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW temperature. (Generated)	Current	Minor	0x1E00002B

7.1.17.31 hwFabricPlaneLSWAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane LSW temperature. (Cleared)	Current	Minor	0x1E00002C

7.1.17.32 hwFabricPlaneLSWAccessCPUTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.45

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccess CPUtempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane CPU temperature. (Generated)	Current	Minor	0x1E00002D

7.1.17.33 hwFabricPlaneLSWAccessCPUtempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneLSWAccess CPUtempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane CPU temperature. (Cleared)	Current	Minor	0x1E00002E

7.1.17.34 hwFabricPlaneSWLowerVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWLowerV oltMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch voltage below lower major threshold. (Generated)	Current	Major	0x1E00002F

7.1.17.35 hwFabricPlaneSWLowerVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.48

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWLowerV oltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch voltage below lower major threshold. (Cleared)	Current	Major	0x1E00003 0

7.1.17.36 hwFabricPlaneSWOverVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverVol tMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overvoltage major alarm. (Generated)	Current	Major	0x1E00003 1

7.1.17.37 hwFabricPlaneSWOverVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.50

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverVol tMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overvoltage major alarm. (Cleared)	Current	Major	0x1E00003 2

7.1.17.38 hwFabricPlaneSWAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWAccessV oltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane switch voltage. (Generated)	Current	Minor	0x1E00003 3

7.1.17.39 hwFabricPlaneSWAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWAccessV oltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Fabric plane switch voltage. (Cleared)	Current	Minor	0x1E00003 4

7.1.17.40 hwFabricPlaneSWOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.53

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overheating minor alarm. (Generated)	Current	Minor	0x1E000035

7.1.17.41 hwFabricPlaneSWOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.54

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overheating minor alarm. (Cleared)	Current	Minor	0x1E000036

7.1.17.42 hwFabricPlaneSWOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.55

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overheating major alarm. (Generated)	Current	Major	0x1E000037

7.1.17.43 hwFabricPlaneSWOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.56

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch overheating major alarm. (Cleared)	Current	Major	0x1E000038

7.1.17.44 hwFabricPlaneSWFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch fault. (Generated)	Current	Major	0x1E000039

7.1.17.45 hwFabricPlaneSWFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.58

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch fault. (Cleared)	Current	Major	0x1E00003 A

7.1.17.46 hwFabricPlaneRestart

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneRestart	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane Restart.	Current	OK	0x1E00003 F

7.1.18 hwFanEvent

7.1.18.1 hwFanInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan installed.	Current	OK	0x0400000 1

7.1.18.2 hwFanRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan removed.	Current	OK	0x0400000 3

7.1.18.3 hwFanSpeedDeviation

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanSpeedDeviation	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large fan speed deviation. (Generated)	Current	Major	0x0400000 7

7.1.18.4 hwFanSpeedDeviationDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanSpeedDeviationDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Large fan speed deviation. (Cleared)	Current	Major	0x0400000 8

7.1.19 hwIOBoardEvent

7.1.19.1 hwIOBoardInletMOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletMOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Middle of I/O board air inlet overheating minor alarm. (Generated)	Current	Minor	0x2300000 1

7.1.19.2 hwIOBoardInletMOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletMOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Middle of I/O board air inlet overheating minor alarm. (Cleared)	Current	Minor	0x23000002

7.1.19.3 hwIOBoardInletROverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletROverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Right of I/O board air inlet overheating minor alarm. (Generated)	Current	Minor	0x23000003

7.1.19.4 hwIOBoardInletROverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletROverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Right of I/O board air inlet overheating minor alarm. (Cleared)	Current	Minor	0x23000004

7.1.19.5 hwIOBoardInletLOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Left of I/O board air inlet overheating minor alarm. (Generated)	Current	Minor	0x2300000 5

7.1.19.6 hwIOBoardInletLOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Left of I/O board air inlet overheating minor alarm. (Cleared)	Current	Minor	0x2300000 6

7.1.19.7 hwIOBoardInletMAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletMAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the middle of I/O board air inlet. (Generated)	Current	Minor	0x23000007

7.1.19.8 hwIOBoardInletMAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletMAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the middle of I/O board air inlet. (Cleared)	Current	Minor	0x23000008

7.1.19.9 hwIOBoardInletRAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletRAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the right of I/O board air inlet. (Generated)	Current	Minor	0x23000009

7.1.19.10 hwIOBoardInletRAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletRAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the right of I/O board air inlet. (Cleared)	Current	Minor	0x2300000A

7.1.19.11 hwIOBoardInletLAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the left of I/O board air inlet. (Generated)	Current	Minor	0x2300000B

7.1.19.12 hwIOBoardInletLAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read temperature of the left of I/O board air inlet. (Cleared)	Current	Minor	0x2300000C

7.1.19.13 hwIOBoardInletLOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Left of the I/O board air inlet overtemperature. (Generated)	Current	Major	0x23000033

7.1.19.14 hwIOBoardInletLOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInletLOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Left of the I/O board air inlet overtemperature. (Cleared)	Current	Major	0x23000034

7.1.20 hwJCChipEvent

7.1.20.1 hwJCChipVMSEFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipVMSEFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU-JC VMSE error. (Generated)	Current	Minor	0x3800000 1

7.1.20.2 hwJCChipVMSEFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipVMSEFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU-JC VMSE error. (Cleared)	Current	Minor	0x3800000 2

7.1.20.3 hwJCChipOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU JC overheating minor alarm. (Generated)	Current	Minor	0x3800000 3

7.1.20.4 hwJCChipOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipOverTempMinor Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU JC overheating minor alarm. (Cleared)	Current	Minor	0x3800000 4

7.1.20.5 hwJCChipOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU JC overheating major alarm. (Generated)	Current	Major	0x3800000 5

7.1.20.6 hwJCChipOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU JC overheating major alarm. (Cleared)	Current	Major	0x38000006

7.1.20.7 hwJCChipAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU JC temperature. (Generated)	Current	Minor	0x38000007

7.1.20.8 hwJCChipAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.57.8

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwJCChipAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU JC temperature. (Cleared)	Current	Minor	0x38000008

7.1.21 hwLCDEvent

7.1.21.1 hwLCDInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.18.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD installed.	Current	OK	0x11000001

7.1.21.2 hwLCDRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.18.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD removed.	Current	OK	0x1100000 3

7.1.21.3 hwLCDModuleFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.18.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDModuleFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD fault. (Generated)	Current	Minor	0x1100000 5

7.1.21.4 hwLCDModuleFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.18.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwLCDModuleFaultDeass ert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LCD fault. (Cleared)	Current	Minor	0x1100000 6

7.1.22 hwMemoryBoardEvent

7.1.22.1 hwMemoryBoardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read memory board temperature. (Generated)	Current	Minor	0x0E000003

7.1.22.2 hwMemoryBoardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read memory board temperature. (Cleared)	Current	Minor	0x0E000004

7.1.23 hwMezzCardEvent

7.1.23.1 hwMezzCardOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overheating minor alarm. (Generated)	Current	Minor	0x0B000001

7.1.23.2 hwMezzCardOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overheating minor alarm. (Cleared)	Current	Minor	0x0B000002

7.1.23.3 hwMezzCardOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overheating major alarm. (Generated)	Current	Major	0x0B000003

7.1.23.4 hwMezzCardOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overheating major alarm. (Cleared)	Current	Major	0x0B000004

7.1.23.5 hwMezzCardUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card MCE/AER error. (Generated)	Current	Critical	0x0B000005

7.1.23.6 hwMezzCardUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card MCE/AER error. (Cleared)	Current	Critical	0x0B000006

7.1.23.7 hwMezzCardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card temperature. (Generated)	Current	Minor	0x0B000007

7.1.23.8 hwMezzCardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.8

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card temperature. (Cleared)	Current	Minor	0x0B000008

7.1.23.9 hwMezzCardNotInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardNotInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The mezzanine card is not installed.	Current	OK	0x0B000025

7.1.24 hwNCBoardEvent

7.1.24.1 hwNCBoardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.5

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM chip overheating minor alarm. (Generated)	Current	Minor	0x1300000 5

7.1.24.2 hwNCBoardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM chip overheating minor alarm. (Cleared)	Current	Minor	0x1300000 6

7.1.24.3 hwNCBoardBandwidthDegrade

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardBandwidthDegrade	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM chip bandwidth decreased by 50% or ECC error. (Generated)	Current	Minor	0x1300000 7

7.1.24.4 hwNCBoardBandwidthDegradeDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardBandwidthDegradeDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM chip bandwidth decreased by 50% or ECC error. (Cleared)	Current	Minor	0x13000008

7.1.24.5 hwNCBoardSEV2Fault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardSEV2Fault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SEV2 fault occurred on NCM chip. (Generated)	Current	Critical	0x13000009

7.1.24.6 hwNCBoardSEV2FaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.10

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardSEV2FaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SEV2 fault occurred on NCM chip. (Cleared)	Current	Critical	0x1300000A

7.1.24.7 hwNCBoardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NCM chip temperature. (Generated)	Current	Minor	0x1300000B

7.1.24.8 hwNCBoardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NCM chip temperature. (Cleared)	Current	Minor	0x1300000C

7.1.25 hwNetworkCardEvent

7.1.25.9 hwNetworkCardUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The NIC triggered an uncorrectable error.(Generated)	Current	Critical	0x0D000001

7.1.25.10 hwNetworkCardUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The NIC triggered an uncorrectable error.(Cleared)	Current	Critical	0x0D000002

7.1.25.11 hwNetworkCardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC overheating minor alarm. (Generated)	Current	Minor	0x0D00000 3

7.1.25.12 hwNetworkCardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardOverTemp Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC overheating minor alarm. (Cleared)	Current	Minor	0x0D00000 4

7.1.25.13 hwNetworkCardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NIC temperature. (Generated)	Current	Minor	0x0D00000 5

7.1.25.14 hwNetworkCardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NIC temperature. (Cleared)	Current	Minor	0x0D000006

7.1.26 hwPCIeCardEvent

7.1.26.1 hwPCIeCardUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card MCE/AER error. (Generated)	Current	Critical	0x08000001

7.1.26.2 hwPCIeCardUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card MCE/AER error. (Cleared)	Current	Critical	0x08000002

7.1.26.3 hwPCIeCardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overheating minor alarm. (Generated)	Current	Minor	0x08000003

7.1.26.4 hwPCIeCardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overheating minor alarm. (Cleared)	Current	Minor	0x08000004

7.1.26.5 hwPCIeCardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card temperature. (Generated)	Current	Minor	0x08000005

7.1.26.6 hwPCIeCardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card temperature. (Cleared)	Current	Minor	0x08000006

7.1.26.7 hwPCIeCardAccessFRULableFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessFRULableFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card FRU data. (Generated)	Current	Minor	0x08000007

7.1.26.8 hwPCIeCardAccessFRULableFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessFRULableFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card FRU data. (Cleared)	Current	Minor	0x08000008

7.1.26.9 hwPCIeCardBBULowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBULowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU undervoltage. (Generated)	Current	Major	0x08000039

7.1.26.10 hwPCIeCardBBULowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.58

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBULowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU undervoltage. (Cleared)	Current	Major	0x0800003A

7.1.26.11 hwPCIeCardBBUFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.59

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBUFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU fault. (Generated)	Current	Major	0x0800003B

7.1.26.12 hwPCIeCardBBUFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.60

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBUFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU fault. (Cleared)	Current	Major	0x0800003 C

7.1.26.13 hwPCIeCardBBUNotPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBUNotPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU not detected.	Current	OK	0x0800003 D

7.1.26.14 hwPCIeCardBBUPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBBUPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card BBU detected.	Current	OK	0x0800003 F

7.1.26.15 hwPCIeCardPwrFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPwrFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card power fault. (Generated)	Current	Major	0x08000041

7.1.26.16 hwPCIeCardPwrFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPwrFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card power fault. (Cleared)	Current	Major	0x08000042

7.1.26.17 hwPCIeCardFPGALoadFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.67

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardFPGALoadFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card FPGA load failure. (Generated)	Current	Major	0x08000043

7.1.26.18 hwPCIeCardFPGALoadFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.68

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardFPGALoadFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card FPGA load failure. (Cleared)	Current	Major	0x08000044

7.1.26.19 hwPCIeCardEEPROMFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.69

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardEEPROMFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card EEPROM fault. (Generated)	Current	Major	0x08000045

7.1.26.20 hwPCIeCardEEPROMFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.70

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardEEPROMFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card EEPROM fault. (Cleared)	Current	Major	0x08000046

7.1.26.21 hwPCIeRAIDCardFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.75

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRAIDCardFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe RAID card fault. (Generated)	Current	Major	0x0800004B

7.1.26.22 hwPCIeRAIDCardFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.76

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRAIDCardFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe RAID card fault. (Cleared)	Current	Major	0x0800004C

7.1.27 hwPCIeRiserEvent

7.1.27.1 hwPCIeRiserInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card installed.	Current	OK	0x0F000001

7.1.27.2 hwPCIeRiserRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card removed.	Current	OK	0x0F000003

7.1.28 hwPCIeSwitchEvent

7.1.28.1 hwPCIeSwitchCoreVoltLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch core-volt undervoltage major alarm. (Generated)	Current	Major	0x3E000001

7.1.28.2 hwPCIeSwitchCoreVoltLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch core-volt undervoltage major alarm. (Cleared)	Current	Major	0x3E000002

7.1.28.3 hwPCIeSwitchCoreVoltOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch core-volt overvoltage major alarm. (Generated)	Current	Major	0x3E000003

7.1.28.4 hwPCIeSwitchCoreVoltOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch core-volt overvoltage major alarm. (Cleared)	Current	Major	0x3E000004

7.1.28.5 hwPCIeSwitchCoreVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch core voltage. (Generated)	Current	Minor	0x3E000005

7.1.28.6 hwPCIeSwitchCoreVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchCoreVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch core voltage. (Cleared)	Current	Minor	0x3E000006

7.1.28.7 hwPCIeSwitchVDDVoltLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch VDD undervoltage major alarm. (Generated)	Current	Major	0x3E000007

7.1.28.8 hwPCIeSwitchVDDVoltLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch VDD undervoltage major alarm. (Cleared)	Current	Major	0x3E000008

7.1.28.9 hwPCIeSwitchVDDVoltOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch VDD overvoltage major alarm. (Generated)	Current	Major	0x3E000009

7.1.28.10 hwPCIeSwitchVDDVoltOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch VDD overvoltage major alarm. (Cleared)	Current	Major	0x3E00000A

7.1.28.11 hwPCIeSwitchVDDVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch VDD voltage. (Generated)	Current	Minor	0x3E00000B

7.1.28.12 hwPCIeSwitchVDDVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchVDDVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch VDD voltage. (Cleared)	Current	Minor	0x3E00000C

7.1.28.13 hwPCIeSwitchInputVoltLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch input-volt undervoltage major alarm. (Generated)	Current	Major	0x3E00000D

7.1.28.14 hwPCIeSwitchInputVoltLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch input-volt undervoltage major alarm. (Cleared)	Current	Major	0x3E00000E

7.1.28.15 hwPCIeSwitchInputVoltOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch input-volt overvoltage major alarm. (Generated)	Current	Major	0x3E00000F

7.1.28.16 hwPCIeSwitchInputVoltOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch input-volt overvoltage major alarm. (Cleared)	Current	Major	0x3E000010

7.1.28.17 hwPCIeSwitchInputVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch input voltage. (Generated)	Current	Minor	0x3E00001 1

7.1.28.18 hwPCIeSwitchInputVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchInputVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch input voltage. (Cleared)	Current	Minor	0x3E00001 2

7.1.28.19 hwPCIeSwitchOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch overheating minor alarm. (Generated)	Current	Minor	0x3E00001 3

7.1.28.20 hwPCIeSwitchOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch overheating minor alarm. (Cleared)	Current	Minor	0x3E000014

7.1.28.21 hwPCIeSwitchOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch overheating major alarm. (Generated)	Current	Major	0x3E000015

7.1.28.22 hwPCIeSwitchOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.22

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe switch overheating major alarm. (Cleared)	Current	Major	0x3E000016

7.1.28.23 hwPCIeSwitchAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch temperature. (Generated)	Current	Minor	0x3E000017

7.1.28.24 hwPCIeSwitchAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe switch temperature. (Cleared)	Current	Minor	0x3E000018

7.1.29 hwPHYEvent

7.1.29.1 hwPHYMDIOErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.44.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPHYMDIOErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PHY fault. (Generated)	Current	Major	0x2B00000 1

7.1.29.2 hwPHYMDIOErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.44.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwPHYMDIOErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PHY fault. (Cleared)	Current	Major	0x2B00000 2

7.1.30 hwPICCardEvent

7.1.30.1 hwPICCard3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 3.3V undervoltage major alarm. (Generated)	Current	Major	0x3000000 1

7.1.30.2 hwPICCard3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x3000000 2

7.1.30.3 hwPICCard3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 3.3V overvoltage major alarm. (Generated)	Current	Major	0x3000000 3

7.1.30.4 hwPICCard3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x30000004

7.1.30.5 hwPICCard1V2LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1V2LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1.2V undervoltage major alarm. (Generated)	Current	Major	0x30000005

7.1.30.6 hwPICCard1V2LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1V2LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1.2V undervoltage major alarm. (Cleared)	Current	Major	0x30000006

7.1.30.7 hwPICCard1V2OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1V2OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1.2V overvoltage major alarm. (Generated)	Current	Major	0x30000007

7.1.30.8 hwPICCard1V2OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1V2OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1.2V overvoltage major alarm. (Cleared)	Current	Major	0x30000008

7.1.30.9 hwPICCard1VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1V undervoltage major alarm. (Generated)	Current	Major	0x30000009

7.1.30.10 hwPICCard1VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1V undervoltage major alarm. (Cleared)	Current	Major	0x3000000AA

7.1.30.11 hwPICCard1VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1V overvoltage major alarm. (Generated)	Current	Major	0x3000000 B

7.1.30.12 hwPICCard1VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard1VOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 1V overvoltage major alarm. (Cleared)	Current	Major	0x3000000 C

7.1.30.13 hwPICCard12VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard12VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 12V undervoltage major alarm. (Generated)	Current	Major	0x3000000 D

7.1.30.14 hwPICCard12VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard12VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 12V undervoltage major alarm. (Cleared)	Current	Major	0x3000000E

7.1.30.15 hwPICCard12VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard12VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 12V overvoltage major alarm. (Generated)	Current	Major	0x3000000F

7.1.30.16 hwPICCard12VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.16

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCard12VOverVoltag eDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card 12V overvoltage major alarm. (Cleared)	Current	Major	0x3000001 0

7.1.30.17 hwPICCardOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverTempMin or	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overheating minor alarm. (Generated)	Current	Minor	0x3000001 1

7.1.30.18 hwPICCardOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverTempMin orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overheating minor alarm. (Cleared)	Current	Minor	0x3000001 2

7.1.30.19 hwPICCardOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overheating major alarm. (Generated)	Current	Major	0x30000013

7.1.30.20 hwPICCardOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overheating major alarm. (Cleared)	Current	Major	0x30000014

7.1.30.21 hwPICCardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card installed.	Current	OK	0x30000015

7.1.30.22 hwPICCardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card removed.	Current	OK	0x30000017

7.1.30.23 hwPICCardPSFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardPSFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card power failure. (Generated)	Current	Major	0x30000019

7.1.30.24 hwPICCardPSFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardPSFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card power failure. (Cleared)	Current	Major	0x3000001 A

7.1.30.25 hwPICCardFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card fault. (Generated)	Current	Major	0x3000001 B

7.1.30.26 hwPICCardFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card fault. (Cleared)	Current	Major	0x3000001 C

7.1.30.27 hwPICCardAccess3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 3.3V voltage. (Generated)	Current	Minor	0x3000001 D

7.1.30.28 hwPICCardAccess3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 3.3V voltage. (Cleared)	Current	Minor	0x3000001 E

7.1.30.29 hwPICCardAccess1V2Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess1V2Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 1.2V voltage. (Generated)	Current	Minor	0x3000001F

7.1.30.30 hwPICCardAccess1V2FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess1V2FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 1.2V voltage. (Cleared)	Current	Minor	0x30000020

7.1.30.31 hwPICCardAccess1VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.33

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess1VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 1V voltage. (Generated)	Current	Minor	0x30000021

7.1.30.32 hwPICCardAccess1VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess1VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 1V voltage. (Cleared)	Current	Minor	0x30000022

7.1.30.33 hwPICCardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card temperature. (Generated)	Current	Minor	0x30000023

7.1.30.34 hwPICCardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card temperature. (Cleared)	Current	Minor	0x30000024

7.1.30.35 hwPICCardAccess12VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess12VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 12V voltage. (Generated)	Current	Minor	0x30000025

7.1.30.36 hwPICCardAccess12VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.38

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccess12VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card 12V voltage. (Cleared)	Current	Minor	0x30000026

7.1.30.37 hwPICCardLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card voltage below lower major threshold. (Generated)	Current	Major	0x30000027

7.1.30.38 hwPICCardLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card voltage below lower major threshold. (Cleared)	Current	Major	0x30000028

7.1.30.39 hwPICCardOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overvoltage major alarm. (Generated)	Current	Major	0x30000029

7.1.30.40 hwPICCardOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card overvoltage major alarm. (Cleared)	Current	Major	0x3000002A

7.1.30.41 hwPICCardAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.43

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card voltage. (Generated)	Current	Minor	0x3000002 B

7.1.30.42 hwPICCardAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PIC card voltage. (Cleared)	Current	Minor	0x3000002 C

7.1.30.43 hwPICCardClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card clock signals lost. (Generated)	Current	Major	0x3000002 D

7.1.30.44 hwPICCardClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.49.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwPICCardClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PIC card clock signals lost. (Cleared)	Current	Major	0x3000002E

7.1.31 hwPortEvent

7.1.31.1 hwPortDisconnected

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortDisconnected	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC port link down. (Generated)	Current	OK	0x29000001

7.1.31.2 hwPortConnected

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortConnected	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC port link down. (Cleared)	Current	OK	0x2900000 2

7.1.31.3 hwPortInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Port connected.	Current	OK	0x2900000 5

7.1.31.4 hwPortRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Port removed.	Current	OK	0x2900000 7

7.1.31.5 hwPortFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Port fault. (Generated)	Current	Major	0x2900000 9

7.1.31.6 hwPortFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Port fault. (Cleared)	Current	Major	0x2900000 A

7.1.31.7 hwPortOAMLostLink

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.41

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOAMLostLink	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OAM Lost Link. (Generated)	Current	Major	0x2900002 9

7.1.31.8 hwPortOAMLostLinkDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOAMLostLinkDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OAM Lost Link. (Cleared)	Current	Major	0x2900002 A

7.1.31.9 hwPortOAMErrorPackage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOAMErrorPackage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OAM Error Package. (Generated)	Current	Major	0x2900002 B

7.1.31.10 hwPortOAMErrorPackageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOAMErrorPackageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	OAM Error Package. (Cleared)	Current	Major	0x2900002C

7.1.32 hwSDEvent

7.1.32.1 hwSDInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card installed.	Current	OK	0x21000001

7.1.32.2 hwSDRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card removed.	Current	OK	0x2100000 3

7.1.32.3 hwSDSRAIDArrayInvalid

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDSRAIDArrayInvalid	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID lost. (Generated)	Current	Major	0x2100000 5

7.1.32.4 hwSDSRAIDArrayInvalidDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDSRAIDArrayInvalid Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID lost. (Cleared)	Current	Major	0x2100000 6

7.1.32.5 hwSDRAIDRebuildStart

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDRebuildStart	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card starting to rebuild RAID.	Current	OK	0x21000007

7.1.32.6 hwSDRAIDRebuildFinish

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDRebuildFinish	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID rebuild completed.	Current	OK	0x21000009

7.1.32.7 hwSDRAIDRebuildFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDRebuildFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID rebuild failed. (Generated)	Current	Major	0x2100000 B

7.1.32.8 hwSDRAIDRebuildFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDRebuildFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID rebuild failed. (Cleared)	Current	Major	0x2100000 C

7.1.32.9 hwSDFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card fault. (Generated)	Current	Major	0x2100000 D

7.1.32.10 hwSDFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card fault. (Cleared)	Current	Major	0x2100000E

7.1.32.11 hwSDDetectCardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDDetectCardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card not detected. (Generated)	Current	Major	0x2100000F

7.1.32.12 hwSDDetectCardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.34.16

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDDetectCardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card not detected. (Cleared)	Current	Major	0x21000010

7.1.33 hwSwitchMezzEvent

7.1.33.1 hwSwitchMezzFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card fault. (Generated)	Current	Major	0x1F000005

7.1.33.2 hwSwitchMezzFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card fault. (Cleared)	Current	Major	0x1F000006

7.1.33.3 hwSwitchMezz2V5LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz2V5LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 2.5V undervoltage major alarm. (Generated)	Current	Major	0x1F000007

7.1.33.4 hwSwitchMezz2V5LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz2V5LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 2.5V undervoltage major alarm. (Cleared)	Current	Major	0x1F000008

7.1.33.5 hwSwitchMezz2V5OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz2V5OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 2.5V overvoltage major alarm. (Generated)	Current	Major	0x1F000009

7.1.33.6 hwSwitchMezz2V5OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz2V5OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 2.5V overvoltage major alarm. (Cleared)	Current	Major	0x1F00000AA

7.1.33.7 hwSwitchMezz3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 3.3V undervoltage major alarm. (Generated)	Current	Major	0x1F00001 B

7.1.33.8 hwSwitchMezz3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x1F00001 C

7.1.33.9 hwSwitchMezz3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 3.3V overvoltage major alarm. (Generated)	Current	Major	0x1F00000 D

7.1.33.10 hwSwitchMezz3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x1F00000E

7.1.33.11 hwSwitchMezz12VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz12VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 12V undervoltage major alarm. (Generated)	Current	Major	0x1F00000F

7.1.33.12 hwSwitchMezz12VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.16

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz12VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 12V undervoltage major alarm. (Cleared)	Current	Major	0x1F000010

7.1.33.13 hwSwitchMezz12VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz12VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 12V overvoltage major alarm. (Generated)	Current	Major	0x1F000011

7.1.33.14 hwSwitchMezz12VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz12VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 12V overvoltage major alarm. (Cleared)	Current	Major	0x1F000012

7.1.33.15 hwSwitchMezz1VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1V undervoltage major alarm. (Generated)	Current	Major	0x1F000013

7.1.33.16 hwSwitchMezz1VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1V undervoltage major alarm. (Cleared)	Current	Major	0x1F000014

7.1.33.17 hwSwitchMezz1VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1V overvoltage major alarm. (Generated)	Current	Major	0x1F000015

7.1.33.18 hwSwitchMezz1VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1V overvoltage major alarm. (Cleared)	Current	Major	0x1F000016

7.1.33.19 hwSwitchMezz1V8LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V8LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.8V undervoltage major alarm. (Generated)	Current	Major	0x1F000017

7.1.33.20 hwSwitchMezz1V8LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V8LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.8V undervoltage major alarm. (Cleared)	Current	Major	0x1F000018

7.1.33.21 hwSwitchMezz1V8OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V8OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.8V overvoltage major alarm. (Generated)	Current	Major	0x1F000019

7.1.33.22 hwSwitchMezz1V8OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V8OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.8V overvoltage major alarm. (Cleared)	Current	Major	0x1F00001 A

7.1.33.23 hwSwitchMezz1V5LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V5LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.5V undervoltage major alarm. (Generated)	Current	Major	0x1F00001 B

7.1.33.24 hwSwitchMezz1V5LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V5LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.5V undervoltage major alarm. (Cleared)	Current	Major	0x1F00001 C

7.1.33.25 hwSwitchMezz1V5OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V5OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.5V overvoltage major alarm. (Generated)	Current	Major	0x1F00001D

7.1.33.26 hwSwitchMezz1V5OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezz1V5OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card 1.5V overvoltage major alarm. (Cleared)	Current	Major	0x1F00001E

7.1.33.27 hwSwitchMezzStdby3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.31

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzStdby3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card standby 3.3V undervoltage major alarm. (Generated)	Current	Major	0x1F00001 F

7.1.33.28 hwSwitchMezzStdby3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzStdby3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card standby 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x1F00002 0

7.1.33.29 hwSwitchMezzStdby3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzStdby3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card standby 3.3V overvoltage major alarm. (Generated)	Current	Major	0x1F00002 1

7.1.33.30 hwSwitchMezzStdby3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzStdby3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card standby 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x1F000022

7.1.33.31 hwSwitchMezzNotInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzNotInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card not installed.	Current	OK	0x1F000023

7.1.33.32 hwSwitchMezzPowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.37

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzPowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card installed but powered off.	Current	OK	0x1F000025

7.1.33.33 hwSwitchMezzReqPowerOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzReqPowerOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card requesting power-on.	Current	OK	0x1F000027

7.1.33.34 hwSwitchMezzBeingPoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzBeingPoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card in power-on process.	Current	OK	0x1F000029

7.1.33.35 hwSwitchMezzPoweredOn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzPoweredOn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card powered on.	Current	OK	0x1F00002B

7.1.33.36 hwSwitchMezzReqPowerOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzReqPowerOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card requesting power-off.	Current	OK	0x1F00002D

7.1.33.37 hwSwitchMezzBeingPoweredOff

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.47

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzBeingPoweredOff	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card in power-off process.	Current	OK	0x1F00002F

7.1.33.38 hwSwitchMezzAccess2V5Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess2V5Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 2.5V voltage. (Generated)	Current	Minor	0x1F000033

7.1.33.39 hwSwitchMezzAccess2V5FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess2V5FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 2.5V voltage. (Cleared)	Current	Minor	0x1F000034

7.1.33.40 hwSwitchMezzAccess3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.53

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 3.3V voltage. (Generated)	Current	Minor	0x1F000035

7.1.33.41 hwSwitchMezzAccess3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.54

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 3.3V voltage. (Cleared)	Current	Minor	0x1F000036

7.1.33.42 hwSwitchMezzAccess12VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.55

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess12VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 12V voltage. (Generated)	Current	Minor	0x1F000037

7.1.33.43 hwSwitchMezzAccess12VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.56

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess12VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 12V voltage. (Cleared)	Current	Minor	0x1F000038

7.1.33.44 hwSwitchMezzAccess1V5Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess1V5Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1.5V voltage. (Generated)	Current	Minor	0x1F000039

7.1.33.45 hwSwitchMezzAccess1V5FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.58

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess1V5FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1.5V voltage. (Cleared)	Current	Minor	0x1F00003A

7.1.33.46 hwSwitchMezzAccess1VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.59

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess1VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1V voltage. (Generated)	Current	Minor	0x1F00003B

7.1.33.47 hwSwitchMezzAccess1VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.60

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccess1VF ailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1V voltage. (Cleared)	Current	Minor	0x1F00003 C

7.1.33.48 hwSwitchMezzAccessStdby3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccessStdby3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card standby 3.3V voltage. (Generated)	Current	Minor	0x1F00003 D

7.1.33.49 hwSwitchMezzAccessStdby3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccessStdby3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card standby 3.3V voltage. (Cleared)	Current	Minor	0x1F00003 E

7.1.33.50 hwSwitchMezzAccessStdby1V8Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccessStdby1V8Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1.8V voltage. (Generated)	Current	Minor	0x1F00003F

7.1.33.51 hwSwitchMezzAccessStdby1V8FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.64

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzAccessStdby1V8FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card 1.8V voltage. (Cleared)	Current	Minor	0x1F000040

7.1.33.52 hwSwitchMezzPSFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.65

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzPSFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card ps fault. (Generated)	Current	Major	0x1F000040

7.1.33.53 hwSwitchMezzPSFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.32.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchMezzPSFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card ps fault. (Cleared)	Current	Major	0x1F000042

7.2 New Events

The new events are the events added along with the precise alarm mode. These events will be reported in precise alarm format in OID or precise alarm mode.

7.2.1 hwFanEvent

7.2.1.1 hwFanRedundancy

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.5

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanRedundancy	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan redundancy lost. (Generated)	Current	Major	0x0400000 5

7.2.1.2 hwFanRedundancyDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.5.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanRedundancyDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan redundancy lost. (Cleared)	Current	Major	0x0400000 6

7.2.2 hwCPUBoardEvent

7.2.2.1 hwCPUBoardCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.5

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardCPLDSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU board CPLD self-test failed. (Generated)	Current	Minor	0x24000005

7.2.2.2 hwCPUBoardCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardCPLDSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU board CPLD self-test failed. (Cleared)	Current	Minor	0x24000006

7.2.2.3 hwCPUBoardClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Board clock signals lost. (Generated)	Current	Major	0x24000007

7.2.2.4 hwCPUBoardClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Board clock signals lost. (Cleared)	Current	Major	0x24000008

7.2.2.5 hwCPUBoardStartUpOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardStartUpOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit. (Generated)	Current	Major	0x24000009

7.2.2.6 hwCPUBoardStartUpOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.37.10

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUBoardStartUpOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit. (Cleared)	Current	Major	0x2400000A

7.2.3 hwNCBoardEvent

7.2.3.1 hwNCBoardCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardCPLDSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM CPLD self-test failed. (Generated)	Current	Minor	0x1300000D

7.2.3.2 hwNCBoardCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.14

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardCPLDSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM CPLD self-test failed. (Cleared)	Current	Minor	0x1300000E

7.2.3.3 hwNCBoard12VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoard12VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM 12V overvoltage major alarm. (Generated)	Current	Major	0x1300000F

7.2.3.4 hwNCBoard12VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoard12VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM 12V overvoltage major alarm. (Cleared)	Current	Major	0x13000010

7.2.3.5 hwNCBoardAccess12VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccess12VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NCM 12V voltage. (Generated)	Current	Minor	0x13000013

7.2.3.6 hwNCBoardAccess12VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccess12VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read NCM 12V voltage. (Cleared)	Current	Minor	0x13000014

7.2.3.7 hwNCBoardAccess12VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccess12VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM 12V undervoltage major alarm. (Generated)	Current	Minor	0x1300001 1

7.2.3.8 hwNCBoardAccess12VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardAccess12VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM 12V undervoltage major alarm. (Cleared)	Current	Minor	0x1300001 2

7.2.3.9 hwNCBoardConfigCDRFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardConfigCDRFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure CDR of NC board. (Generated)	Current	Major	0x1300004 1

7.2.3.10 hwNCBoardConfigCDRFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.20.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwNCBoardConfigCDRFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure CDR of NC board. (Cleared)	Current	Major	0x13000042

7.2.4 hwSwitchModuleEvent

7.2.4.1 hwSwitchModuleOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module overvoltage major alarm. (Generated)	Current	Major	0x14000001

7.2.4.2 hwSwitchModuleOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module overvoltage major alarm. (Cleared)	Current	Major	0x14000002

7.2.4.3 hwSwitchModuleLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module voltage below lower major threshold. (Generated)	Current	Major	0x14000003

7.2.4.4 hwSwitchModuleLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module voltage below lower major threshold. (Cleared)	Current	Major	0x14000004

7.2.4.5 hwSwitchModuleAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Switch module voltage. (Generated)	Current	Minor	0x14000005

7.2.4.6 hwSwitchModuleAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Switch module voltage. (Cleared)	Current	Minor	0x14000006

7.2.4.7 hwSwitchModuleClockPower

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleClockPower	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supplies to clock chips on the Switch module abnormal. (Generated)	Current	Major	0x14000007

7.2.4.8 hwSwitchModuleClockPowerDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleClockPowerDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supplies to clock chips on the Switch module abnormal. (Cleared)	Current	Major	0x14000008

7.2.4.9 hwSwitchModuleClock

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleClock	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module clock chips abnormal. (Generated)	Current	Major	0x14000009

7.2.4.10 hwSwitchModuleClockDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModuleClockDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module clock chips abnormal. (Cleared)	Current	Major	0x1400000 A

7.2.4.11 hwSwitchModulePower

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModulePower	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module power signal abnormal. (Generated)	Current	Major	0x1400000 B

7.2.4.12 hwSwitchModulePowerDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.21.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSwitchModulePowerDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Switch module power signal abnormal. (Cleared)	Current	Major	0x1400000C

7.2.5 hwIOBoardEvent

7.2.5.1 hwIOBoardCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardCPLDSelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board CPLD self-test failed. (Generated)	Current	Minor	0x2300000D

7.2.5.2 hwIOBoardCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.14

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardCPLDSelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board CPLD self-test failed. (Cleared)	Current	Minor	0x2300000E

7.2.5.3 hwIOBoard12VOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoard12VOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board 12V overvoltage major alarm. (Generated)	Current	Major	0x2300000F

7.2.5.4 hwIOBoard12VOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoard12VOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board 12V overvoltage major alarm. (Cleared)	Current	Major	0x23000010

7.2.5.5 hwIOBoard12VLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoard12VLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board 12V undervoltage major alarm. (Generated)	Current	Major	0x2300001 1

7.2.5.6 hwIOBoard12VLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoard12VLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board 12V undervoltage major alarm. (Cleared)	Current	Major	0x2300001 2

7.2.5.7 hwIOBoardAccess12VFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.19

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccess12VFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board 12V voltage. (Generated)	Current	Minor	0x23000013

7.2.5.8 hwIOBoardAccess12VFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccess12VFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board 12V voltage. (Cleared)	Current	Minor	0x23000014

7.2.5.9 hwIOBoardClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board clock signals lost. (Generated)	Current	Major	0x23000015

7.2.5.10 hwIOBoardClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board clock signals lost. (Cleared)	Current	Major	0x23000016

7.2.5.11 hwIOBoardStdby3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStdby3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board standby 3.3V overvoltage major alarm. (Generated)	Current	Major	0x23000017

7.2.5.12 hwIOBoardStdby3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.24

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStdby3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board standby 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x23000018

7.2.5.13 hwIOBoardStdby3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStdby3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board standby 3.3V undervoltage major alarm. (Generated)	Current	Major	0x23000019

7.2.5.14 hwIOBoardStdby3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStdby3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board standby 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x2300001A

7.2.5.15 hwIOBoardAccessStdby3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessStdby3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board standby 3.3V voltage. (Generated)	Current	Minor	0x2300001B

7.2.5.16 hwIOBoardAccessStdby3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessStdby3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board standby 3.3V voltage. (Cleared)	Current	Minor	0x2300001C

7.2.5.17 hwIOBoardClockPower

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.29

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClockPower	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supplies to clock chips on the IO board abnormal. (Generated)	Current	Major	0x2300001 D

7.2.5.18 hwIOBoardClockPowerDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClockPowerDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supplies to clock chips on the IO board abnormal. (Cleared)	Current	Major	0x2300001 E

7.2.5.19 hwIOBoardClock

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClock	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board clock chips abnormal. (Generated)	Current	Major	0x2300001 F

7.2.5.20 hwIOBoardClockDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardClockDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board clock chips abnormal. (Cleared)	Current	Major	0x23000020

7.2.5.21 hwIOBoardPower

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardPower	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board power signal abnormal. (Generated)	Current	Major	0x23000021

7.2.5.22 hwIOBoardPowerDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.34

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardPowerDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board power signal abnormal. (Cleared)	Current	Major	0x2300002 2

7.2.5.23 hwIOBoardVCC3V3OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardVCC3V3OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board VCC 3.3V overvoltage major alarm. (Generated)	Current	Major	0x2300002 3

7.2.5.24 hwIOBoardVCC3V3OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardVCC3V3OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board VCC 3.3V overvoltage major alarm. (Cleared)	Current	Major	0x2300002 4

7.2.5.25 hwIOBoardVCC3V3LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardVCC3V3LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board VCC 3.3V undervoltage major alarm. (Generated)	Current	Major	0x23000025

7.2.5.26 hwIOBoardVCC3V3LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardVCC3V3LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I/O board VCC 3.3V undervoltage major alarm. (Cleared)	Current	Major	0x23000026

7.2.5.27 hwIOBoardAccessVCC3V3Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.39

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessVCC3V3Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board VCC 3.3V voltage. (Generated)	Current	Minor	0x23000027

7.2.5.28 hwIOBoardAccessVCC3V3FailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessVCC3V3FailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read I/O board VCC 3.3V voltage. (Cleared)	Current	Minor	0x23000028

7.2.5.29 hwIOBoardAccessBoardIDFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessBoardIDFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the board id. (Generated)	Current	Major	0x23000029

7.2.5.30 hwIOBoardAccessBoardIDFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.42

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardAccessBoardIDFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the board id .(Cleared)	Current	Major	0x2300002 A

7.2.5.31 hwIOBoardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board installed.	Current	OK	0x2300002 B

7.2.5.32 hwIOBoardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.45

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	IO board removed.	Current	OK	0x2300002D

7.2.5.33 hwREEACLostMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwREEACLostMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The entire REE enclosure is powered off. (Generated)	Current	Major	0x2300002F

7.2.5.34 hwREEACLostMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.48

Object	Bound Variables	Description	Status	Severity	Event Code
hwREEACLostMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The entire REE enclosure is powered off. (Cleared)	Current	Major	0x23000030

7.2.5.35 hwIOBoardStartUpOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStartUpOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit I/O board.(Generated)	Current	Major	0x23000031

7.2.5.36 hwIOBoardStartUpOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.36.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwIOBoardStartUpOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is forcibly shut down due to high temperature of the soft-start circuit I/O board.(Cleared)	Current	Major	0x23000032

7.2.6 hwSCMEvent

7.2.6.37 hwSCMEventMemoryBrdCFGErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.58.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSCMEventMemoryBrd CFGErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board configuration error. (Generated)	Current	Critical	0x3900000 1

7.2.6.38 hwSCMEventMemoryBrdCFGErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.58.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwSCMEventMemoryBrd CFGErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board configuration error. (Cleared)	Current	Critical	0x3900000 2

7.2.7 hwMemoryBoardEvent

7.2.7.1 hwMemoryBoardLowerTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardLowerTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board undertemperature . (Generated)	Current	Critical	0x0E000001

7.2.7.2 hwMemoryBoardLowerTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardLowerTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory board undertemperature . (Cleared)	Current	Critical	0x0E000002

7.2.7.3 hwMemoryBoardSMI2TainingError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardSMI2TainingError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Initialization error on SMI2 link of memory board. (Generated)	Current	Critical	0x0E000005

7.2.7.4 hwMemoryBoardSMI2TainingErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.15.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryBoardSMI2TainingErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Initialization error on SMI2 link of memory board. (Cleared)	Current	Critical	0x0E000006

7.2.8 hwSystemEvent

7.2.8.1 hwSystemPSUCFGErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.73

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPSUCFGErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect PSU configuration in SCE. (Generated)	Current	Critical	0x2C000049

7.2.8.2 hwSystemPSUCFGErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.74

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemPSUCFGErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect PSU configuration in SCE. (Cleared)	Current	Critical	0x2C00004 A

7.2.8.3 hwCPUMemoryConfigError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.75

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMemoryConfigError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM configuration error. (Generated)	Current	Critical	0x2C00004 B

7.2.8.4 hwCPUMemoryConfigErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.76

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMemoryConfigErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	DIMM configuration error. (Cleared)	Current	Critical	0x2C00004 C

7.2.8.5 hwCPUMRCFatalError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.77

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMRCFatalError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System critical error detected in memory initialization check. (Generated)	Current	Critical	0x2C00004D

7.2.8.6 hwCPUMRCFatalErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.78

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMRCFatalErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System critical error detected in memory initialization check. (Cleared)	Current	Critical	0x2C00004E

7.2.8.7 hwNoAvailableMemoryError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.79

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoAvailableMemoryErr or	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No available memory. (Generated)	Current	Critical	0x2C00004F

7.2.8.8 hwNoAvailableMemoryErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.80

Object	Bound Variables	Description	Status	Severity	Event Code
hwNoAvailableMemoryErr orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	No available memory.(Cleared)	Current	Critical	0x2C000050

7.2.8.9 hwSystemDiskPartitionOverLoad

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.83

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiskPartitionOverLoad	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High disk partition usage. (Generated)	Current	OK	0x2C000053

7.2.8.10 hwSystemDiskPartitionOverLoadDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.84

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemDiskPartitionOverLoadDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High disk partition usage. (Cleared)	Current	OK	0x2C000054

7.2.8.11 hwSystemMemoryInitializationError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.87

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMemoryInitializationError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System error with memory initialization. (Generated)	Current	Critical	0x2C000057

7.2.8.12 hwSystemMemoryInitializationErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.88

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemMemoryInitializationErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System error with memory initialization. (Cleared)	Current	Critical	0x2C000058

7.2.8.13 hwSystemProductIdentityFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.95

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemProductIdentityFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to identify the product. (Generated)	Current	Major	0x2C00005F

7.2.8.14 hwSystemProductIdentityFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.96

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemProductIdentityFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to identify the product. (Cleared)	Current	Major	0x2C000060

7.2.8.15 hwSystemNetworkBandwidthUsageHigh

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.97

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemNetworkBandwidthUsageHigh	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High bandwidth usage at NIC network port. (Generated)	Current	OK	0x2C000061

7.2.8.16 hwSystemNetworkBandwidthUsageHighDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemNetworkBandwidthUsageHighDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	High bandwidth usage at NIC network port. (Cleared)	Current	OK	0x2C000062

7.2.8.17 hwSystemCPUMismatchChassis

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.103

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemCPUMismatchChassis	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The chassis does not support high-power CPUs. (Generated)	Current	Major	0x2C000067

7.2.8.18 hwSystemCPUMismatchChassisDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.104

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemCPUMismatchChassisDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The chassis does not support high-power CPUs.(Cleared)	Current	Major	0x2C000068

7.2.8.19 hwSystemAbnormalByHardwareError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.105

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAbnormalByHardwareError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is abnormal due to hardware fault. (Generated)	Current	Major	0x2C000069

7.2.8.20 hwSystemAbnormalByHardwareErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.45.106

Object	Bound Variables	Description	Status	Severity	Event Code
hwSystemAbnormalByHardwareErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	System is abnormal due to hardware fault.(Cleared)	Current	Major	0x2C00006A

7.2.9 hwPortEvent

7.2.9.1 hwPortNIPortDisconnected

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.11

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortNIPortDisconnected	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM NI port disconnected. (Generated)	Current	Critical	0x2900000 B

7.2.9.2 hwPortNIPortDisconnectedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortNIPortDisconnected Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NCM NI port disconnected. (Cleared)	Current	Critical	0x2900000 C

7.2.9.3 hwPortOpticalModuleVoltageAlarm

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModuleVolta geAlarm	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Optical module voltage major alarm. (Generated)	Current	Major	0x2900000 F

7.2.9.4 hwPortOpticalModuleVoltageAlarmDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModuleVoltageAlarmDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Optical module voltage major alarm. (Cleared)	Current	Major	0x29000010

7.2.9.5 hwPortOpticalModulePowerAlarm

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModulePowerAlarm	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Optical module power major alarm. (Generated)	Current	Major	0x29000017

7.2.9.6 hwPortOpticalModulePowerAlarmDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.24

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModulePowerAlarmDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Optical module power major alarm. (Cleared)	Current	Major	0x29000018

7.2.9.7 hwPortOpticalModuleSpeedMismatch

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModuleSpeedMismatch	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC and optical module speeds mismatch. (Generated)	Current	Major	0x29000027

7.2.9.8 hwPortOpticalModuleSpeedMismatchDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortOpticalModuleSpeedMismatchDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC and optical module speeds mismatch. (Cleared)	Current	Major	0x29000028

7.2.9.9 hwPortConfigureFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortConfigureFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the PHY port.(Generated)	Current	Major	0x2900002D

7.2.9.10 hwPortConfigureFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.42.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwPortConfigureFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the PHY port.(Cleared)	Current	Major	0x2900002E

7.2.10 hwPCIeCardEvent

7.2.10.1 hwPCIeCardDIMMOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.9

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardDIMMOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card DIMM overheating. (Generated)	Current	Minor	0x08000009

7.2.10.2 hwPCIeCardDIMMOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardDIMMOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card DIMM overheating. (Cleared)	Current	Minor	0x0800000A

7.2.10.3 hwPCIeCardOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overheating major alarm. (Generated)	Current	Major	0x0800000B

7.2.10.4 hwPCIeCardOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overheating major alarm. (Cleared)	Current	Major	0x0800000C

7.2.10.5 hwPCIeCardCPUOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU overheating minor alarm. (Generated)	Current	Minor	0x0800000D

7.2.10.6 hwPCIeCardCPUOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.14

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU overheating minor alarm. (Cleared)	Current	Minor	0x0800000E

7.2.10.7 hwPCIeCardCPUOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU overheating major alarm. (Generated)	Current	Major	0x0800000F

7.2.10.8 hwPCIeCardCPUOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU overheating major alarm. (Cleared)	Current	Major	0x08000010

7.2.10.9 hwPCIeCardBattLowerVoltMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBattLowerVoltMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card battery undervoltage minor alarm. (Generated)	Current	Minor	0x08000011

7.2.10.10 hwPCIeCardBattLowerVoltMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBattLowerVoltMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card battery undervoltage minor alarm. (Cleared)	Current	Minor	0x08000012

7.2.10.11 hwPCIeCardLowerVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.19

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardLowerVoltMaj or	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card undervoltage major alarm. (Generated)	Current	Major	0x0800001 3

7.2.10.12 hwPCIeCardLowerVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardLowerVoltMaj orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card undervoltage major alarm. (Cleared)	Current	Major	0x0800001 4

7.2.10.13 hwPCIeCardOverVoltMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverVoltMajo r	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overvoltage major alarm. (Generated)	Current	Major	0x0800001 5

7.2.10.14 hwPCIeCardOverVoltMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverVoltMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card overvoltage major alarm. (Cleared)	Current	Major	0x08000016

7.2.10.15 hwPCIeCardAccessVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card voltage. (Generated)	Current	Minor	0x08000017

7.2.10.16 hwPCIeCardAccessVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.24

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCIe card voltage. (Cleared)	Current	Minor	0x08000018

7.2.10.17 hwPCIeCardBootEvent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBootEvent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card system startup status. (Generated)	Current	OK	0x08000019

7.2.10.18 hwPCIeCardBootEventDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBootEventDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card system startup status. (Cleared)	Current	OK	0x0800001A

7.2.10.19 hwPCIeCardHardwareFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardHardwareFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card hardware fault. (Generated)	Current	Major	0x0800001B

7.2.10.20 hwPCIeCardHardwareFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardHardwareFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card hardware fault. (Cleared)	Current	Major	0x0800001C

7.2.10.21 hwPCIeCardBootDiskAbsent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.29

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBootDiskAbsent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card boot disk not detected. (Generated)	Current	Major	0x0800001D

7.2.10.22 hwPCIeCardBootDiskAbsentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBootDiskAbsentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card boot disk not detected. (Cleared)	Current	Major	0x0800001E

7.2.10.23 hwPCIeCardDIMMFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardDIMMFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card memory fault. (Generated)	Current	Major	0x0800001F

7.2.10.24 hwPCIeCardDIMMFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardDIMMFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card memory fault. (Cleared)	Current	Major	0x08000020

7.2.10.25 hwPCIeCardFWInitFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardFWInitFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card firmware initialization failed. (Generated)	Current	Major	0x08000021

7.2.10.26 hwPCIeCardFWInitFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.34

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardFWInitFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card firmware initialization failed. (Cleared)	Current	Major	0x08000022

7.2.10.27 hwPCIeCardCPUInitFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUInitFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU initialization failed. (Generated)	Current	Major	0x08000023

7.2.10.28 hwPCIeCardCPUInitFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCPUInitFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card CPU initialization failed. (Cleared)	Current	Major	0x08000024

7.2.10.29 hwPCIeCardWatchDogTimeout

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardWatchDogTim eout	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card watchdog timed out. (Generated)	Current	Major	0x0800002 5

7.2.10.30 hwPCIeCardWatchDogTimeoutDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardWatchDogTim eoutDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card watchdog timed out. (Cleared)	Current	Major	0x0800002 6

7.2.10.31 hwPCIeCardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.71

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card installed.	Current	OK	0x08000047

7.2.10.32 hwPCIeCardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.73

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card removed.	Current	OK	0x08000049

7.2.10.33 hwPCIeCardPlugIn

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.77

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPlugIn	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The PCIe card pluded in. (Generated)	Current	Major	0x0800004D

7.2.10.34 hwPCIeCardPlugInDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.78

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPlugInDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card plugged in. (Cleared)	Current	Major	0x0800004E

7.2.10.35 hwPCIeCardPlugOut

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.79

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPlugOut	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The PCIe card plugged out. (Generated)	Current	Major	0x0800004F

7.2.10.36 hwPCIeCardPlugOutDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.80

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardPlugOutDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: 9: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe plugged card out. (Cleared)	Current	Major	0x08000050

7.2.10.37 hwPCIEClockLockLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEClockLockLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The clock is out of lock. (Generated)	Current	Major	0x08000051

7.2.10.38 hwPCIEClockLockLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.82

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEClockLockLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The clock is out of lock. (Cleared)	Current	Major	0x08000052

7.2.10.39 hwPCIEDDRCalibrationFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.83

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEDDRCalibrationFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The DDR calibration failed. (Generated)	Current	Major	0x08000053

7.2.10.40 hwPCIEDDRCalibrationFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.84

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEDDRCalibrationFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The DDR calibration failed. (Cleared)	Current	Major	0x08000054

7.2.10.41 hwPCIEDDRWorkAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.85

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEDDRWorkAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The DDR on PCIe card is malfunctioning. (Generated)	Current	Major	0x08000055

7.2.10.42 hwPCIEDDRWorkAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.86

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEDDRWorkAbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The DDR on PCIe card is malfunctioning. (Cleared)	Current	Major	0x08000056

7.2.10.43 hwPCIELinkAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.87

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIELinkAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The link on PCIe card is faulty. (Generated)	Current	Major	0x08000057

7.2.10.44 hwPCIELinkAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.88

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIELinkAbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The link on PCIe card is faulty. (Cleared)	Current	Major	0x08000058

7.2.10.45 hwPCIEBusinessAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.89

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEBusinessAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Services on PCIe card are interrupted. (Generated)	Current	Major	0x08000059

7.2.10.46 hwPCIEBusinessAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.90

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEBusinessAbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Services on PCIe card are interrupted. (Cleared)	Current	Major	0x0800005A

7.2.10.47 hwPCIESelfTestFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.93

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIESelfTestFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card self-test failed. (Generated)	Current	Major	0x0800005D

7.2.10.48 hwPCIESelfTestFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.94

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIESelfTestFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card self-test failed. (Cleared)	Current	Major	0x0800005E

7.2.10.49 hwPCIERecovError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.95

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIERecovError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Recoverable errors are detected on PCIe card. (Generated)	Current	OK	0x0800005F

7.2.10.50 hwPCIERecovErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.96

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIERecovErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Recoverable errors are detected on PCIe card. (Cleared)	Current	OK	0x08000060

7.2.10.51 hwPCIEUnRecovError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.97

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEUnRecovError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable errors detected on PCIe card. (Generated)	Current	Critical	0x0800006 1

7.2.10.52 hwPCIEUnRecovErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.98

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIEUnRecovErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Unrecoverable errors detected on PCIe card. (Cleared)	Current	Critical	0x0800006 2

7.2.10.53 hwPCIeCardOMOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.99

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOMOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card optical module overheating minor alarm. (Generated)	Current	Minor	0x0800006 3

7.2.10.54 hwPCIeCardOMOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.100

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOMOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card optical module overheating minor alarm. (Cleared)	Current	Minor	0x08000064

7.2.10.55 hwPCIeCardCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.101

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card health status degradation detected by PFAE. (Generated)	Current	OK	0x08000065

7.2.10.56 hwPCIeCardCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.102

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card health status degradation detected by PFAE. (Cleared)	Current	OK	0x0800006 6

7.2.10.57 hwPCIeCardEnumerationFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.103

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardEnumerationFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Enumeration of the PCIe device failed. (Generated)	Current	Major	0x0800006 7

7.2.10.58 hwPCIeCardEnumerationFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.104

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardEnumerationFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Enumeration of the PCIe device failed. (Cleared)	Current	Major	0x0800006 8

7.2.10.59 hwPCIeCardInspectionFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.105

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardInspectionFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The PCIe card inspection failed. (Generated)	Current	Major	0x08000069

7.2.10.60 hwPCIeCardInspectionFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.106

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardInspectionFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The PCIe card inspection failed. (Cleared)	Current	Major	0x0800006A

7.2.10.61 hwPCIeCardAccessDIMMTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.107

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessDIMM TempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the DIMM temperature of PCIe card. (Generated)	Current	Minor	0x0800006 B

7.2.10.62 hwPCIeCardAccessDIMMTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.108

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessDIMM TempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the DIMM temperature of PCIe card. (Cleared)	Current	Minor	0x0800006 C

7.2.10.63 hwPCIeCardMemoryFaultCount

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.109

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardMemoryFault Count	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card memory fault count exceeds the threshold. (Generated)	Current	Major	0x0800006 D

7.2.10.64 hwPCIeCardMemoryFaultCountDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.110

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardMemoryFaultCountDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card memory fault count exceeds the threshold. (Cleared)	Current	Major	0x0800006E

7.2.10.65 hwPCIeCardBandWidthDecreased

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.111

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBandWidthDecreased	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card bandwidth decreased. (Generated)	Current	Minor	0x0800006F

7.2.10.66 hwPCIeCardBandWidthDecreasedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.112

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardBandWidthDecreasedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card bandwidth decreased. (Cleared)	Current	Minor	0x08000070

7.2.10.67 hwPCIeCardComponentAbsentNormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardComponentAbsentNormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The component of PCIe card is absent. (Generated)	Current	OK	0x08000071

7.2.10.68 hwPCIeCardComponentAbsentMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.115

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardComponentAbsentMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The component of PCIe card is absent. (Generated)	Current	Minor	0x08000073

7.2.10.69 hwPCIeCardComponentAbsentMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.116

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardComponentAbsentMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The component of PCIe card is absent. (Cleared)	Current	Minor	0x08000074

7.2.10.70 hwPCIeCardAccessHardInfoFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.117

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessHardInfoFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the PCIe card hardware information. (Generated)	Current	Minor	0x08000075

7.2.10.71 hwPCIeCardAccessHardInfoFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.118

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessHardInfoFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the PCIe card hardware information. (Cleared)	Current	Minor	0x08000076

7.2.10.72 hwPCIeCardAccessPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.119

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the PCIe card power. (Generated)	Current	Minor	0x08000077

7.2.10.73 hwPCIeCardAccessPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.120

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardAccessPowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the PCIe card power. (Cleared)	Current	Minor	0x08000078

7.2.10.74 hwPCIeCardHighVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.123

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardHighVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card voltage is too high. (Generated)	Current	Major	0x0800007B

7.2.10.75 hwPCIeCardHighVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.124

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardHighVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card voltage is too high. (Cleared)	Current	Major	0x0800007C

7.2.10.76 hwPCIeCardLowVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.125

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardLowVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card voltage is too low. (Generated)	Current	Major	0x0800007D

7.2.10.77 hwPCIeCardLowVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.126

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardLowVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card voltage is too low. (Cleared)	Current	Major	0x0800007E

7.2.10.78 hwPCIeCardOverCurrentProtection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverCurrentProtection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card current exceeds the protection point. (Generated)	Current	Major	0x08000081

7.2.10.79 hwPCIeCardOverCurrentProtectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.130

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverCurrentPr otectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card current exceeds the protection point. (Cleared)	Current	Major	0x0800008 2

7.2.10.80 hwPCIeCardOverTempProtection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.131

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTempPro tection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card temperature exceeds the protection point. (Generated)	Current	Major	0x0800008 3

7.2.10.81 hwPCIeCardOverTempProtectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.9.132

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeCardOverTempProtectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe card temperature exceeds the protection point. (Cleared)	Current	Major	0x08000084

7.2.11 hwCPUEvent

7.2.11.1 hwCPUMIMC0CH0MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH0MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 0, iMC 0 of CPU. (Generated)	Current	Minor	0x0000002B

7.2.11.2 hwCPUMIMC0CH0MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.44

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH0MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 0, iMC 0 of CPU. (Cleared)	Current	Minor	0x0000002C

7.2.11.3 hwCPUMIMC0CH1MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH1MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 1, iMC 0 of CPU. (Generated)	Current	Minor	0x0000002D

7.2.11.4 hwCPUMIMC0CH1MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH1MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 1, iMC 0 of CPU. (Cleared)	Current	Minor	0x0000002E

7.2.11.5 hwCPUMIMC0CH2MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH2MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 2, iMC 0 of CPU. (Generated)	Current	Minor	0x0000002F

7.2.11.6 hwCPUMIMC0CH2MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.48

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH2MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 2, iMC 0 of CPU. (Cleared)	Current	Minor	0x00000030

7.2.11.7 hwCPUMIMC0CH3MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.49

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH3MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 3, iMC 0 of CPU. (Generated)	Current	Minor	0x00000031

7.2.11.8 hwCPUMIMC0CH3MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC0CH3MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 3, iMC 0 of CPU. (Cleared)	Current	Minor	0x00000032

7.2.11.9 hwCPUMIMC1CH0MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH0MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 0, iMC 1 of CPU. (Generated)	Current	Minor	0x00000033

7.2.11.10 hwCPUMIMC1CH0MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH0MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 0, iMC 1 of CPU. (Cleared)	Current	Minor	0x00000034

7.2.11.11 hwCPUMIMC1CH1MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.53

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH1MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 1, iMC 1 of CPU. (Generated)	Current	Minor	0x00000035

7.2.11.12 hwCPUMIMC1CH1MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.54

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH1MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 1, iMC 1 of CPU. (Cleared)	Current	Minor	0x00000036

7.2.11.13 hwCPUMIMC1CH2MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.55

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH2MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 2, iMC 1 of CPU. (Generated)	Current	Minor	0x00000037

7.2.11.14 hwCPUMIMC1CH2MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.56

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH2MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 2, iMC 1 of CPU. (Cleared)	Current	Minor	0x00000038

7.2.11.15 hwCPUMIMC1CH3MirrorFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH3MirrorFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 3, iMC 1 of CPU. (Generated)	Current	Minor	0x00000039

7.2.11.16 hwCPUMIMC1CH3MirrorFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.58

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUMIMC1CH3MirrorFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory mirroring failed in channel 3, iMC 1 of CPU. (Cleared)	Current	Minor	0x0000003A

7.2.11.17 hwCPUVCCPOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.61

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCPOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCP overvoltage. (Generated)	Current	Major	0x0000003D

7.2.11.18 hwCPUVCCPOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCPOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCP overvoltage. (Cleared)	Current	Major	0x0000003E

7.2.11.19 hwCPUVCCPLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.63

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCPLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCP undervoltage. (Generated)	Current	Major	0x0000003F

7.2.11.20 hwCPUVCCPLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.64

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCPLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCP undervoltage. (Cleared)	Current	Major	0x00000040

7.2.11.21 hwCPUAccessVCCPVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVCCPVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VCCP voltage. (Generated)	Current	Minor	0x00000041

7.2.11.22 hwCPUAccessVCCPVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.66

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVCCPVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VCCP voltage. (Cleared)	Current	Minor	0x00000042

7.2.11.23 hwCPUVSAOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.79

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVSAOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VSA overvoltage. (Generated)	Current	Major	0x0000004F

7.2.11.24 hwCPUVSAOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.80

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVSAOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VSA overvoltage. (Cleared)	Current	Major	0x00000050

7.2.11.25 hwCPUVSALowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.81

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVSALowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VSA undervoltage. (Generated)	Current	Major	0x00000051

7.2.11.26 hwCPUVSALowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.82

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVSALowerVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VSA undervoltage. (Cleared)	Current	Major	0x00000052

7.2.11.27 hwCPUAccessVSAVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.83

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVSAVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VSA voltage. (Generated)	Current	Minor	0x00000053

7.2.11.28 hwCPUAccessVSAVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.84

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVSAVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VSA voltage. (Cleared)	Current	Minor	0x00000054

7.2.11.29 hwCPUVCCIOOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.85

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCIOOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCIO overvoltage. (Generated)	Current	Major	0x00000055

7.2.11.30 hwCPUVCCIOOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.86

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCIOOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCIO overvoltage. (Cleared)	Current	Major	0x00000056

7.2.11.31 hwCPUVCCIOLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.87

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCIOLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCIO undervoltage. (Generated)	Current	Major	0x00000057

7.2.11.32 hwCPUVCCIOLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.88

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVCCIOLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VCCIO undervoltage. (Cleared)	Current	Major	0x00000058

7.2.11.33 hwCPUAccessVCCIOVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.89

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVCCIOVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VCCIO voltage. (Generated)	Current	Minor	0x00000059

7.2.11.34 hwCPUAccessVCCIOVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.90

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVCCIOVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VCCIO voltage. (Cleared)	Current	Minor	0x0000005A

7.2.11.35 hwCPUVMCPOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.91

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVMCPOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMCP overvoltage. (Generated)	Current	Major	0x0000005 B

7.2.11.36 hwCPUVMCPOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.92

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVMCPOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMCP overvoltage. (Cleared)	Current	Major	0x0000005 C

7.2.11.37 hwCPUVMCPLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.93

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVMCPLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMCP undervoltage. (Generated)	Current	Major	0x0000005D

7.2.11.38 hwCPUVMCPLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.94

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUVMCPLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU VMCP undervoltage. (Cleared)	Current	Major	0x0000005E

7.2.11.39 hwCPUAccessVMCPVoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.95

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVMCPVoltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VMCP voltage. (Generated)	Current	Minor	0x0000005F

7.2.11.40 hwCPUAccessVMCPVoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.96

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAccessVMCPVoltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read CPU VMCP voltage. (Cleared)	Current	Minor	0x00000060

7.2.11.41 hwCPUCoreOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.109

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The CPU core temperature exceeds the overtemperature threshold. (Generated)	Current	Minor	0x0000006D

7.2.11.42 hwCPUCoreOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.110

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCoreOverTempMin orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The CPU core temperature exceeds the overtemperature threshold. (Cleared)	Current	Minor	0x0000006E

7.2.11.43 hwCPUNimbusLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.111

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNimbusLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Nimbus voltage is lower than the undervoltage threshold. (Generated)	Current	Major	0x0000006F

7.2.11.44 hwCPUNimbusLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.112

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNimbusLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Nimbus voltage is lower than the undervoltage threshold. (Cleared)	Current	Major	0x00000070

7.2.11.45 hwCPUNimbusOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.113

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNimbusOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Nimbus voltage exceeds the overvoltage threshold. (Generated)	Current	Major	0x00000071

7.2.11.46 hwCPUNimbusOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.114

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNimbusOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU Nimbus voltage exceeds the overvoltage threshold. (Cleared)	Current	Major	0x00000072

7.2.11.47 hwCPUAbsence

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.115

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUAbsence	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to start the system. CPU 1 was not detected.	Current	Major	0x00000073

7.2.11.48 hwCPUNVRHot

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.117

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNVRHot	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU has a vr hot error. (Generated)	Current	Major	0x00000075

7.2.11.49 hwCPUNVRHotDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.118

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNVRHotDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU has a vr hot error. (Cleared)	Current	Major	0x00000076

7.2.11.50 hwCPUNVDDQVRHot

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.119

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNVDDQVRHot	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU has a vddq hot error. (Generated)	Current	Major	0x0000007 7

7.2.11.51 hwCPUNVDDQVRHotDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.120

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUNVDDQVRHotDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU has a vddq hot error. (Cleared)	Current	Major	0x0000007 8

7.2.11.52 hwCPUCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.121

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU health status degradation detected by PFAE. (Generated)	Current	OK	0x00000079

7.2.11.53 hwCPUCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.122

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU health status degradation detected by PFAE. (Cleared)	Current	OK	0x0000007A

7.2.11.54 hwCPUReplaced

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.1.129

Object	Bound Variables	Description	Status	Severity	Event Code
hwCPUReplaced	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU is replaced.	Current	OK	0x00000081

7.2.12 hwPSUEvent

7.2.12.1 hwPSUOutputOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power overvoltage. (Generated)	Current	Major	0x03000015

7.2.12.2 hwPSUOutputOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power overvoltage. (Cleared)	Current	Major	0x03000016

7.2.12.3 hwPSUOutputLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.23

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power undervoltage or no output. (Generated)	Current	Major	0x03000017

7.2.12.4 hwPSUOutputLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power undervoltage or no output. (Cleared)	Current	Major	0x03000018

7.2.12.5 hwPSUOutputOverCurrent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputOverCurrent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power overcurrent. (Generated)	Current	Major	0x03000019

7.2.12.6 hwPSUOutputOverCurrentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUOutputOverCurrentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Output power overcurrent. (Cleared)	Current	Major	0x0300001A

7.2.12.7 hwPSUInputOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUInputOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Input power overvoltage. (Generated)	Current	Major	0x0300001B

7.2.12.8 hwPSUInputOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSUInputOverVoltageD eassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Input power overvoltage. (Cleared)	Current	Major	0x0300001 C

7.2.12.9 hwPSU Server Power Failure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSU Server Power Failure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Server power failure.	Current	Major	0x0300001 F

7.2.12.10 hwPSU Detect Fail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.4.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwPSU Detect Fail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to identify PSU.	Current	Major	0x0300002 F

7.2.13 hwPCHEvent

7.2.13.1 hwPCHVpvnnOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHVpvnnOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH VPVNN overvoltage. (Generated)	Current	Major	0x2700000F

7.2.13.2 hwPCHVpvnnOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHVpvnnOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH VPVNN overvoltage. (Cleared)	Current	Major	0x27000010

7.2.13.3 hwPCHVpvnnLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHVpvnnLowerVoltag e	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH VPVNN undervoltage. (Generated)	Current	Major	0x2700001 1

7.2.13.4 hwPCHVpvnnLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHVpvnnLowerVoltag eDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH VPVNN undervoltage. (Cleared)	Current	Major	0x2700001 2

7.2.13.5 hwPCHAccessVpvnnVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessVpvnnVolta geFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH VPVNN voltage. (Generated)	Current	Minor	0x2700001 3

7.2.13.6 hwPCHAccessVpvnnVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.20

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessVpvnnVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH VPVNN voltage. (Cleared)	Current	Minor	0x27000014

7.2.13.7 hwPCHPRIMVoltOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMVoltOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH PRIM 1.05V overvoltage. (Generated)	Current	Major	0x27000015

7.2.13.8 hwPCHPRIMVoltOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.22

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMVoltOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH PRIM 1.05V overvoltage. (Cleared)	Current	Major	0x27000016

7.2.13.9 hwPCHPRIMVoltLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMVoltLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH PRIM 1.05V undervoltage. (Generated)	Current	Major	0x27000017

7.2.13.10 hwPCHPRIMVoltLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMVoltLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH PRIM 1.05V undervoltage. (Cleared)	Current	Major	0x27000018

7.2.13.11 hwPCHPRIMAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH PRIM 1.05V voltage. (Generated)	Current	Minor	0x27000019

7.2.13.12 hwPCHPRIMAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHPRIMAccessVoltageFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH PRIM 1.05V voltage. (Cleared)	Current	Minor	0x2700001A

7.2.13.13 hwPCHCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.51

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH health status degradation detected by PFAE. (Generated)	Current	OK	0x2700003 3

7.2.13.14 hwPCHCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH health status degradation detected by PFAE. (Cleared)	Current	OK	0x2700003 4

7.2.13.15 hwPCHStdbyLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHStdbyLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH standby undervoltage. (Generated)	Current	Major	0x2700002 D

7.2.13.16 hwPCHStdbyLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHStdbyLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH standby undervoltage. (Cleared)	Current	Major	0x2700002E

7.2.13.17 hwPCHStdbyOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHStdbyOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH standby overvoltage. (Generated)	Current	Major	0x2700002F

7.2.13.18 hwPCHStdbyOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.48

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHStdbyOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCH standby overvoltage. (Cleared)	Current	Major	0x2700003 0

7.2.13.19 hwPCHAccessStdbyFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessStdbyFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH standby voltage. (Generated)	Current	Minor	0x2700003 1

7.2.13.20 hwPCHAccessStdbyFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.40.50

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCHAccessStdbyFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read PCH standby voltage. (Cleared)	Current	Minor	0x2700003 2

7.2.14 hwSDRAIDEvent

7.2.14.1 hwSDRAIDCardFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.59.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDCardFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID controller fault. (Generated)	Current	Minor	0x3A000001

7.2.14.2 hwSDRAIDCardFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.59.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwSDRAIDCardFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SD card RAID controller fault. (Cleared)	Current	Minor	0x3A000002

7.2.15 hwMainboardEvent

7.2.15.1 hwMainboardSMI2TainingError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.155

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSMI2TainingError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Initialization error on SMI2 link of mainboard. (Generated)	Current	Critical	0x1000009 B

7.2.15.2 hwMainboardSMI2TainingErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500. 11.17.156

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSMI2TainingErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Initialization error on SMI2 link of mainboard. (Cleared)	Current	Critical	0x1000009 C

7.2.15.3 hwMainboardClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.169

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard clock signals lost. (Generated)	Current	Major	0x100000A 9

7.2.15.4 hwMainboardClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.170

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard clock signals lost. (Cleared)	Current	Major	0x100000AA

7.2.15.5 hwMainboardRemoteBMCBoard

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.171

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRemoteBMCBoard	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	MasteriBMC not present. (Generated)	Current	Critical	0x100000AB

7.2.15.6 hwMainboardRemoteBMCBoardDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.172

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRemoteBMCBoardDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Master iBMC not present. (Cleared)	Current	Critical	0x100000AC

7.2.15.7 hwMainboardSPISSError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.173

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSPISSError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SPI Flash switching status error. (Generated)	Current	Minor	0x100000AD

7.2.15.8 hwMainboardSPISSErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.174

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSPISSErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SPI Flash switching status error. (Cleared)	Current	Minor	0x100000AE

7.2.15.9 hwMainboardPowerLackAlertAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.175

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardPowerLackAlertAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Alert signal check failed. (Generated)	Current	Minor	0x100000AF

7.2.15.10 hwMainboardPowerLackAlertAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.176

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardPowerLackAlertAbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Alert signal check failed. (Cleared)	Current	Minor	0x100000B0

7.2.15.11 hwMainboardLOMUncorrectableErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.177

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardLOMUncorrectableErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LOM MCE/AER error. (Generated)	Current	Critical	0x100000B 1

7.2.15.12 hwMainboardLOMUncorrectableErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.178

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardLOMUncorrectableErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LOM MCE/AER error. (Cleared)	Current	Critical	0x100000B 2

7.2.15.13 hwMainboardSYSLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.179

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSYSLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard voltage undervoltage. (Generated)	Current	Major	0x100000B 3

7.2.15.14 hwMainboardSYSLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.180

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSYSLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard voltage undervoltage. (Cleared)	Current	Major	0x100000B 4

7.2.15.15 hwMainboardSYSOVerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.181

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSYSOVerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard voltage overvoltage. (Generated)	Current	Major	0x100000B 5

7.2.15.16 hwMainboardSYSOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.182

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSYSOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard voltage overvoltage. (Cleared)	Current	Major	0x100000B6

7.2.15.17 hwMainboardRAIDLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.187

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RAID chip voltage at detection point is lower than the undervoltage threshold. (Generated)	Current	Major	0x100000BB

7.2.15.18 hwMainboardRAIDLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.188

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDLowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RAID chip voltage at detection point is lower than the undervoltage threshold. (Cleared)	Current	Major	0x100000B C

7.2.15.19 hwMainboardRAIDOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.189

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RAID chip voltage at detection point is exceeds the overvoltage threshold. (Generated)	Current	Major	0x100000B D

7.2.15.20 hwMainboardRAIDOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.190

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mainboard RAID chip voltage at detection point is exceeds the overvoltage threshold. (Cleared)	Current	Major	0x100000B E

7.2.15.21 hwMainboardRAIDAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.191

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage at detection point on the Mainboard RAID chip. (Generated)	Current	Minor	0x100000BF

7.2.15.22 hwMainboardRAIDAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.192

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardRAIDAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage at detection point on the Mainboard RAID chip. (Cleared)	Current	Minor	0x100000C0

7.2.15.23 hwMainboardAccessRTCTimeFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.195

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessRTCTimeFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the RTC Time on the mainboard. (Generated)	Current	OK	0x100000C3

7.2.15.24 hwMainboardAccessRTCTimeFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.196

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessRTCTimeFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the RTC Time on the mainboard. (Cleared)	Current	OK	0x100000C4

7.2.15.25 hwMainboardAccessRTCClockFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.197

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessRTCClockFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the RTC clock on the mainboard. (Generated)	Current	Major	0x100000C5

7.2.15.26 hwMainboardAccessRTCClockFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.198

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessRTCClockFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the RTC clock on the mainboard. (Cleared)	Current	Major	0x100000C6

7.2.15.27 hwMainboardAccess10GEPHYClockFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.199

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess10GEPHYClockFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the 10GE_PHY clock on the mainboard. (Generated)	Current	Major	0x100000C7

7.2.15.28 hwMainboardAccess10GEPHYClockFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.200

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccess10GE_PHYClockFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the 10GE_PHY clock on the mainboard. (Cleared)	Current	Major	0x100000C8

7.2.15.29 hwMainboardAccessI2CDeviceFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.201

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessI2CDeviceFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I2C device access exception. (Generated)	Current	Major	0x100000C9

7.2.15.30 hwMainboardAccessI2CDeviceFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.202

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardAccessI2CDeviceFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	I2C device access exception. (Cleared)	Current	Major	0x100000CA

7.2.15.31 hwMainboardSoftStartPGErr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.203

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartPGErr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit power supply on the mainboard abnormal. (Generated)	Current	Critical	0x100000C B

7.2.15.32 hwMainboardSoftStartPGErrDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.204

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardSoftStartPGErrDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Soft-start circuit power supply on the mainboard abnormal. (Cleared)	Current	Critical	0x100000C C

7.2.15.33 hwMainboardLOMCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.205

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardLOMCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LOM health status degradation detected by PFAE. (Generated)	Current	OK	0x100000CD

7.2.15.34 hwMainboardLOMCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.17.206

Object	Bound Variables	Description	Status	Severity	Event Code
hwMainboardLOMCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	LOM health status degradation detected by PFAE. (Cleared)	Current	OK	0x100000CE

7.2.16 hwBMCEvent

7.2.16.1 hwBMCTimeHopping

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.41

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCTimeHopping	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	BMC time hopping.	Current	OK	0x1A000029

7.2.16.2 hwBMCNTPSynchronizeFailed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNTPSynchronizeFailed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to synchronize time with the NTP server. (Generated)	Current	OK	0x1A00002B

7.2.16.3 hwBMCNTPSynchronizeFailedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNTPSynchronizeFailedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to synchronize time with the NTP server. (Cleared)	Current	OK	0x1A00002C

7.2.16.4 hwBMCStandbyMMHeartBeatFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCStandbyMMHeartBeatFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Abnormal heartbeat signal between the iBMC and standby management module. (Generated)	Current	Minor	0x1A00002D

7.2.16.5 hwBMCStandbyMMHeartBeatFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCStandbyMMHeartBeatFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Abnormal heartbeat signal between the iBMC and standby management module. (Cleared)	Current	Minor	0x1A00002E

7.2.16.6 hwBMCNandFlashRemainingLifeMntr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.47

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNandFlashRemainingLifeMntr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The service life of the NAND flash is less than threshold.	Current	Minor	0x1A00002F

7.2.16.7 hwBMCNandFlashReservedBlockMntr

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.49

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCNandFlashReservedBlockMntr	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The remaining reserved blocks of the NAND flash are less than threshold.	Current	Minor	0x1A000031

7.2.16.8 hwBMCLicenseOverDue

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.57

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLicenseOverDue	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The iBMC license enters the grace period and can still be used.	Current	Normal	0x1A000039

7.2.16.9 hwBMCLicenseRevoke

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.59

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLicenseRevoke	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The iBMC license has expired.	Current	Normal	0x1A00003 B

7.2.16.10 hwBMCLicenseFileError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLicenseFileError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The iBMC license is incorrect. (Generated)	Current	Major	0x1A00003 D

7.2.16.11 hwBMCLicenseFileErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.27.62

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMCLicenseFileErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The iBMC license is incorrect. (Cleared)	Current	Major	0x1A00003E

7.2.17 hwTPMEvent

7.2.17.1 hwTPMSelfTestFailed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.35.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwTPMSelfTestFailed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	TPM self-test failed .(Generated)	Current	Minor	0x22000001

7.2.17.2 hwTPMSelfTestFailedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.35.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwTPMSelfTestFailedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	TPM self-test failed .(Cleared)	Current	Minor	0x22000002

7.2.18 hwGPUCarrierBoardEvent

7.2.18.1 hwGPUCarrierBoardlowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardlowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board voltage below lower major threshold .(Generated)	Current	Major	0x40000001

7.2.18.2 hwGPUCarrierBoardlowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardlowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board voltage below lower major threshold .(Cleared)	Current	Major	0x4000000 2

7.2.18.3 hwGPUCarrierBoardOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board overvoltage major alarm .(Generated)	Current	Major	0x4000000 3

7.2.18.4 hwGPUCarrierBoardOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board overvoltage major alarm .(Cleared)	Current	Major	0x4000000 4

7.2.18.5 hwGPUCarrierBoardAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage of GPU carrier board.(Generated)	Current	Minor	0x4000000 5

7.2.18.6 hwGPUCarrierBoardAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the power of GPU carrier board.(Cleared)	Current	Minor	0x4000000 6

7.2.18.7 hwGPUCarrierBoardOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.7

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board temperature at detection point exceeds the overtemperature threshold.(Generated)	Current	Minor	0x4000000 7

7.2.18.8 hwGPUCarrierBoardOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board temperature at detection point exceeds the overtemperature threshold.(Cleared)	Current	Minor	0x4000000 8

7.2.18.9 hwGPUCarrierBoardAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the temperature at detection point on the GPU carrier board.(Generated)	Current	Minor	0x4000000 9

7.2.18.10 hwGPUCarrierBoardAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.10

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the temperature at detection point on the GPU carrier board.(Cleared)	Current	Minor	0x4000000A

7.2.18.11 hwGPUCarrierBoardClockSignalLost

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardClockSignalLost	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board clock signals lost.(Generated)	Current	Major	0x4000000B

7.2.18.12 hwGPUCarrierBoardClockSignalLostDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardClockSignalLostDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board clock signals lost.(Cleared)	Current	Major	0x4000000C

7.2.18.13 hwGPUCarrierBoardCPLDSelfTestFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardCPLD SelfTestFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board CPLD self-check error.(Generated)	Current	Major	0x4000000D

7.2.18.14 hwGPUCarrierBoardCPLDSelfTestFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardCPLD SelfTestFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board CPLD self-check error.(Cleared)	Current	Major	0x4000000E

7.2.18.15 hwGPUCarrierBoardAccessPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.15

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the power of GPU carrier board. (Generated)	Current	Minor	0x4000000F

7.2.18.16 hwGPUCarrierBoardAccessPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardAccessPowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the power of GPU carrier board.(Cleared)	Current	Minor	0x40000010

7.2.18.17 hwGPUCarrierBoardPowerOnFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.17

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardPowerOnFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to power on GPU carrier board.(Generated)	Current	Major	0x40000011

7.2.18.18 hwGPUCarrierBoardPowerOnFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardPowerOnFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to power on GPU carrier board.(Cleared)	Current	Major	0x40000012

7.2.18.19 hwGPUCarrierBoardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.19

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board installed.	Current	OK	0x40000013

7.2.18.20 hwGPUCarrierBoardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.21

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board removed.	Current	OK	0x40000015

7.2.18.21 hwGPUCarrierBoardMOSOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardMOSOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The soft-start circuit MOS FET temperature at detection point of GPU carrier board is too high. (Generated)	Current	Major	0x40000017

7.2.18.22 hwGPUCarrierBoardMOSOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.24

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardMOS OverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The soft-start circuit MOS FET temperature at detection point of GPU carrier board is too high. (Cleared)	Current	Major	0x4000001 8

7.2.18.23 hwGPUCarrierBoardSoftStartPGAbnormal

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardSoftSt artPGAbnormal	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The soft-start circuit power supply at detection point of GPU carrier board is abnormal. (Generated)	Current	Major	0x4000001 9

7.2.18.24 hwGPUCarrierBoardSoftStartPGAbnormalDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardSoftSt artPGAbnormalDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The soft-start circuit power supply at detection point of GPU carrier board is abnormal. (Cleared)	Current	Major	0x4000001 A

7.2.18.25 hwGPUCarrierBoardGPUTHermalOver

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardGPUTHermalOver	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	MOS temperature on GPU carrier board exceeds the protection point. (Generated)	Current	Major	0x4000001D

7.2.18.26 hwGPUCarrierBoardGPUTHermalOverDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardGPUTHermalOverDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	MOS temperature on GPU carrier board exceeds the protection point. (Cleared)	Current	Major	0x4000001E

7.2.18.27 hwGPUCarrierBoardOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.31

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board temperature at detection point exceeds the overtemperature threshold.(Generated)	Current	Major	0x4000001F

7.2.18.28 hwGPUCarrierBoardOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.65.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwGPUCarrierBoardOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	GPU carrier board temperature at detection point exceeds the overtemperature threshold.(Cleared)	Current	Major	0x40000020

7.2.19 hwDiskBaseboardEvent

7.2.19.1 hwDiskDrawerClose

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.66.1

Object	Bound Variables	Description	Status	Severity	Event Code
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Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskDrawerClose	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk drawer closed.	Current	OK	0x4100000 1

7.2.19.2 hwDiskDrawerOpen

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.66.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskDrawerOpen	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk drawer opened.	Current	OK	0x4100000 3

7.2.20 hwEIUABoardEvent

7.2.20.1 hwEIUABoardlowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardlowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	EIUA board voltage below lower major threshold .(Generated)	Current	Major	0x42000001

7.2.20.2 hwEIUABoardlowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardlowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	EIUA board voltage below lower major threshold .(Cleared)	Current	Major	0x42000002

7.2.20.3 hwEIUABoardOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	EIUA board overvoltage major alarm .(Generated)	Current	Major	0x42000003

7.2.20.4 hwEIUABoardOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	EIUA board overvoltage major alarm .(Cleared)	Current	Major	0x42000004

7.2.20.5 hwEIUABoardAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read EIUA board voltage .(Generated)	Current	Minor	0x42000005

7.2.20.6 hwEIUABoardAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.67.6

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwEIUABoardAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read EIUA board voltage.(Cleared)	Current	Minor	0x42000006

7.2.21 hwMezzCardEvent

7.2.21.1 hwMezzCardAccessFRULableFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardAccessFRULableFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card electronic label. (Generated)	Current	Minor	0x0B000009

7.2.21.2 hwMezzCardAccessFRULableFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.10

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardAccessFRUL ableFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card electronic label. (Cleared)	Current	Minor	0x0B00000 A

7.2.21.3 hwMezzCardOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overvoltage major alarm. (Generated)	Current	Major	0x0B00000 B

7.2.21.4 hwMezzCardOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardOverVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card overvoltage major alarm. (Cleared)	Current	Major	0x0B00000 C

7.2.21.5 hwMezzCardLowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardLowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card undervoltage major alarm. (Generated)	Current	Major	0xOB00000D

7.2.21.6 hwMezzCardLowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardLowerVoltage Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card undervoltage major alarm. (Cleared)	Current	Major	0xOB00000E

7.2.21.7 hwMezzCardSVIDChipFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.31

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardSVIDChipFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card failed to obtain WFR chip SVID. (Generated)	Current	OK	0xOB00001F

7.2.21.8 hwMezzCardSVIDChipFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardSVIDChipFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card failed to obtain WFR chip SVID. (Cleared)	Current	OK	0xOB000020

7.2.21.9 hwMezzCardVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.33

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card voltage. (Generated)	Current	Minor	0xOB000021

7.2.21.10 hwMezzCardVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read mezzanine card voltage. (Cleared)	Current	Minor	0xOB000022

7.2.21.11 hwMezzCardCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card health status degradation detected by PFAE. (Generated)	Current	OK	0xOB000023

7.2.21.12 hwMezzCardCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.12.36

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMezzCardCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Mezzanine card health status degradation detected by PFAE. (Cleared)	Current	OK	0x0B000024

7.2.22 hwFanBoardEvent

7.2.22.1 hwFanBoardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.25.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanBoardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan backplane power supply over temperature. (Generated)	Current	Major	0x18000001

7.2.22.2 hwFanBoardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.25.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanBoardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan backplane power supply over temperature. (Cleared)	Current	Major	0x18000002

7.2.22.3 hwFanBoardPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.25.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanBoardPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan backplane power failure. (Generated)	Current	Critical	0x18000003

7.2.22.4 hwFanBoardPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.25.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwFanBoardPowerFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fan backplane power failure. (Cleared)	Current	Critical	0x18000004

7.2.23 hwPWRBoardEvent

7.2.23.1 hwPWRBoardOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.26.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPWRBoardOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU backplane power supply overtemperature. (Generated)	Current	Critical	0x1900000 1

7.2.23.2 hwPWRBoardOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.26.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwPWRBoardOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PSU backplane power supply overtemperature. (Cleared)	Current	Critical	0x1900000 2

7.2.24 hwLogicalDriveEvent

7.2.24.1 hwLogicalDriveFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.69.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwLogicalDriveFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Logical drive degraded or partially degraded or offline. (Generated)	Current	Major	0x4400000 1

7.2.24.2 hwLogicalDriveFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.69.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwLogicalDriveFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Logical drive degraded or partially degraded or offline. (Cleared)	Current	Major	0x4400000 2

7.2.25 hwPCIeRetimerEvent

7.2.25.1 hwPCIeRetimerUpdateFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.70.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRetimerUpdateFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe retimer upgrade failure.	Current	Major	0x4500000 1

7.2.25.2 hwPCIeRetimerConfigureFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.70.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRetimerConfigureFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the Retimer. (Generated)	Current	Major	0x4500000 3

7.2.25.3 hwPCIeRetimerConfigureFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.70.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRetimerConfigureFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the Retimer. (Cleared)	Current	Major	0x4500000 4

7.2.25.4 hwPCIeRetimerLoadFileFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.70.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRetimerLoadFileFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe retimer load failure. (Generated)	Current	Minor	0x4500000 5

7.2.25.5 hwPCIeRetimerLoadFileFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.70.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRetimerLoadFileFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe retimer load failure. (Cleared)	Current	Minor	0x4500000 6

7.2.26 hwCableEvent

7.2.26.1 hwCableQPILinkCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.21

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU QPI/UPI link health status degradation detected by PFAE. (Generated)	Current	OK	0x28000015

7.2.26.2 hwCableQPILinkCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.22

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableQPILinkCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	CPU QPI/UPI link health status degradation detected by PFAE. (Cleared)	Current	OK	0x28000016

7.2.26.3 hwCablePowerIncorrectConnection

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.23

Object	Bound Variables	Description	Status	Severity	Event Code
hwCablePowerIncorrectConnection	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power cable is connected incorrectly. (Generated)	Current	Major	0x28000017

7.2.26.4 hwCablePowerIncorrectConnectionDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.24

Object	Bound Variables	Description	Status	Severity	Event Code
hwCablePowerIncorrectConnectionDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power cable is connected incorrectly. (Cleared)	Current	Major	0x28000018

7.2.26.5 hwCableSLIMNotPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSLIMNotPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SLIM cable is not connected. (Generated)	Current	Major	0x2800001B

7.2.26.6 hwCableSLIMNotPresentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSLIMNotPresentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SLIM cable is not connected. (Cleared)	Current	Major	0x2800001C

7.2.27 hwDiskEvent

7.2.27.1 hwDiskPwrFailMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskPwrFailMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The power signal of the disk is abnormal. (Generated)	Current	Major	0x0200001B

7.2.27.2 hwDiskPwrFailMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.28

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskPwrFailMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The power signal of the disk is abnormal. (Cleared)	Current	Major	0x0200001C

7.2.27.3 hwDiskRemMediaWearoutLow

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRemMediaWearoutLow	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The disk remnant media wearout is lower than the threshold. (Generated)	Current	Major	0x0200001D

7.2.27.4 hwDiskRemMediaWearoutLowDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskRemMediaWearoutLowDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The disk remnant media wearout is lower than the threshold. (Cleared)	Current	Major	0x0200001E

7.2.27.5 hwDiskCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.31

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk health status degradation detected by PFAE. (Generated)	Current	OK	0x0200001F

7.2.27.6 hwDiskCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.32

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Hard disk health status degradation detected by PFAE. (Cleared)	Current	OK	0x02000020

7.2.27.7 hwDiskAccessVPDInfoFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.33

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskAccessVPDInfoFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the VPD infomation of disk. (Generated)	Current	Minor	0x02000021

7.2.27.8 hwDiskAccessVPDInfoFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.34

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskAccessVPDInfoFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the VPD infomation of disk. (Cleared)	Current	Minor	0x02000022

7.2.27.9 hwDiskReplaced

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.3.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskReplaced	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Disk is replaced	Current	OK	0x02000023

7.2.28 hwRAIDCardEvent

7.2.28.1 hwRAIDCardBBUOverTemp

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUOverTemp	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: 9: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU overheating minor alarm. (Generated).	Current	Minor	0x06000019

7.2.28.2 hwRAIDCardBBUOverTempDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.26

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUOverTempDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card BBU overheating minor alarm. (Cleared).	Current	Minor	0x0600001A

7.2.28.3 hwRAIDCardBBUAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.27

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read RAID controller card BBU temperature. (Generated).	Current	Minor	0x0600001B

7.2.28.4 hwRAIDCardBBUAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardBBUAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read RAID controller card BBU temperature. (Cleared).	Current	Minor	0x0600001C

7.2.28.5 hwRAIDCardCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.35

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card health status degradation detected by PFAE. (Generated)	Current	OK	0x06000023

7.2.28.6 hwRAIDCardCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.7.36

Object	Bound Variables	Description	Status	Severity	Event Code
hwRAIDCardCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	RAID controller card health status degradation detected by PFAE. (Cleared)	Current	OK	0x06000024

7.2.29 hwNetworkCardEvent

7.2.29.1 hwNetworkCardCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC health status degradation detected by PFAE. (Generated)	Current	OK	0x0D000007

7.2.29.2 hwNetworkCardCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.14.8

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwNetworkCardCEHardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	NIC health status degradation detected by PFAE. (Cleared)	Current	OK	0x0D000008

7.2.30 hwPHYEvent

7.2.30.1 hwSASPHYErrIncreasedTooFast

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.44.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwSASPHYErrIncreasedTooFast	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	SAS PHY bit error increased too fast.	Current	OK	0x2B000003

7.2.31 hwHMMEvent

7.2.31.1 hwHMMAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.24.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwHMMAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the HMM temperature. (Generated)	Current	Minor	0x17000001

7.2.31.2 hwHMMAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.24.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwHMMAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the HMM temperature. (Cleared)	Current	Minor	0x17000002

7.2.31.3 hwHMMVersionLow

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.24.3

Object	Bound Variables	Description	Status	Severity	Event Code
hwHMMVersionLow	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	An earlier version of HMM is used. (Generated)	Current	Major	0x17000003

7.2.31.4 hwHMMVersionLowDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.24.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwHMMVersionLowDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	An earlier version of HMM is used. (Cleared)	Current	Major	0x17000004

7.2.32 hwFabricPlaneEvent

7.2.32.1 hwFabricPlaneSWEEPROMFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.59

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWEEPROMFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch EEPROM fault. (Generated)	Current	Major	0x1E00003B

7.2.32.2 hwFabricPlaneSWEEPROMFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.60

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWEPRO MFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch EEPROM fault. (Cleared)	Current	Major	0x1E00003 C

7.2.32.3 hwFabricPlaneSWClock

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.61

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWClock	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch clock abnormal. (Generated)	Current	Major	0x1E00003 D

7.2.32.4 hwFabricPlaneSWClockDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.62

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWClockDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Fabric plane switch clock abnormal. (Cleared)	Current	Major	0x1E00003 E

7.2.32.5 hwFabricPlaneSWAccessSVIDFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWAccessSVIDFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the switch chip SVID value for the Fabric plane. (Generated)	Current	OK	0x1E000041

7.2.32.6 hwFabricPlaneSWAccessSVIDFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.31.66

Object	Bound Variables	Description	Status	Severity	Event Code
hwFabricPlaneSWAccessSVIDFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the switch chip SVID value for the Fabric plane. (Cleared)	Current	OK	0x1E000042

7.2.33 hwPCIeRiserEvent

7.2.33.1 hwPCIeRiserOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.5

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card temperature exceeds the overtemperature threshold. (Generated)	Current	Minor	0x0F000005

7.2.33.2 hwPCIeRiserOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card temperature exceeds the overtemperature threshold. (Cleared)	Current	Minor	0x0F000006

7.2.33.3 hwPCIeRiserAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.7

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the PCIe riser card temperature. (Generated)	Current	Minor	0x0F000007

7.2.33.4 hwPCIeRiserAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.8

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain data of the PCIe riser card temperature. (Cleared)	Current	Minor	0x0F000008

7.2.33.5 hwPCIeRiserlowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.9

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserlowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser voltage at detection point is lower than the undervoltage threshold. (Generated)	Current	Major	0x0F000009

7.2.33.6 hwPCIeRiserlowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.10

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserlowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser voltage at detection point is lower than the undervoltage threshold. (Cleared)	Current	Major	0x0F00000A

7.2.33.7 hwPCIeRiserOverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser voltage at detection point exceeds the overvoltage threshold. (Generated)	Current	Major	0x0F00000B

7.2.33.8 hwPCIeRiserOverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.12

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser voltage at detection point exceeds the overvoltage threshold. (Cleared)	Current	Major	0x0F00000C

7.2.33.9 hwPCIeRiserAccessVoltageFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.13

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserAccessVoltageFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage at detection point on the PCIe riser. (Generated)	Current	Minor	0x0F00000D

7.2.33.10 hwPCIeRiserAccessVoltageFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.14

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserAccessVoltageFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain the voltage at detection point on the PCIe riser. (Cleared)	Current	Minor	0x0F00000E

7.2.33.11 hwPCIeRiserOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.15

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Pebpa backplane power supply over temperature. (Generated)	Current	Major	0x0F00000F

7.2.33.12 hwPCIeRiserOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.16

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Pebpa backplane power supply over temperature. (Cleared)	Current	Major	0x0F000010

7.2.33.13 hwPCIeRiserPowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.17

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserPowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card power failure.(Generated)	Current	Major	0x0F000011

7.2.33.14 hwPCIeRiserPowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.16.18

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeRiserPowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	PCIe riser card power failure.(Cleared)	Current	Major	0x0F000012

7.2.34 hwPassThroughCardEvent

7.2.34.1 hwPassThroughCardInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.68.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwPassThroughCardInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The pass-through card installed.	Current	OK	0x43000001

7.2.34.2 hwPassThroughCardRemoved

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.68.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPassThroughCardRemoved	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The pass-through card removed.	Current	OK	0x43000003

7.2.35 hwRepeaterPCIeEvent

7.2.35.1 hwRepeaterPCIeConfigureFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.71.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwRepeaterPCIeConfigureFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the Repeater. (Generated)	Current	Major	0x46000001

7.2.35.2 hwRepeaterPCIeConfigureFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.71.2

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwRepeaterPCIeConfigureFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the Repeater. (Cleared)	Current	Major	0x46000002

7.2.36 hwCableSASRedriverEvent

7.2.36.1 hwCableSASRedriverConfigureFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSASRedriverConfigureFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the SAS. (Generated)	Current	Minor	0x28000019

7.2.36.2 hwCableSASRedriverConfigureFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.41.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwCableSASRedriverConfigureFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to configure the SAS. (Cleared)	Current	Minor	0x2800001A

7.2.37 hwMemoryEvent

7.2.37.1 hwMemoryMRCFatalError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.47

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryMRCFatalError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory MRC fatal error. (Generated)	Current	Critical	0x0100002F

7.2.37.2 hwMemoryMRCFatalErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.48

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryMRCFatalErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory MRC fatal error. (Cleared)	Current	Critical	0x01000030

7.2.37.3 hwMemoryVPP2OverVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.51

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP2OverVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory VPP2 overvoltage. (Generated)	Current	Major	0x01000033

7.2.37.4 hwMemoryVPP2OverVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.52

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP2OverVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory VPP2 overvoltage. (Cleared)	Current	Major	0x01000034

7.2.37.5 hwMemoryVPP2LowerVoltage

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.53

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP2LowerVoltage	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory VPP2 undervoltage. (Generated)	Current	Major	0x01000035

7.2.37.6 hwMemoryVPP2LowerVoltageDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.54

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryVPP2LowerVoltageDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory VPP2 undervoltage. (Cleared)	Current	Major	0x01000036

7.2.37.7 hwMemoryAccessVPP2VoltFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.55

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryAccessVPP2Vo ltFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the memory VPP2 voltage. (Generated)	Current	Minor	0x0100003 7

7.2.37.8 hwMemoryAccessVPP2VoltFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.56

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryAccessVPP2Vo ltFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read the memory VPP2 voltage. (Cleared)	Current	Minor	0x0100003 8

7.2.37.9 hwMemoryConfigError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.37

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryConfigError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect memory configuration. (Generated)	Current	Critical	0x0100002 5

7.2.37.10 hwMemoryConfigErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryConfigErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Incorrect memory configuration. (Cleared)	Current	Critical	0x01000026

7.2.37.11 hwMemoryInitializationError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryInitializationError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory initialization error. (Generated)	Current	Critical	0x01000027

7.2.37.12 hwMemoryInitializationErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.40

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryInitializationErr orDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory initialization error. (Cleared)	Current	Critical	0x0100002 8

7.2.37.13 hwMemoryCEHardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.45

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCEHardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory CE hard failure. (Generated)	Current	OK	0x0100002 D

7.2.37.14 hwMemoryCEHardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.46

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryCEHardFailure Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory CE hard failure. (Cleared)	Current	OK	0x0100002 E

7.2.37.15 hwMemoryReplaced

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.2.65

Object	Bound Variables	Description	Status	Severity	Event Code
hwMemoryReplaced	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Memory is replaced.	Current	OK	0x01000041

7.2.38 hwChassisEvent

7.2.38.1 hwChassisRightMountingEarNotPresent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisRightMountingEarNotPresent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Right mounting ear is not present. (Generated)	Current	Minor	0x12000019

7.2.38.2 hwChassisRightMountingEarNotPresentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisRightMountingEarNotPresentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Right mounting ear is not present. (Cleared)	Current	Minor	0x1200001 A

7.2.38.3 hwChassisDeviceTempOverShortTermSpecification

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.19.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwChassisDeviceTempOverShortTermSpecification	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	The system operating temperature exceeds the short-term temperature range.	Current	OK	0x1200001 B

7.2.39 hwBasePlaneEvent

7.2.39.1 hwBasePlaneCPUOverTempMinor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.37

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverTempMinor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overheating minor alarm. (Generated)	Current	Minor	0x1D000025

7.2.39.2 hwBasePlaneCPUOverTempMinorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.38

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverTempMinorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overheating minor alarm. (Cleared)	Current	Minor	0x1D000026

7.2.39.3 hwBasePlaneCPUOverTempMajor

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.39

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverTempMajor	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overheating major alarm. (Generated)	Current	Major	0x1D000027

7.2.39.4 hwBasePlaneCPUOverTempMajorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.40

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUOverTempMajorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane CPU overheating major alarm. (Cleared)	Current	Major	0x1D000028

7.2.39.5 hwBasePlaneCPUAccessTempFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.41

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUAccessTempFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane CPU temperature. (Generated)	Current	Minor	0x1D000029

7.2.39.6 hwBasePlaneCPUAccessTempFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.42

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlaneCPUAccessTempFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to read Base plane CPU temperature. (Cleared)	Current	Minor	0x1D00002 A

7.2.39.7 hwBasePlanePSFault

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.43

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePSFault	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane PS fault. (Generated)	Current	Major	0x1D00002 B

7.2.39.8 hwBasePlanePSFaultDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.30.44

Object	Bound Variables	Description	Status	Severity	Event Code
hwBasePlanePSFaultDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Base plane PS fault. (Cleared)	Current	Major	0x1D00002 C

7.2.40 hwConnectionBoardEvent

7.2.40.1 hwConnBoardNotProInstalled

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.1

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardNotProInstalled	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board not securely installed. (Generated)	Current	Major	0x3F000001

7.2.40.2 hwConnBoardNotProInstalledDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardNotProInstalledDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board not securely installed. (Cleared)	Current	Major	0x3F000002

7.2.40.3 hwConnBoardAbsent

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.3

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardAbsent	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board not detected. (Generated)	Current	Major	0x3F000003

7.2.40.4 hwConnBoardAbsentDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.4

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardAbsentDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board not detected. (Cleared)	Current	Major	0x3F000004

7.2.40.5 hwConnBoardFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.5

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board fault. (Generated)	Current	Major	0x3F000005

7.2.40.6 hwConnBoardFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.64.6

Object	Bound Variables	Description	Status	Severity	Event Code
hwConnBoardFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Connection board fault. (Cleared)	Current	Major	0x3F000006

7.2.41 hwDiskBackplaneEvent

7.2.41.1 hwDiskBackplanePowerFailure

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.11

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplanePowerFailure	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supply to the disk backplane failed. (Generated)	Current	Critical	0x0500000B

7.2.41.2 hwDiskBackplanePowerFailureDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.6.12

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwDiskBackplanePowerFailureDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Power supply to the disk backplane failed. (Cleared)	Current	Critical	0x0500000C

7.2.42 hwPCIeSwitchEvent

7.2.42.1 hwPCIeSwitchFileFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.25

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchFileFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain PCIe Switch update file. (Generated)	Current	Major	0x3E000019

7.2.42.2 hwPCIeSwitchFileFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.26

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchFileFailDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to obtain PCIe Switch update file. (Cleared)	Current	Major	0x3E00001 A

7.2.42.3 hwPCIeSwitchUpdateFail

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.27

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchUpdateFail	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to update PCIe Switch eeprom. (Generated)	Current	Major	0x3E00001 B

7.2.42.4 hwPCIeSwitchUpdateFailDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.28

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchUpdateFail Deassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to update PCIe Switch eeprom. (Cleared)	Current	Major	0x3E00001 C

7.2.42.5 hwPCIeSwitchUncorrectableError

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.29

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchUncorrectableError	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable PCIe Switch error. (Generated)	Current	Major	0x3E00001D

7.2.42.6 hwPCIeSwitchUncorrectableErrorDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.63.30

Object	Bound Variables	Description	Status	Severity	Event Code
hwPCIeSwitchUncorrectableErrorDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Uncorrectable PCIe Switch error. (Cleared)	Current	Major	0x3E00001E

7.2.43 hwBMAEvent

7.2.43.7 hwBMAForwardFailed

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.74.1

Object	Bound Variables	Description	Status	Severity	Event Code

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMAForwardFailed	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to create a forward mapping table on the iBMA. (Generated)	Current	Minor	0x4900000 1

7.2.43.8 hwBMAForwardFailedDeassert

The OID of this object is 1.3.6.1.4.1.2011.2.235.1.1.500.11.74.2

Object	Bound Variables	Description	Status	Severity	Event Code
hwBMAForwardFailedDeassert	1: hwTrapSeq 2: hwTrapSensorName 3: hwTrapEvent 4: hwTrapSeverity 5: hwTrapEventCode 6: hwTrapEventData2 7: hwTrapEventData3 8: hwTrapSeverIdentity 9: hwTrapLocation 10: hwTrapTime	Failed to create a forward mapping table on the iBMA. (Cleared)	Current	Minor	0x4900000 2

A cronyms and Abbreviations

B

BMC baseboard management controller

D

DNS domain name system

F

FRU field replaceable unit

G

GUID globally unique identifier

I

IPMI Intelligent Platform Management Interface

L

LDAP Lightweight Directory Access Protocol

M

MIB Management Information Base

N

NTP Network Time Protocol

O

OID object identifier

P

PCIe	Peripheral Component Interconnect Express
PEF	Platform Event Filter

S

SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol