About this manual

A   Trap List Overview

This describes how to read the trap list table and the screen display examples.

B   Trap List

The trap list is described according to its various classifications.

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A Trap List Overview

This manual shows an overview of SNMP traps viewable in the ServerView alarm service and explains how to read the trap lists in this manual.

A.1 Notes

- In this manual, traps shown as "Not supported" or traps not listed are unsupported. (Including traps not shown as UNKNOWN and traps shown in the class "4" and "5" alarm list in "A.2 How to read the trap list" (→pg.5)).
- Because the Agents of I/O component traps vary, they are supplied by the various vendors. Depending on the version of the Agents, message content may change. Refer to the manual provided with the server for details about messages.
- When "ENTERPRISE OID" is a version other than "enterprises.231" the contact representative will vary depending on the vendor it is supplied by.

A.2 How to read the trap list

The displayed content of trap messages is classed in the following way.

1. Pop up messages
2. OS event logs
3. AlarmService alarm list
4. Alarm list of the AlarmService alarm settings
5. MIB file Help alarm list alarm type

The trap list entries are displayed in the following way.

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
Ⓐ ------- Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ

Ⓐ : Name of the trap.
   Corresponding to "5. MIB file Help alarm list alarm type".

Ⓑ : Name of the trap.
   Corresponding to "3. AlarmService alarm list" and "4. Alarm list of the AlarmService alarm settings".

Ⓒ : List number of the trap.
Ⓓ : Level of importance (error class) of the trap.
Ⓔ : "1. Pop up messages" and "2. OS event logs".
Ⓕ : Additional explanation or problem solution for the trap.

A.3 Screen display examples

The screen display examples are as follows:

● Popup

● OS Event log
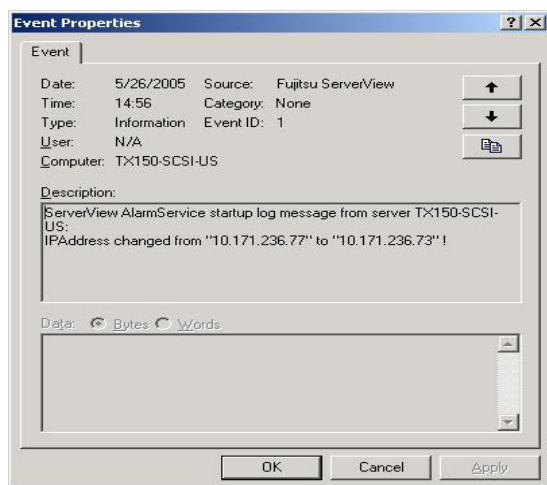
● **AlarmService (Alarm Monitor) alarm list**

● **Alarm list of the AlarmService alarm settings**

● **MIB file Help alarm list**

In order to use this display the above screens, you must perform the following operations:

1. Start the ServerView AlarmService.
2. Click AlarmService [Help].
3. Click [Agent alarm information] in the [Contents].
4. Click [RFC1157.mib] in "AlarmMib".

■ Description examples that appear in the mib file.

Description examples that appear in the mib file are shown below.

```
testTrap TRAP-TYPE
ENTERPRISE sniServerMgmt
VARIABLES {
trapServerName,
trapTime
}
DESCRIPTION
   "Test trap to verify trap connection."
--#TYPE       "Test trap"
--#SUMMARY     "Test trap from server %s (no error)."
--#ARGUMENTS   { 0 }
--#SEVERITY    INFORMATIONAL
--#TIMEINDEX   1
--#HELP        "Note: This is no error condition."
--#HELPTAG
--#STATE       OPERATIONAL
::= 600
```

B Trap List

B.1 SNI-TRAP-MIB (trap.mib)

Traps from the ServerView console.

table: SNI-TRAP-MIB Trap (ENTERPRISE : enterprises.231)

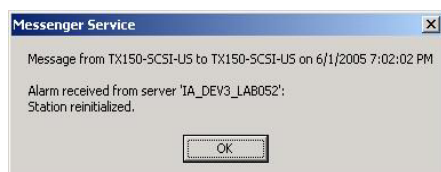| TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniNWVolSysMounted Volume SYS is mounted	0	INFORMAT IONAL	Volume SYS is mounted on server %s	A Netware monitor Trap. Not supported.
sniNWSysVolumeDismounted Volume SYS is dismounted	1	CRITICAL	Volume SYS is dismounted on server %s	↑
sniNWVolumeMounted Volume is mounted	2	INFORMAT IONAL	Volume %s is mounted on server %s	↑
sniNWVolumeDismounted Volume is dismounted	3	INFORMAT IONAL	Volume %s is dismounted on server %s	↑
sniNWDownServer Server is going down (NetWare)	4	CRITICAL	Server is going down: %s	↑
sniNWExitToDos Server exits to DOS	7	CRITICAL	Server exits to DOS : %s	↑
sniNWModuleUnloaded Module is unloaded	8	INFORMAT IONAL	Module %s is unloaded on server %s	↑
sniNWClearConnection Connection is cleared	9	INFORMAT IONAL	A connection is cleared on server %s	↑
sniNWLoginUser User logged into server	10	INFORMAT IONAL	A user logged into server %s	↑
sniNWCreateBinderyObj Bindery object created	11	INFORMAT IONAL	A bindery object is created on server %s	↑
sniNWDeleteBinderyObj Bindery object deleted	12	INFORMAT IONAL	A bindery object is deleted on server %s	↑
sniNWChangeSecurity Security changed (NetWare)	13	INFORMAT IONAL	Security change has occurred on server %s	↑
sniNWActivateScreen Screen activated	14	INFORMAT IONAL	A screen is activated on server %s	↑
sniNWUpdateScreen Screen updated	15	INFORMAT IONAL	A screen is updated on server %s	↑
sniNWUpdateCursor Cursor position updated	16	INFORMAT IONAL	The cursor position is updated on server %s	↑
sniNWKeyWasPressed Key pressed	17	INFORMAT IONAL	A key is pressed on server %s	↑
sniNWDeactivateScreen Screen deactivated	18	INFORMAT IONAL	A screen is deactivated on server %s	↑
sniNWTrusteeChange Trustee changed (NetWare)	19	INFORMAT IONAL	Trustee is changed on server %s	↑
sniNWOpenScreen Screen opened	20	INFORMAT IONAL	A Screen is opened on server %s	↑

table: SNI-TRAP-MIB Trap (ENTERPRISE : enterprises.231)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniNWCloseScreen Screen closed	21	INFORMATIONAL	A Screen is closed on server %s	↑
sniNWModifyDirEntry Directory entry changed	22	INFORMATIONAL	Directory entry is changed on server %s	↑
sniNWNoRelinquishControl NLM has not relinquished control	23	CRITICAL	The NLM %s has not relinquished control on server %s	↑
sniNWThreadSwitch Thread switch has occurred	25	INFORMATIONAL	A thread switch has occurred on server %s	↑
sniNWModuleLoaded Module loaded	27	INFORMATIONAL	Module %s is loaded on server %s	↑
sniNWCreateProcess Process created	28	INFORMATIONAL	A Process is created on server %s	↑
sniNWDestroyProcess Process destroyed	29	INFORMATIONAL	A Process is destroyed on server %s	↑
sniNWNewPublic New public symbol	32	INFORMATIONAL	A new public symbol is registered on server %s	↑
sniNWProtocolBind Protocol bound	33	INFORMATIONAL	A protocol is bound to a MLID on server %s	↑
sniNWProtocolUnbind Protocol unbound	34	MAJOR	A protocol is unbound from a MLID on server %s	↑
sniNWAllocateConnection Connection allocated	37	INFORMATIONAL	A connection is allocated on server %s	↑
sniNWLogoutConnection User logged out	38	INFORMATIONAL	A user has logged out of server %s	↑
sniNWMLIDRegister MLID registered	39	INFORMATIONAL	A MLID is registered on server %s	↑
sniNWMLIDDeRegister MLID deregistered	40	INFORMATIONAL	A MLID is deregistered on server %s	↑
sniNWDataMigration File data migrated	41	INFORMATIONAL	A files data has been migrated on server %s	↑
sniNWDataDeMigration File data demigrated	42	INFORMATIONAL	A files data has been demigrated on server %s	↑
sniNWQueueAction Queue status changed	43	INFORMATIONAL	A queue is activated, deactivated, created or deleted on server %s	↑
sniNWAlert Alert written	44	INFORMATIONAL	A Netware Alert message is written to the console on server %s. Module %s: %s	↑
sniNWCreateObject DS object created	46	INFORMATIONAL	A Directory Service object is created on server %s	↑
sniNWDeleteObject DS object deleted	47	INFORMATIONAL	A Directory Service object is deleted on server %s	↑
sniNWRenameObject DS object renamed	48	INFORMATIONAL	A Directory Service object is renamed on server %s	↑
sniNWValueChanged DS object value changed	49	INFORMATIONAL	A Directory Service object's value changed on server %s	↑
sniNWCloseFile File closed	50	INFORMATIONAL	A file is closed on server %s	↑
sniNWChangeTime Time changed (NetWare)	51	INFORMATIONAL	Time has changed or a nonuniform time adjustment has occurred on server %s	↑

table: SNI-TRAP-MIB Trap (ENTERPRISE : enterprises.231)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniInvPollTrapExceeded Threshold exceeded	128	INFORMATIONAL	Threshold exceeded : %s, on Server %s	This message shows that the threshold exceeded the value set in the threshold manager.
sniInvPollTrapUnderflow Threshold underflow	129	INFORMATIONAL	Threshold underflow : %s, on Server %s	↑
sniInvPollDeltaExceeded DELTA-Threshold exceeded	130	INFORMATIONAL	DELTA-Threshold exceeded : %s, on Server %s	↑
sniInvDeltaTrapUnderflow DELTA-Threshold underflow	131	INFORMATIONAL	DELTA-Threshold underflow : %s, on Server %s	↑
sniInvTrapInvalid Threshold invalid	132	INFORMATIONAL	Threshold Invalid: %s, on Server %s	This message refers to the value set in the threshold manager.
sniInvTrapValid Threshold valid	133	INFORMATIONAL	Threshold Valid: %s, on Server %s	↑
sniNTDownServer Server is going down (NT)	300	INFORMATIONAL	Server is going down : %s	
sniNTLoginUser User logged in	301	INFORMATIONAL	A user logged into server %s	
sniNTChangeSecurity Security changed (NT)	302	INFORMATIONAL	Security change has occurred on server %s	
sniNTTrusteeChange Trustee changed (NT)	303	INFORMATIONAL	A trustee is changed on server %s	
sniNTAlert NT Alert written	304	INFORMATIONAL	An NT Alert message is written to the eventlog (Control String: %s) on server %s.	
sniNTChangeTime Time changed (NT)	305	INFORMATIONAL	Time has changed or a nonuniform time adjustment has occurred on server %s	
sniNTRegChangeName Keyname changed	310	INFORMATIONAL	Keyname in registry has been changed on server %s	
sniNTRegChangeAttr Registry key attributes changed	311	INFORMATIONAL	Attributes for a key or its subtree in registry has been changed on server %s	
sniNTRegChangeLastWrite Registry last write time changed	312	INFORMATIONAL	Last write time for a key or its subtree in registry has been changed on server %s	
sniNTRegChangeSecurity Registry key security changed	313	INFORMATIONAL	Security for a key or its subtree in registry has been changed on server %s	
sniNTFileChangeName File name modified	320	INFORMATIONAL	A file name has been changed, created or deleted on server %s	
sniNTFileChangeDirName Directory name modified	321	INFORMATIONAL	A directory name has been changed, created or deleted on server %s	
sniNTFileChangeAttr File attributes changed	322	INFORMATIONAL	File or directory attributes have been changed on server %s	
sniNTFileChangeSize File size changed	323	INFORMATIONAL	File size has been changed on server %s	
sniNTFileChangeLastWrite File last write time changed	324	INFORMATIONAL	Last write time on a file has been changed on server %s	
sniNTFileChangeSecurity File security changed	325	INFORMATIONAL	Security on a file has been changed on server %s	

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniNTEventLogError Eventlog entry: error	330	INFORMAT IONAL	Error entry written to eventlog on server %s	
sniNTEventLogWarning Eventlog entry: warning	331	INFORMAT IONAL	Warning entry written to eventlog on server %s Warning entry written to eventlog on server %s	
sniNTEventLogInformation Eventlog entry: information	332	INFORMAT IONAL	Informational entry written to eventlog on server %s	
sniNTEventLogSuccess Eventlog entry: success audit	333	INFORMAT IONAL	Audit success entry written to eventlog on server %s	
sniNTEventLogFailure Eventlog entry: failure audit	334	INFORMAT IONAL	Failure audit entry written to eventlog on server %s	

B.2   SNI-MYLEX-MIB (mylex.mib)

Traps from the Mylex Disk Array Controller. For message details, refer to the RAID controller (RAID Manager (GAM: Global Array Manager)) manual.

table: SNI-MYLEX-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
mylexAutoRebuildStarted Automatic rebuild started	200	INFORMAT IONAL	Automatic rebuild of device %d on channel %d was started at disk array adapter in slot %d. The standby device %d at channel %d will be used (Server %s).	
mylexManualRebuildStarted Manual rebuild started	201	INFORMAT IONAL	Manual rebuild was started at disk array adapter in slot %d at server %s.	
mylexRebuildDone Rebuild done	202	INFORMAT IONAL	Rebuild was successfully completed at disk array adapter in slot %d (Server %s).	
mylexRebuildCanceled Rebuild cancelled	203	INFORMAT IONAL	Rebuild was cancelled at disk array adapter in slot %d (Server %s).	
mylexRebuildStatus Rebuild status	204	INFORMAT IONAL	Rebuild status at disk array adapter in slot %d: current drive=%d, drive size=%d MBytes; %d MBytes remaining (Server %s).	
mylexRebuildError Rebuild error	205	MAJOR	Rebuild error at disk array adapter in slot %d: %d bad blocks detected (Server %s).	
mylexRebuildNewDeviceFail ed Rebuild device failed	206	MAJOR	Rebuild finished at disk array adapter in slot %d: new device failed (Server %s).	
mylexRebuildLogicalDriveFai led Rebuild drive failed	207	MAJOR	Rebuild finished at disk array adapter in slot %d: logical drive failed, %d bad blocks detected (Server %s).	
mylexParityCheckStarted Parity check started	208	INFORMAT IONAL	Parity check was started at disk array adapter in slot %d (Server %s).	
mylexParityCheckDone Parity check done	209	INFORMAT IONAL	Parity check was successfully completed at disk array adapter in slot %d (Server %s).	

table: SNI-MYLEX-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
mylexParityCheckCanceled Parity check cancelled	210	INFORMAT IONAL	Parity check was cancelled at disk array adapter in slot %d (Server %s).	
mylexParityCheckStatus Parity check status	211	INFORMAT IONAL	Parity check status at disk array adapter in slot %d: current drive=%d, drive size=%d MB; %d MBytes remaining (Server %s).	
mylexParityCheckError Parity check error	212	MAJOR	Parity check error at disk array adapter in slot %d: %d bad blocks detected (Server %s).	
mylexParityCheckLogicalDriv eFailed Parity check: drive failed	213	MAJOR	Parity check finished at disk array adapter in slot %d; logical drive failed: %d bad blocks detected (Server %s).	
mylexLogicalDriveOffline Logical drive offline	214	CRITICAL	Logical drive %d at disk array adapter in slot %d is offline (Server %s).	
mylexLogicalDriveCritical Logical drive critical	215	MAJOR	Logical drive %d at disk array adapter in slot %d is critical (Server %s).	
mylexLogicalDriveOnline Logical drive online	216	INFORMAT IONAL	Logical drive %d at disk array adapter in slot %d is online (Server %s).	
mylexPhysicalDeviceDied Physical device dead	217	CRITICAL	Physical device %d on channel %d at disk array adapter in slot %d is DEAD (Server %s).	
mylexPhysicalDeviceAlive Physical device online	218	INFORMAT IONAL	Physical device %d on channel %d at disk array adapter in slot %d is now ONLINE (Server %s).	
mylexWriteBackError Write back error	219	MAJOR	Controller cache write back error at disk array adapter in slot %d: %d bad blocks (Server %s).	
mylexStateChangeTableFull Cache change table full	220	MAJOR	Cache state-change table full at disk array adapter in slot %d (Server %s).	
mylexAdapterDied Disk controller died	221	CRITICAL	Connection to disk array controller in slot %d on server %s lost.	
mylexAutoRebuildStarted2 Automatic rebuild started	222	INFORMAT IONAL	Automatic rebuild of system drive %d was started at disk array adapter in slot %d at server %s.	
mylexManualRebuildStarted2 Manual rebuild started	223	INFORMAT IONAL	Manual rebuild of system drive %d was started at disk array adapter in slot %d at server %s.	
mylexRebuildDone2 Rebuild done	224	INFORMAT IONAL	Rebuild of system drive %d was successfully completed at disk array adapter in slot %d at server %s.	
mylexRebuildCanceled2 Rebuild cancelled	225	INFORMAT IONAL	Rebuild of system drive %d was cancelled at disk array adapter in slot %d at server %s.	
mylexRebuildError2 Rebuild error	226	MAJOR	Rebuild error on system drive %d at disk array adapter in slot %d at server %s.	
mylexRebuildNewDeviceFail ed2 Rebuild device failed	227	MAJOR	Rebuild of system drive %d finished at disk array adapter in slot %d: new device failed at server %s.	
mylexRebuildLogicalDriveFai led2 Rebuild drive failed	228	MAJOR	Rebuild of system drive %d finished at disk array adapter in slot %d: system drive failed at server %s.	

table: SNI-MYLEX-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
mylexInitializationStarted Initialization started	229	INFORMAT IONAL	Initialization of system drive %d started at disk array adapter in slot %d at server %s.	
mylexInitializationDone Initialization done	230	INFORMAT IONAL	Initialization of system drive %d successfully finished at disk array adapter in slot %d at server %s.	
mylexInitializationCanceled Initialization canceled	231	INFORMAT IONAL	Initialization of system drive %d canceled at disk array adapter in slot %d at server %s.	
mylexInitializationFailed Initialization failed	232	MAJOR	Initialization of system drive %d failed at disk array adapter in slot %d at server %s.	
mylexSystemDriveCreated System drive created	233	INFORMAT IONAL	New system drive %d created at disk array adapter in slot %d at server %s.	
mylexSystemDriveDeleted System drive deleted	234	INFORMAT IONAL	System drive %d deleted at disk array adapter in slot %d at server %s.	
mylexRaidExpansionStarted RAID expansion started	235	INFORMAT IONAL	RAID capacity expansion on system drive %d started at disk array adapter in slot %d at server %s.	
mylexRaidExpansionDone RAID expansion done	236	INFORMAT IONAL	RAID capacity expansion on system drive %d successfully finished at disk array adapter in slot %d at server %s.	
mylexRaidExpansionFailed RAID expansion failed	237	MAJOR	RAID capacity expansion failed on system drive %d at disk array adapter in slot %d at server %s.	
mylexSystemDriveBadBlock Bad block	238	MINOR	Bad block(s) detected on system drive %d at disk array adapter in slot %d at server %s.	
mylexSystemDriveSizeChang ed System drive size changed	239	INFORMAT IONAL	Size of system drive %d was changed at disk array adapter in slot %d at server %s.	
mylexRaidTypeChanged RAID type changed	240	INFORMAT IONAL	RAID type of system drive %d was changed at disk array adapter in slot %d at server %s.	
mylexPhysicalDeviceHotspare Physical device hotspare	250	INFORMAT IONAL	Physical device %d on channel %d at disk array adapter in slot %d is now HOTSPARE (Server %s).	
mylexPhysicalDeviceHardErr or Physical device hard error	251	MINOR	Hard error occurred at physical device %d on channel %d at disk array adapter in slot %d (Server %s).	
mylexPhysicalDeviceSoftErro r Physical device soft error	252	MINOR	Soft error occurred at physical device %d on channel %d at disk array adapter in slot %d (Server %s).	
mylexPhysicalDeviceParityEr ror Physical device parity error	253	MINOR	Parity error occurred at physical device %d on channel %d at disk array adapter in slot %d (Server %s).	
mylexPhysicalDeviceMiscErr or Physical device miscellaneous error	254	MINOR	Miscellaneous error occurred at physical device %d on channel %d at disk array adapter in slot %d (Server %s).	

table: SNI-MYLEX-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
mylexPhysicalDevicePrefailure Physical device prefailure	255	MAJOR	Prefailure alert from physical device %d on channel %d at disk array adapter in slot %d (Server %s). Device will fail in near future!	
mylexPhysicalDeviceUnconfigured Physical device unconfigured	256	MAJOR	Physical device %d on channel %d at disk array adapter in slot %d is unconfigured (Server %s).	
mylexPhysicalDeviceAdded Physical device added	257	MAJOR	Physical device %d on channel %d at disk array adapter in slot %d was added (Server %s).	
mylexPhysicalDeviceRemoved Physical device removed	258	MAJOR	Physical device %d on channel %d at disk array adapter in slot %d was removed (Server %s).	
mylexWriteBackError2 Write back error	260	MAJOR	Controller cache write back error at disk array adapter in slot %d (Server %s).	
mylexGamDriverMissing Missing GAM driver	261	MINOR	GAM driver is either not installed or has failed to start; required version: %s (server %s).	
mylexGamDriverIncorrectVersion Incorrect GAM driver version	262	MINOR	Incorrect version of GAM driver installed (%s); required version: %s (server %s).	
mylexSMARTFailurePredicted SMART predicted disk failure	270	CRITICAL	SMART predicts failure for disk %d on channel %d at disk array adapter in slot %d (Server %s).	
mylexSMARTConfigurationChanged SMART configuration changed	271	INFORMATIONAL	SMART configuration has been changed for disk %d on channel %d at disk array adapter in slot %d (Server %s).	
mylexBBUFound BBU found	275	INFORMATIONAL	A Battery Backup Unit was found on SCSI controller in slot %d (Server %s).	
mylexBBUPowerLow BBU power low	276	CRITICAL	The Battery Backup Unit power on SCSI controller in slot %d is low (Server %s). If this messages happens without power failure, replace the BBU.	
mylexBBUPowerOK BBU power OK	277	INFORMATIONAL	The Battery Backup Unit power on SCSI controller in slot %d is OK (Server %s).	

B.3   SNI-SERVER-CONTROL-MIB (sc.mib)

Traps from the ServerView agent or RSB.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
testTrap Test trap	600	INFORMAT IONAL	Test trap from server %s (no error).	No error.
fanError Fan failed	601	CRITICAL	Fan %d failed in cabinet %d of server %s.	A fan error occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
tempOk Temperature normal	602	INFORMAT IONAL	Temperature at sensor %d in cabinet %d of server %s is within normal range.	The internal temperature of the server is within the normal range. No error.
tempWarn Temperature warning	603	MAJOR	Temperature at sensor %d in cabinet %d of server %s has reached the warning level.	A device temperature error occurred. Check the room temperature. If room temperature is normal check whether the fan has failed. Other errors in hardware are possible. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
tempCritical Temperature critical	604	CRITICAL	Temperature at sensor %d in cabinet %d of server %s has reached the critical level.	
trapOnBattery AC failed, on battery	606	CRITICAL	AC failure. Cabinet %d is running on battery power since %d seconds. In %d minutes server %s will shutdown.	Running on UPS battery power. Check that UPS power cables are not unplugged and there has been no power interruption.
trapOnMains AC OK	607	INFORMAT IONAL	Mains returned after power failure in cabinet %d at server %s.	Stopped running on the UPS battery.
selftestWarning Controller selftest warning	608	MINOR	The Server Management controller in cabinet %d has detected an minor problem during selftest of server %s.	No problem. If multiple messages are detected, it is possible that the Server Management controller has failed.
selftestError Controller selftest error	609	CRITICAL	The Server Management controller in cabinet %d of server %s failed.	Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
svCommunicationFailure Communication lost	610	MINOR	Communication with the Server Management controller in cabinet %d of server %s lost.	If recovered in event ID:10636 there is no problem. If not restored, refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
scbUnconfiguredUPSDetected UPS not configured	611	INFORMATIONAL	UPS detected by server %s, but no UPS is configured.	It is possible that there is an error in the settings. Recheck the settings. If there is no error in the settings it is possible that a UPS error occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
scbUPSNotdetected UPS not detected	612	MAJOR	A UPS is configured but no UPS detected by server %s.	
scbUnconfiguredBBUDetected BBU not configured	613	INFORMATIONAL	BBU detected by server %s, but no BBU is configured.	
scbBBUNotdetected BBU not detected	614	INFORMATIONAL	A BBU is configured but no BBU is detected by server %s.	
notEnoughCabinets SE's missing	615	MAJOR	The actual number of storage extensions at server %s is lower than the configured.	There is an error in the configuration of the external memory device. Recheck this.
tooManyCabinets Too many SE's	616	MINOR	The actual number of storage extensions at server %s is higher than the configured.	
cabinetSwitchedOff Cabinet switched off	617	INFORMATIONAL	Cabinet %d was switched off because of %s (server %s).	Server%s has turned off.
cabinetSwitchedOn Cabinet switched on	618	INFORMATIONAL	Cabinet %d was switched on because of %s (server %s).	Server%s has turned on.
internalError Internal error	620	INFORMATIONAL	Internal error #%d in server management controller software. (module %s at server %s).	This is a software error. Specify the name of the module and, refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
serverShutdown Server shutdown	621	INFORMATIONAL	The reason %s causes a shutdown at server %s.	Shutdown at the server is performed by ordering shutdown.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
fanCriticalError Fan will fail	622	MAJOR	Fan %d will fail in near future in cabinet %d of server %s.	This predicts a fan error. A failure will not occur soon. "Contact Information" in "Read me First", and contact your maintenance engineer.
cabinetNotConfigured Cabinet not configured	623	INFORMAT IONAL	Cabinet %d at server %s is not configured. Depending on the system type, run Server Configuration Utility (SCU) or Storage Extension Manager (SEMAN) and configure the cabinet!	The cabinet is not correctly configured. Set again.
powerSupplyRemoved Power supply removed	624	INFORMAT IONAL	Power supply %d in cabinet %d at server %s was removed.	The power supply unit was removed by the operator.
powerSupplyAdded Power supply added	625	INFORMAT IONAL	Power supply %d in cabinet %d at server %s was added.	The power supply unit was added by the operator.
powerSupplyFailed Power supply failed	626	MAJOR	Power supply %d in cabinet %d at server %s failed.	The PSU has failed. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
powerSupplyOk Power supply OK	627	INFORMAT IONAL	Power supply %d in cabinet %d at server %s is working again.	This message appears after the power supply unit has been attached.
powerSupplyStatusCritical Power supply critical	628	CRITICAL	Insufficiant operating power supplies available in cabinet %d at server %s.	Install the power supply unit.
fanOk Fan OK	629	INFORMAT IONAL	Fan %d in cabinet %d of server %s is working again.	This message shows that the fan has returned to normal. This message appears when a fan is replaced.
tempSensorBroken Temperature sensor broken	630	MAJOR	Temperature sensor %d in cabinet %d of server %s is broken or not connected.	Temperature sensor may be faulty. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
serverManagementDisabled Server management disabled	631	INFORMAT IONAL	Server management BIOS on server %s is disabled. Enable it to have full server management functionality!	In order to enable the server management, perform settings using the maintenance tools attached to the hardware.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trapAcFail AC failed	632	CRITICAL	AC failure in cabinet %d of server %s.	This message is stored when performing UPS scheduled operations. There is no problem in this case. When not performing UPS scheduled operations, there is a possibility of a power supply error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
trapDuplicateCabinetId Duplicate cabinet ID	633	MAJOR	Two or more cabinets have the same ID %d on server %s.	There is an error in the system configuration. Set the configuration again.
trapEventLog Error in event log	634	MAJOR	An error was recorded on server %s. See server management event / error log (Recovery) for detailed information.	An error occurred during POST. Refer to the information stored in "Action" and "Error buffer" in ServerView.
tempSensorOk Temperature sensor OK	635	INFORMATIONAL	Temperature sensor %d in cabinet %d of server %s is working again.	This message appears when the temperature sensor recovers.
svCommunicationEstablished Communication established	636	INFORMATIONAL	Communication with the Server Management controller in cabinet %d of server %s established again.	This message appears when communication with the Server Management controller has recovered.
correctableMemErrorAddr Correctable memory error	637	INFORMATIONAL	Correctable memory error at address %d in cabinet %d of server %s.	An SBE (memory single bit error) has occurred. There is no effect because of the existence of ECC memory.
uncorrectableMemErrorAddr Uncorrectable memory error	638	CRITICAL	Uncorrectable memory error at address %d in cabinet %d of server %s.	An MBE (memory multibit error) has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
correctableMemErrorBank Correctable memory error #1	639	INFORMATIONAL	Correctable memory error at bank %d in cabinet %d of server %s.	An SBE (memory single bit) has occurred. This error has no effect as ECC memory is being used.
uncorrectableMemErrorBank Uncorrectable memory error #1	640	CRITICAL	Uncorrectable memory error at bank %d in cabinet %d of server %s.	An MBE (memory multibit error) has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
correctableMemErrorModule Correctable memory error #2	641	INFORMATIONAL	Correctable memory error at module %d in cabinet %d of server %s.	An SBE (memory single bit error) has occurred. This error has no effect as ECC memory is being used.
uncorrectableMemErrorModule Uncorrectable memory error #2	642	CRITICAL	Uncorrectable memory error at module %d in cabinet %d of server %s.	An MBE (memory multibit error) has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
correctableMemError Correctable memory error #3	643	INFORMATIONAL	Correctable memory error in cabinet %d of server %s.	An SBE (memory single bit error) has occurred. This error has no effect as ECC memory is being used.
uncorrectableMemError Uncorrectable memory error #3	644	CRITICAL	Uncorrectable memory error in cabinet %d of server %s.	An MBE (memory multibit error) has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
powerOffTimeReached Power off time reached	645	INFORMATIONAL	The power-off time is reached in cabinet %d on server %s! System shutdown in %d minutes.	Shut down is performed due to an order by the ServerView console or a power off scheduled in ServerView.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
frontDoorStatusChanged Front door status changed	646	INFORMATIONAL	The front door status of cabinet %d on server %s has changed.	The door has been opened or closed by the operator.
housingOpenStatusChanged Housing open status changed	647	INFORMATIONAL	The housing open status of cabinet %d on server %s has changed.	The cover of the server has been opened or closed by the operator.
sniScRedundantFanFailed Redundant fan failed	648	MAJOR	The redundant fan %d failed in cabinet %d of server %s. System can become critical if another fan in this group fails.	A redundant fan failure has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScRedundantPowerSupply Failed Redundant power supply failed	649	MAJOR	Redundant power supply %d in cabinet %d at server %s failed. System can become critical if another power supply fails.	A redundant power supply failure has occurred. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScVoltageOk Voltage OK	650	INFORMATIONAL	Power supply voltage %d (%s) in cabinet %d at server %s is within normal range again.	The server voltage has recovered. There is no problem.
sniScVoltageTooLow Voltage too low	651	CRITICAL	Power supply voltage %d (%s) in cabinet %d at server %s is too low.	A problem may have occurred with the power supply unit, AC power supply or the base board etc. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScVoltageTooHigh Voltage too high	652	CRITICAL	Power supply voltage %d (%s) in cabinet %d at server %s is too high.	A problem may have occurred with the power supply unit, AC power supply or the base board etc. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScFanAdded Fan added	653	INFORMATIONAL	The fan %d was added into cabinet %d of server %s.	The fan was added by the operator.
sniScFanRemoved Fan removed	654	INFORMATIONAL	The fan %d was removed from cabinet %d of server %s.	The fan was removed by the operator.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniScShutdownCancelled Shutdown cancelled	655	INFORMAT IONAL	Shutdown at server %s cancelled by the user.	This is an operation.
sniScCpuSpeedChanged CPU speed changed	656	INFORMAT IONAL	CPU speed at server %s changed to %d percent of its maximum speed. The CPU speed can be changed by the server management because of temperature problems.	The speed of the CPU is lowered because of the high temperature of the CPU. Check CPU temperature. A broken fan may be causing the temperature of the CPU to rise.
sieScPowerOn Power on	657	INFORMAT IONAL	The reason %s causes a power on at server %s.	This message appears when the power supply is turned on.
sieScNoBootCpu No boot cpu	658	INFORMAT IONAL	System boot of the server %s failed, because no valid boot cpu available.	Check the system. A CPU error may have occurred.
sieScPostError Post error	659	INFORMAT IONAL	The reason %s causes a power on at server %s.	IF this occurs frequently, refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sieScSetupEntered Setup entered	660	INFORMAT IONAL	The bios setup is entered at server %s.	Setup operations have been performed by the operator.
sieScBootError Boot error	661	INFORMAT IONAL	No bootable operation system found at server %s.	Check the system.
sieScBootWatchdogExpired Boot watchdog expired	662	INFORMAT IONAL	Boot watchdog of server %s expired.	Operations were performed for the amount of retry counters set. Set the retry counters again.
sieScSoftwareWatchdogExpir ed Software watchdog expired	663	INFORMAT IONAL	Software watchdog of server %s expired.	Operations were performed for the amount of retry counters set. Set the retry counters again.
sieScUserAuthenticationFailur e User authentication failure	664	MAJOR	User authentication failure detected at server %s, interface %d, performing protocol %s.	Check the authentication operations.
sieScDiagnosticBoot Diagnostic boot	665	INFORMAT IONAL	Server %s is performing a diagnostic boot.	Diagnostic operations are performed by the operator.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sieScBootRetryCountZero Boot retry counter zero	666	MAJOR	Boot retry counter is zero on server %s. On next critical error shutdown the server will no longer try to reboot. System will run diagnostic system or switch off.	Operations were performed for the amount of retry counters set. Set the retry counters again.
sieScMessageLogFull Message log full	667	MINOR	The System Event Log on server %s in cabinet %d is full. No more messages can be logged. Please clear unneeded log entries as soon as possible!	Clear the unnecessary System Event Log using the maintenance tools attached to the hardware.
memErrorModulePrefailure Memory module prefailure	668	MAJOR	Memory module failure is predicted for module %d in cabinet %d of server %s.	This predicts a memory error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
memErrorModuleFailing Memory module failing	669	MAJOR	Memory module %d in cabinet %d of server %s is failing. Too many errors have occured.	Warning predicting a memory error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
memErrorModuleReplaced Memory module replaced	670	MAJOR	Memory module module %d in cabinet %d of server %s had failed and was replaced by a hot-spare module.	Memory error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScPowerSupplyRedundancyLost Power supply redundancy lost	671	MINOR	Power supply redundancy in cabinet %d at server %s lost. System will become critical if a power supply fails.	Power supply unit error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sieScMessageLogWarning Message log warning	672	MINOR	The System Event Log for cabinet %d at server %s has exceeded %d%% of its capacity.	This predicts a System Event Log. Clear the unnecessary System Event Log using the maintenance tools attached to the hardware.

table: SNI-SERVER-CONTROL-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sieScCpuPrefailure CPU prefailure	673	MAJOR	CPU failure is predicted for CPU %d in cabinet %d of server %s.	Warning predicting a CPU error. Contact your nearest maintenance engineer.
sieScPowerFail Power failed	674	CRITICAL	DC power failure in cabinet %d of server %s.	Power supply unit error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sieScBiosSelftestError Critical BIOS selftest error	675	CRITICAL	A critical error happend while BIOS selftest in cabinet %d of server %s.See server management message log (recovery log) for detailed information.	An error has been detected during BIOS selftest. For details refer to SEL and, refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sieScBiosSelftestWatchdogExpired BIOS selftest watchdog expired	676	MAJOR	BIOS selftest watchdog of server %s expired.	An error has been detected during BIOS selftest. For details refer to SEL and, refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScVoltageFailure Voltage out of range	677	CRITICAL	Power supply voltage %d (%s) in cabinet %d at server %s is out of range.	Power supply unit error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniScBatteryVoltagePrefailure Battery failure predicted	678	MAJOR	Battery voltage %d (%s) in cabinet %d at server %s: Battery is predicted to fail in near future.	This predicts a power supply unit error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.

B.4   SNI-SERVERVIEW-MIB (serverview.mib)

ServerView console traps.

table: SNI-SERVERVIEW-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniSvGenericTrapForward ServerView alarm received	700	INFORMAT IONAL	The server %s sent the trap <%s> to ServerView application at station %s	Trap sent from the alarm service.
sniSvPagerOff Pager turn off	701	INFORMAT IONAL	Pager number %d should be turned off.	
sniSvServerStateChanged Server changed state	702	INFORMAT IONAL	The server %s has changed its state to %s	
sniSvPassThroughTrapForwar d ServerView alarm passed through	703	INFORMAT IONAL	%s	Trap sent from the alarm service.
sieSvAlarmServiceCommand Alarm Service Command	704	INFORMAT IONAL	Command %d from server %s.	
fscSvServerAdded Server added	705	INFORMAT IONAL	Server %s was added.	
fscSvServerRemoved Server removed	706	INFORMAT IONAL	Server %s was removed.	
fscSvServerChanged Server changed	707	INFORMAT IONAL	Server %s was changed.	
fscSvServerStatusChanged Server status changed	708	INFORMAT IONAL	Server status %s was changed.	
fscSvGroupAdded Group added	709	INFORMAT IONAL	Group (%s, %d) was added.	
fscSvGroupRemoved Group removed	710	INFORMAT IONAL	Group (%s, %d) was removed.	
fscSvGroupChanged Group changed	711	INFORMAT IONAL	Group (%s, %d) was changed.	
fscSvExploreServer Explore server	712	INFORMAT IONAL	Explore server %s.	
fscAsTestMail Alarm Service Test Mail	747	INFORMAT IONAL	The Alarm Service on server %s sends a test mail.	
fscAsTestPager Alarm Service Test Pager	748	INFORMAT IONAL	The Alarm Service on server %s tests a pager.	
fscAsStopTrapListenService Alarm Service Stop Trap Listen Service	749	INFORMAT IONAL	The ServerView Alarm Service Trap Listen Service on server %s stops.	

B.5   SNI-HD-MIB (hd.mib)

Traps from FSC HD SMARTMonitoring.

table: SNI-HD-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniSMARTFailurePredicted SMART predicted disk failure	750	CRITICAL	SMART predicts failure on disk %d (%s), adapter %d (%s), on Server %s.	Warning predicting a disk error. Refer to "Contact Information" in "Read me First", and contact your maintenance engineer.
sniSMARTMonitoringDisabled SMART configuration changed	751	INFORMATIONAL	SMART configuration has been changed on hard disk %d (%s), adapter %d (%s), on Server %s.	This message appears when SMART mode has been changed.

B.6   SNI-NT-CLUSTER-MIB (ntcluster.mib)

The next table shows SNI-NT-CLUSTER-MIB traps.

table: SNI-NT-CLUSTER-MIB Trap (ENTERPRISE : enterprises.231)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniWpChangeUnknown unknown notification type	801	INFORMATIONAL	The cluster has sent the unknown notification 0x%X.	Trap from an unsupported application (ClusterView). Not displayed normally.
sniWpChangeClusterNotFoundActive abnormal cluster status	810	CRITICAL	SNMP cannot access cluster software. Trap sent from server %s.	↑
sniWpChangeClusterActiveAgain normal cluster status	811	INFORMATIONAL	SNMP gained access to the cluster software. Trap sent from server %s.	↑
sniWpChangeClusterNoLongerActive abnormal cluster status	812	CRITICAL	SNMP lost access to the cluster software. Trap sent from server %s.	↑
sniWpChangeNodeDeleted node deleted	830	INFORMATIONAL	The node %s has been deleted.	↑
sniWpChangeNodeAdded node added	831	INFORMATIONAL	The node %s has been added.	↑
sniWpChangeNodeState node state change	832	MAJOR	The node %s has changed its state.	↑
sniWpChangeResourceTypeDeleted resource type deleted	840	INFORMATIONAL	Resource type %s has been deleted.	↑

table: SNI-NT-CLUSTER-MIB Trap (ENTERPRISE : enterprises.231)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniWpChangeResourceTypeAdded resource type created	841	INFORMATIONAL	Resource type %s has been created.	↑
sniWpChangeGroupDeleted group deleted	850	INFORMATIONAL	Group %s has been deleted.	↑
sniWpChangeGroupAdded group created	851	INFORMATIONAL	Group %s has been created.	↑
sniWpChangeGroupState group state change	852	MAJOR	Group %s has changed its state.	↑
sniWpChangeGroupProperty group properties change	853	INFORMATIONAL	The properties of group %s have changed.	↑
sniWpChangeResourceDeleted resource deleted	860	INFORMATIONAL	Resource %s has been deleted.	↑
sniWpChangeResourceAdded resource added	861	INFORMATIONAL	Resource %s has been added.	↑
sniWpChangeResourceState resource state change	862	MAJOR	Resource %s has changed its state.	↑
sniWpChangeResourceProperty resource properties change	863	INFORMATIONAL	The properties of resource %s have changed.	↑
sniWpChangeRegistryAttributes cluster attributes change	895	INFORMATIONAL	The attributes of registry key %s have been changed.	↑
sniWpChangeRegistryKey registry namespace change	896	INFORMATIONAL	Registry key %s has been created or deleted.	↑
sniWpChangeRegistryValue registry value change	897	INFORMATIONAL	A value of registry key %s has been changed.	↑
sniWpChangeNetworkDeleted network deleted	910	INFORMATIONAL	Network %s has been deleted.	↑
sniWpChangeNetworkAdded network created	911	INFORMATIONAL	Network %s has been created.	↑
sniWpChangeNetworkState network state change	912	MAJOR	Network %s has changed its state.	↑
sniWpChangeNetworkProperty network properties change	913	INFORMATIONAL	The properties of Network %s have changed.	↑
sniWpChangeNetInterfaceDeleted network interface deleted	920	INFORMATIONAL	Network interface %s has been deleted.	↑
sniWpChangeNetInterfaceAdded network interface created	921	INFORMATIONAL	Network interface %s has been created.	↑
sniWpChangeNetInterfaceState network interface state change	922	MAJOR	Network interface %s has changed its state.	↑
sniWpChangeNetInterfaceProperty network interface properties change	923	INFORMATIONAL	The properties of network interface %s have changed.	↑
sniWpNodeUp Cluster node online	924	INFORMATIONAL	Cluster node %s is online.	↑

table: SNI-NT-CLUSTER-MIB Trap (ENTERPRISE : enterprises.231)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniWpNodeDown Cluster node offline	925	INFORMAT IONAL	Cluster node %s is offline.	↑
sniWpNodePaused Cluster node paused	926	INFORMAT IONAL	Cluster node %s has been paused.	↑
sniWpNodeJoining Cluster node joining	927	INFORMAT IONAL	Cluster node %s is joining.	↑
sniWpGroupOnline Cluster group online	928	INFORMAT IONAL	Cluster group %s is online.	↑
sniWpGroupPartialOnline Cluster group partially online	929	INFORMAT IONAL	Cluster group %s is partially online.	↑
sniWpGroupPending Cluster group pending	930	INFORMAT IONAL	Cluster group %s is pending.	↑
sniWpGroupOffline Cluster group offline	931	INFORMAT IONAL	Cluster group %s is offline.	↑
sniWpGroupFailed Cluster group failed	932	MAJOR	Cluster group %s has failed.	↑
sniWpResourceOnline Cluster resource online	933	INFORMAT IONAL	Cluster resource %s is online.	↑
sniWpResourceOffline Cluster resource offline	934	INFORMAT IONAL	Cluster resource %s is offline.	↑
sniWpResourceFailed Cluster resource failed	935	MAJOR	Cluster resource %s has failed.	↑
sniWpNetworkUp Network reactivated	936	INFORMAT IONAL	Cluster network %s reactivated.	↑
sniWpNetworkDown Cluster network down	937	INFORMAT IONAL	Cluster network %s down.	↑
sniWpNetworkUnavailable Cluster network unavailable	938	MAJOR	Cluster network %s unavailable.	↑
sniWpNetInterfaceUp Cluster network interface reactivated	939	INFORMAT IONAL	Cluster network interface %s reactivated.	↑
sniWpNetInterfaceFailed Cluster network interface failed	940	MAJOR	Cluster network interface %s has failed.	↑
sniWpNetInterfaceUnreachable Cluster network interface unreachable	941	MAJOR	Cluster network interface %s unreachable.	↑
sniWpNetInterfaceUnavailable Cluster network interface unavailable	942	MAJOR	Cluster network interface %s unavailable.	↑

B.7   PCI-HOTPLUG-MIB (pcihotplug.mib)

Traps from PCI HOTPLUG.

table: PCI-HOTPLUG-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
siePciHotPlugTrapHotRemoval Start of HotPlug action	1000	INFORMAT IONAL	A Hot Removal action is started on physical slot %d (server %s).	Trap from an unsupported application (ClusterView). Not displayed normally.
siePciHotPlugTrapHotReplace Start of HotPlug action	1001	INFORMAT IONAL	A Hot Replace action is started on physical slot %d (Server %s).	↑
siePciHotPlugTrapEndHotPlu gAction End of HotPlug action	1002	INFORMAT IONAL	The HotPlug action on physical slot %d is terminated %s (Server %s). The card state is : %s	↑
sieDeviceHotPlugTrapHotRe moval Device HotPlug action	1020	INFORMAT IONAL	A SCSI device <%s> on SCSI adapter <%s> (PCI Bus Number %d, Device Number %d) has been removed (server %s).	↑
sieDeviceHotPlugTrapHotRep lace Device HotPlug action	1021	INFORMAT IONAL	A SCSI device <%s> on SCSI adapter <%s> (PCI Bus Number %d, Device Number %d) has been replaced (server %s).	↑
sieDeviceHotPlugTrapHotAdd Device HotPlug action	1022	INFORMAT IONAL	A SCSI device <%s> on SCSI adapter <%s> (PCI Bus Number %d, Device Number %d) has been added (server %s).	↑

B.8   SERVERVIEW-STATUS-MIB (status.mib)

Traps from the ServerView status agent.

table: SERVERVIEW-STATUS-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sieStTrapStatusChanged Status changed	1100	INFORMAT IONAL	System status has changed at server %s.	Check the previous and subsequent Traps.

B.9   SIEMENS-MULTIPATH-MIB (mp.mib)

Traps from FSC MultiPath SNMP agent's.

table: SIEMENS-MULTIPATH-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sieMPError MP: Last port failed	1200	CRITICAL	MultiPath group %d on server %s is down.	

table: SIEMENS-MULTIPATH-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sieMPRetry MP: Port failed	1201	MAJOR	Port %d of MultiPath group %d on server %s is down. Error on ID %d, Lun %d.	
sieMPActivePortChanged MP: Port activated	1202	INFORMAT IONAL	Active port for MultiPath group %d changed on server %s. Port %d is now active port.	
sieMPReconfigured MP: Port added/removed	1203	INFORMAT IONAL	MultiPath group %d reconfigured on server %s. Port %d was affected.	
sieMPStatusChanged MP: Behavior changed	1204	INFORMAT IONAL	MultiPath behavior for group %d was changed on server %s.	
sieMPAutoRecovered MP: Port alive again	1205	INFORMAT IONAL	MultiPath group %d on server %s: Port %d recovered from error.	
sieMPErrorCleared MP: Status cleared	1206	INFORMAT IONAL	MultiPath group %d on server %s: Error for MultiPath port %d was cleared.	

B.10 SERVERVIEW-DUPLEXDATAMANAGER-MIB (ddm.mib)

Traps from DuplexDataManage. Refer to the S60 manual for details.

table: SERVERVIEW-DUPLEXDATAMANAGER-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
fscDdmNewConfig DDM: New DuplexWrite configuration	1400	INFORMAT IONAL	Configuration for DuplexWrite group %d/%d/%d/%d was created or updated on server %s.	
fscDdmPieceRemoved DDM: DuplexWrite piece removed	1401	INFORMAT IONAL	DuplexWrite piece %d/%d/%d/%d was removed from group on server %s.	
fscDdmConfigRemoved DDM: DuplexWrite configuration removed	1402	INFORMAT IONAL	DuplexWrite group %d/%d/%d/%d was removed on server %s.	
fscDdmStatusSet DDM: DuplexWrite status changed	1403	MINOR	Status of DuplexWrite piece %d/%d/%d/%d on server %s has changed (user request).	
fscDdmUpdateStatus DDM: DuplexWrite status updated	1404	MINOR	Status of DuplexWrite piece %d/%d/%d/%d on server %s has changed (driver request).	
fscDdmPieceRecovered DDM: DuplexWrite piece recovered	1405	INFORMAT IONAL	DuplexWrite piece %d/%d/%d/%d successfully recovered on server %s.	
fscDdmRecoverAborted DDM: Recover aborted	1406	MINOR	DuplexWrite piece %d/%d/%d/%d aborted Recover process on server %s.	
fscDdmReservationConflict DDM: reservation conflict	1407	INFORMAT IONAL	Reservation conflict occured on DuplexWrite group %d/%d/%d/%d on server %s - group is not accessible.	
fscDdmConfigChanged DDM: DuplexWrite configuration changed	1408	INFORMAT IONAL	DuplexWrite has found a new configuration on server %s.	

table: SERVERVIEW-DUPLEXDATAMANAGER-MIB Trap (ENTERPRISE : enterprises.231.2.10.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
fscDdmConfigInvalidated DDM: DuplexWrite configuration invalidated	1409	INFORMATIONAL	Configuration information was invalidated for DuplexWrite group %d/%d/%d/%d on server %s.	
fscDdmActiveLunChanged DDM: Active DuplexWrite piece changed	1410	INFORMATIONAL	DuplexWrite piece %d/%d/%d/%d is used for read commands on server %s.	
fscDdmPieceFailed DDM: DuplexWrite piece failed	1411	CRITICAL	DuplexWrite piece %d/%d/%d/%d failed on server %s.	
fscDdmRootFlagChanged DDM: RootDisk flag changed	1412	INFORMATIONAL	RootDisk flag changed on DuplexWrite group %d/%d/%d/%d on server %s.	
fscDdmForceActive DDM: DuplexWrite piece forced active	1413	INFORMATIONAL	DuplexWrite piece %d/%d/%d/%d marked forced active on server %s (Snapshot).	
fscDdmNameChanged DDM: DuplexWrite name changed	1414	INFORMATIONAL	Name of DuplexWrite group %d/%d/%d/%d has changed on server %s.	
fscDdmPathFailed DDM: MultiPath path failed	1415	CRITICAL	MultiPath path %d/%d/%d/%d failed on server %s.	
fscDdmRetry DDM: MultiPath path retried	1416	MAJOR	MultiPath path %d/%d/%d/%d failed on server %s - retry successful on other port.	
fscDdmActivePortChanged DDM: Active MultiPath path changed	1417	INFORMATIONAL	MultiPath path %d/%d/%d/%d is active on server %s.	
fscDdmReconfigured DDM: MultiPath reconfigured	1418	INFORMATIONAL	MultiPath configuration changed on server %s.	
fscDdmStatusChanged DDM: MultiPath status changed	1419	INFORMATIONAL	Status of MultiPath path %d/%d/%d/%d has changed on server %s.	
fscDdmAutoRecovered DDM: MultiPath path AutoRecovered	1420	INFORMATIONAL	MultiPath path %d/%d/%d/%d automatically recovered on server %s.	
fscDdmErrorCleared DDM: MultiPath path error cleared	1421	INFORMATIONAL	Error cleared on MultiPath path %d/%d/%d/%d on server %s.	
fscDdmPnPRemove DDM: PnP Removal	1422	INFORMATIONAL	Plug and Play Removal occured on server %s.	
fscDdmPnPNew DDM: PnP Add	1423	INFORMATIONAL	Plug and Play Add occured on server %s.	
fscDdmCluster DDM: Cluster configuration changed	1424	INFORMATIONAL	Cluster configuration changed on server %s.	

B.11   FSC-SERVERCONTROL2-MIB (sc2.mib)

Traps from the ServerView agent.

table: FSC-SERVERCONTROL2-MIB Trap (ENTERPRISE : enterprises.231.2.10.2.2.10.20)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sc2TrapTest Test trap	2000	INFORMAT IONAL	Test trap from server %s (no error).	
sc2TrapCommunicationFailure Communication lost	2001	MINOR	Communication with the Server Management controller in cabinet %d of server %s lost.	
sc2TrapCommunicationEstablished Communication established	2002	INFORMAT IONAL	Communication with the Server Management controller in cabinet %d of server %s established again.	
sc2TrapControllerSelftestWarning Controller selftest warning	2003	MINOR	The Server Management controller in cabinet %d has detected an minor problem during selftest of server %s.	
sc2TrapControllerSelftestError Controller selftest error	2004	CRITICAL	The Server Management controller in cabinet %d of server %s failed.	
sc2TrapBiosSelftestError Critical BIOS selftest error	2005	CRITICAL	A critical error happend while BIOS selftest in cabinet %d of server %s. See server management message log (recovery log) for detailed information.	
sc2TrapFanAdded Fan added	2010	INFORMAT IONAL	Fan %s was added into cabinet %d of server %s.	
sc2TrapFanRemoved Fan removed	2011	INFORMAT IONAL	Fan %s was removed from cabinet %d of server %s.	
sc2TrapFanOk Fan OK	2012	INFORMAT IONAL	Fan %s in cabinet %d of server %s is working again.	
sc2TrapFanCritical Fan failure predicted	2013	MAJOR	Fan %s will fail in near future in cabinet %d of server %s.	
sc2TrapFanFailed Fan failed	2014	CRITICAL	Fan %s failed in cabinet %d of server %s.	
sc2TrapRedundantFanFailed Redundant fan failed	2015	MAJOR	The redundant fan %s failed in cabinet %d of server %s. System can become critical if another fan in this group fails.	
sc2TrapTempOk Temperature normal	2020	INFORMAT IONAL	Temperature at sensor %s in cabinet %d of server %s is within normal range.	
sc2TrapTempWarning Temperature warning	2021	MAJOR	Temperature at sensor %s in cabinet %d of server %s has reached the warning level.	
sc2TrapTempCritical Temperature critical	2022	CRITICAL	Temperature at sensor %s in cabinet %d of server %s has reached the critical level.	
sc2TrapTempSensorOk Temperature sensor OK	2023	INFORMAT IONAL	Temperature sensor %s in cabinet %d of server %s is working again.	
sc2TrapTempSensorBroken Temperature sensor broken	2024	MAJOR	Temperature sensor %s in cabinet %d of server %s is broken or not connected.	
sc2TrapPowerSupplyAdded Power supply added	2030	INFORMAT IONAL	Power supply %s in cabinet %d at server %s was added.	
sc2TrapPowerSupplyRemoved Power supply removed	2031	INFORMAT IONAL	Power supply %s in cabinet %d at server %s was removed.	

table: FSC-SERVERCONTROL2-MIB Trap (ENTERPRISE : enterprises.231.2.10.2.2.10.20)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sc2TrapPowerSupplyOk Power supply OK	2032	INFORMATIONAL	Power supply %s in cabinet %d at server %s is working again.	
sc2TrapPowerSupplyCritical Power supply critical	2033	CRITICAL	Insufficiant operating power supplies available in cabinet %d at server %s.	
sc2TrapPowerSupplyFailed Power supply failed	2034	MAJOR	Power supply %s in cabinet %d at server %s failed.	
sc2TrapRedundantPowerSupplyFailed Redundant power supply failed	2035	MAJOR	Redundant power supply %s in cabinet %d at server %s failed. System can become critical if another power supply fails.	
sc2TrapPowerSupplyRedundancyLost Power supply redundancy lost	2036	MINOR	Power supply redundancy in cabinet %d at server %s lost. System will become critical if a power supply fails.	
sc2TrapAcFail AC failed	2040	CRITICAL	AC failure in cabinet %d of server %s.	
sc2TrapDcFail Power failed	2041	CRITICAL	DC power failure in cabinet %d of server %s.	
sc2TrapOnBattery AC failed, on battery	2042	CRITICAL	AC failure. Cabinet %d is running on battery power since %d seconds. In %d minutes server %s will shutdown.	
sc2TrapOnMains AC OK	2043	INFORMATIONAL	Mains returned after power failure in cabinet %d at server %s.	
sc2TrapVoltageOk Voltage OK	2050	INFORMATIONAL	Power supply voltage %s in cabinet %d at server %s is within normal range again.	
sc2TrapVoltageTooLow Voltage too low	2051	CRITICAL	Power supply voltage %s in cabinet %d at server %s is too low.	
sc2TrapVoltageTooHigh Voltage too high	2052	CRITICAL	Power supply voltage %s in cabinet %d at server %s is too high.	
sc2TrapVoltageFailed Voltage out of range	2053	CRITICAL	Power supply voltage %s in cabinet %d at server %s is out of range¥.	
sc2TrapBatteryVoltagePrefail Battery failure predicted	2054	MAJOR	Battery voltage %s in cabinet %d at server %s: Battery is predicted to fail in near future.	
sc2TrapCorrectableMemErrorAddr Correctable memory error	2060	INFORMATIONAL	Correctable memory error at address %d in cabinet %d of server %s.	
sc2TrapUncorrectableMemErrorAddr Uncorrectable memory error	2061	CRITICAL	Uncorrectable memory error at address %d in cabinet %d of server %s.	
sc2TrapCorrectableMemErrorBank Correctable memory error	2062	INFORMATIONAL	Correctable memory error at bank %s in cabinet %d of server %s.	
sc2TrapUncorrectableMemErrorBank Uncorrectable memory error	2063	CRITICAL	Uncorrectable memory error at bank %s in cabinet %d of server %s.	
sc2TrapCorrectableMemErrorModule Correctable memory error	2064	INFORMATIONAL	Correctable memory error at module %s in cabinet %d of server %s.	
sc2TrapUncorrectableMemErrorModule Uncorrectable memory error	2065	CRITICAL	Uncorrectable memory error at module %s in cabinet %d of server %s.	
sc2TrapCorrectableMemError Correctable memory error	2066	INFORMATIONAL	Correctable memory error in cabinet %d of server %s.	
sc2TrapUncorrectableMemError Uncorrectable memory error	2067	CRITICAL	Uncorrectable memory error in cabinet %d of server %s.	

table: FSC-SERVERCONTROL2-MIB Trap (ENTERPRISE : enterprises.231.2.10.2.2.10.20)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sc2TrapMemErrorModulePrefail Memory module prefailure	2068	MAJOR	Memory module failure is predicted for module %s in cabinet %d of server %s.	
sc2TrapMemErrorModuleFailing Memory module failing	2069	MAJOR	Memory module %s in cabinet %d of server %s is failing. Too many errors have occured.	
sc2TrapMemErrorModuleReplaced Memory module replaced	2070	MAJOR	Memory module module %s in cabinet %d of server %s had failed and was replaced by a hot-spare module	
sc2TrapCpuSpeedChanged CPU speed changed	2080	INFORMATIONAL	CPU speed at server %s changed to %d percent of its maximum speed.	
sc2TrapCpuPrefail CPU prefailure	2081	MAJOR	CPU failure is predicted for CPU %s in cabinet %d of server %s.	
sc2TrapCabinetSwitchedOff Cabinet switched off	2090	INFORMATIONAL	Cabinet %d was switched off because of %s (server %s).	
sc2TrapCabinetSwitchedOn Cabinet switched on	2091	INFORMATIONAL	Cabinet %d was switched on because of %s (server %s).	
sc2TrapPowerOffTimeReached Power off time reached	2092	INFORMATIONAL	The power-off time is reached in cabinet %d on server %s! System shutdown in %d minutes.	
sc2TrapServerShutdown Server shutdown	2093	INFORMATIONAL	The reason %s causes a shutdown at server %s.	
sc2TrapShutdownCancelled Shutdown cancelled	2094	INFORMATIONAL	Shutdown at server %s cancelled by the user.	
sc2TrapBootRetryCountZero Boot retry counter zero	2095	MAJOR	Boot retry counter is zero on server %s.	
sc2TrapMessageLogFull Message log full	2100	MINOR	The System Event Log on server %s in cabinet %d is full. No more messages can be logged! Please clear unneeded log entries as soon as possible!	
sc2TrapMessageLogWarning Message log warning	2101	MINOR	The System Event Log for cabinet %d at server %s has exceeded %d%% of its capacity.	
sc2TrapBootMessageLogEntry Error in message log	2102	MAJOR	An error was recorded on server %s before the management agents were started (boot phase). See server management message log (Recovery log) for detailed information.	
sc2TrapIntrusionAssertion Front door or housing opened	2110	MAJOR	The front door or housing of cabinet %d was opened on server %s.	
sc2TrapIntrusionDeassertion Front door or housing closed	2111	INFORMATIONAL	The front door or housing of cabinet %d was closed on server %s.	
sc2TrapIntrusionChanged Front door or housing opened/closed	2112	MAJOR	The front door or housing of cabinet %d was opened or closed on server %s.	

B.12   BLADE-MIB (S31.mib)

Traps from blade server (BX300/BX600). Refer to the blade server manual for details.

table: BLADE-MIB Trap (ENTERPRISE : enterprises.7244.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
s31TestTrap Test trap	1600	INFORMAT IONAL	Test trap from blade chassis %s (no error).	
s31MgmtBladeAdded Management blade added	1601	INFORMAT IONAL	Management blade %d at blade chassis %s was added.	
s31MgmtBladeRemoved Management blade removed	1602	INFORMAT IONAL	Management blade %d at blade chassis %s was removed.	
s31MgmtBladeOk Status of management blade is OK	1603	INFORMAT IONAL	Management blade %d at blade chassis %s status is ok.	
s31MgmtBladeError Status of management blade is error	1604	MAJOR	Management blade %d at blade chassis %s status is error.	
s31MgmtBladeCriticalError Status of management blade is critical	1605	CRITICAL	Management blade %d at blade chassis %s status is critical.	
s31ServerBladeAdded Server blade added	1606	INFORMAT IONAL	Server blade %d at blade chassis %s was added.	
s31ServerBladeRemoved Server blade removed	1607	INFORMAT IONAL	Server blade %d at blade chassis %s was removed.	
s31ServerBladeOk Status of server blade is OK	1608	INFORMAT IONAL	Server blade %d at blade chassis %s status is OK.	
s31ServerBladeError Status of server blade is error	1609	MAJOR	Server blade %d at blade chassis %s status is error.	
s31ServerBladeCriticalError Status of server blade is critical	1610	CRITICAL	Server blade %d at blade chassis %s status is critical.	
s31SwitchBladeAdded Switch blade added	1611	INFORMAT IONAL	Switch blade %d at blade chassis %s was added.	
s31SwitchBladeRemoved Switch blade removed	1612	INFORMAT IONAL	Switch blade %d at blade chassis %s was removed.	
s31SwitchBladeOk Status of switch blade is OK	1613	INFORMAT IONAL	Switch blade %d at blade chassis %s status is OK.	
s31SwitchBladeError Status of switch blade is error	1614	MAJOR	Switch blade %d at blade chassis %s status is error.	
s31SwitchBladeCriticalError Status of switch blade is critical	1615	CRITICAL	Switch blade %d at blade chassis %s status is critical.	
s31SysFanAdded System fan added	1616	INFORMAT IONAL	System fan %d at blade chassis %s was added.	
s31SysFanRemoved System fan removed	1617	INFORMAT IONAL	System fan %d at blade chassis %s was removed.	
s31SysFanOk Status of system fan is OK	1618	INFORMAT IONAL	System fan %d at blade chassis %s status is OK.	
s31SysFanError Status of system fan is error	1619	MAJOR	System fan %d at blade chassis %s status is error.	
s31SysFanCriticalError Status of system fan is critical	1620	CRITICAL	System fan %d at blade chassis %s status is critical.	

table: BLADE-MIB Trap (ENTERPRISE : enterprises.7244.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
s31SysTempOk Temperature normal	1621	INFORMATIONAL	Temperature at system temperature sensor %d of blade chassis %s is within normal range.	
s31SysTempError Temperature abnormal	1622	MAJOR	Temperature at system temperature sensor %d of blade chassis %s is out of normal range.	
s31SysTempCriticalError Temperature critical	1623	CRITICAL	Temperature at system temperature sensor %d of blade chassis %s has reached the critical level.	
s31SysTempSensorOk System temperature sensor OK	1624	INFORMATIONAL	System temperature sensor %d of blade chassis %s is working again.	
s31SysTempSensorBroken System temperature sensor broken	1625	MAJOR	System temperature sensor %d of blade chassis %s is broken or not connected.	
s31SysPowerSupplyAdded Power supply added	1626	INFORMATIONAL	Power supply unit %d at blade chassis %s was added.	
s31SysPowerSupplyRemoved Power supply removed	1627	INFORMATIONAL	Power supply unit %d at blade chassis %s was removed.	
s31SysPowerSupplyOk Power supply OK	1628	INFORMATIONAL	Power supply unit %d at blade chassis %s is working again.	
s31SysPowerSupplyError Power supply failed	1629	MAJOR	Power supply unit %d at blade chassis %s failed.	
s31SysPowerSupplyCriticalError Power supply critical	1630	CRITICAL	Insufficiant operating power supplies unit available in power supply unit %d at blade chassis %s.	
s31ServerPowerOn Power on	1631	INFORMATIONAL	Server blade %d at blade chassis %s is powered on.	
s31ServerPostError Post error	1632	INFORMATIONAL	Server blade %d at blade chassis %s is posted error.	
s31ServerBootError Boot error	1633	INFORMATIONAL	No bootable operation system found at server blade %d of blade chassis %s.	
s31ServerShutdown Server shutdown	1634	INFORMATIONAL	Server blade %d at blade chassis %s is shutdowned.	
s31ServerSoftwareWatchdogExpired Software watchdog expired	1635	INFORMATIONAL	Software watchdog at server blade %d of blade chassis %s expired.	
s31ServerBootWatchdogExpired Boot watchdog expired	1636	INFORMATIONAL	Boot watchdog at server blade %d of blade chassis %s expired.	
s31UserAuthenticationFailure User authentication failure	1637	MAJOR	User authentication failure detected at blade chassis %s, performing protocol %s.	
s31TrapEventLog Error in event log	1638	MAJOR	An error was recorded on blade chassis %s. See server management event error log (Recovery) for detailed information.	
s31ServerBladeNewAdd Server blade was added on a empty slot	1639	INFORMATIONAL	Server blade %d at blade chassis %s is added on a empty slot.	

table: BLADE-MIB Trap (ENTERPRISE : enterprises.7244.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
s31ServerBladeHotReplace Server blade was added on a marked for hot replacement slot	1640	INFORMATIONAL	Server blade %d at blade chassis %s is added on a marked for hot replacement slot.	
s31ServerPowerOff Power off	1641	INFORMATIONAL	Server blade %d at blade chassis %s is powered off.	
s31SysTempSensorAdded System temperature sensor added	1642	INFORMATIONAL	System temperature sensor %d of blade chassis %s is added.	
s31SysTempSensorRemoved System temperature sensor removed	1643	INFORMATIONAL	System temperature sensor %d of blade chassis %s is removed.	
s31LivetimeError System live time has exceeded the limited count	1644	INFORMATIONAL	Server %s live time has exceeded the limited count.	
s31PowerOverBudget Server blade power on failed	1645	INFORMATIONAL	Server blade %d at blade chassis %s power on failed because of over power budget.	
s31NicDetectionFail Nic detection failed	1646	INFORMATIONAL	Management blade %d at blade chassis %s NIC detection failed.	
s31SysPowerSupplyOvpFail Power supply OVP fail	1647	INFORMATIONAL	Power supply unit %d OVP fail.	
s31SysPowerSupplyOcpFail Power supply OCP fail	1648	INFORMATIONAL	Power supply unit %d OCP fail.	
s31FiberChannelAdded Fiber channel pass through card added	1649	INFORMATIONAL	Fiber channel pass through card %d at blade chassis %s was added.	
s31FiberChannelRemoved Fiber channel pass through card removed	1650	INFORMATIONAL	Fiber channel pass through card %d at blade chassis %s was removed.	
s31SysPowerSupplyOverallStatusOk System power supply overall status	1651	INFORMATIONAL	System power supply overall status = OK	
s31SysPowerSupplyOverallStatusDegraded System power supply overall status	1652	INFORMATIONAL	System power supply overall status = degraded	
s31SysPowerSupplyOverallStatusCritical System power supply overall status	1653	INFORMATIONAL	System power supply overall status = critical	
s31SysFanOverallStatusOk System fan overall status	1654	INFORMATIONAL	System fan overall status = OK	
s31SysFanOverallStatusDegraded System fan overall status	1655	INFORMATIONAL	System fan overall status = degraded	
s31SysFanOverallStatusCritical System fan overall status	1656	INFORMATIONAL	system fan overall status = critical	

table: BLADE-MIB Trap (ENTERPRISE : enterprises.7244.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
s31SysTemperatureOverallSta tusOk System temperature overall status	1657	INFORMAT IONAL	System temperature overall status = OK	
s31SysTemperatureOverallSta tusDegraded System temperature overall status	1658	INFORMAT IONAL	System temperature overall status = degraded	
s31SysTemperatureOverallSta tusCritical System temperature overall status	1659	INFORMAT IONAL	System temperature overall status = critical	

B.13 AdaptecArrayController-MIB (aac.mib)

Traps from blade server (PRIMERGY BX600) HostRAID Adaptec Array Controller. Refer to the blade server manual for details.

table: AdaptecArrayController-MIB Trap (ENTERPRISE : enterprises.795.10.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aacDriveLetterChange A Drive Letter Changed	1	INFORMAT IONAL	A Drive Letter Changed on controller %s for container %d.	
aacFailoverChange A change in failover assignments occurred	2	INFORMAT IONAL	A change in failover assignments occurred on controller %s.	
aacContainerStateChange A container changed its state	3	MINOR	A container changed its state on controller %s. Container : %d.	
aacFileSystemChange A file system change has occurred	4	INFORMAT IONAL	A file system change has occurred on container %d on controller %s.	
aacGeneralContainerFailure An unknown error occurred on container	6	MAJOR	An unknown error occurred on container %d on adapter %s.	
aacMirrorNotMirroring Container no longer mirroring	7	MAJOR	The container %d on controller %s is no longer in the mirroring state.	
aacMirrorFailureNoSpace Not enough failover space for mirror	8	CRITICAL	A failover operation for controller %s container %d failed because there was not enough space available on the failover device.	
aacMirrorFailureNoUnmirror Container could not be unmirrored	9	CRITICAL	The container %d on controller %s could not be unmirrored.	
aacMirrorFailoverStarted Mirror failover started	10	INFORMAT IONAL	A mirror failover operation started on controller %s for container %d.	
aacMirrorFailoverFailed Mirror failover failed	11	CRITICAL	A failover operation on controller %s failed for container %d.	
aacMirrorNoFailoverAssigned No failover for mirror	12	MINOR	There is no failover device assigned to container %d on controller %s.	

table: AdaptecArrayController-MIB Trap (ENTERPRISE : enterprises.795.10.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aacMirrorDriveFailure Mirror drive failure	13	CRITICAL	A drive that was part of the mirror set (container) %d failed. This occurred on controller %d.	
aacRaidRebuildStart Rebuild started	14	INFORMATIONAL	A rebuild operation started on controller %s for container %d.	
aacRaidRebuildRestart Rebuild restarted	15	INFORMATIONAL	A rebuild operation restarted on controller %s for container %d.	
aacRaidDriveFailure RAID Drive Failure	16	CRITICAL	A drive that was part of the RAID set (container) %d failed. This occurred on controller %s.	
aacRaidNoFailover No failover for RAID	17	MINOR	There is no failover device assigned to container %d on controller %s.	
aacRaidNoSpace Not enough failover space for RAID	18	CRITICAL	A failover operation for controller %s container %d failed because there was not enough space available on the failover device.	
aacSnapshotContainerAlmostFull Snapshot almost full	19	MAJOR	The snapshot container %d on controller %s is almost full.	
aacSnapshotContainerFull Snapshot full	20	CRITICAL	The snapshot container %d on controller %s is full.	
aacRaidRebuildComplete Rebuild complete	21	INFORMATIONAL	The rebuild operation on controller %s for container %d has completed.	
aacDeviceFailure Device failure	22	CRITICAL	A device has failed. Controller %s. Bus %d. ID %d LUN %d.	
aacControllerResume Controller resume	23	INFORMATIONAL	The controller %s resumed normal I/O operations.	
aacInterfaceUp Interface up	24	INFORMATIONAL	The AAC management interface is up.	
aacBatteryReconditionRequired Battery reconditioning required	25	MAJOR	The controller %s requires battery reconditioning.	
aacEnclosureGeneralError Enclosure general error	26	MAJOR	An enclosure connected to controller %s has reported an error.	
aacEnclosureFanError Enclosure fan error	27	MAJOR	An enclosure connected to controller %s has reported a fan failure.	
aacEnclosurePowerSupplyError Enclosure power supply error	28	MAJOR	An enclosure connected to controller %s has reported a power supply failure.	
aacEnclosureTempAbnormal Enclosure temperature abnormal	29	MAJOR	An enclosure connected to controller %s has reported an abnormal temperature reading.	
aacEnclosureTempOver Enclosure temperature too high	30	CRITICAL	An enclosure connected to controller %s has reported a temperature reading above the user threshold.	
aacBatteryDead Battery dead	31	CRITICAL	The battery connected to controller %s is dead.	
aacBatteryImproving Battery improving	32	INFORMATIONAL	The battery connected to controller %s is improving.	
aacBatteryDegrading Battery degrading	33	MAJOR	The battery connected to controller %s has lost charge.	
aacBatteryGood Battery good	34	INFORMATIONAL	The controller %s reports that its battery is good.	

table: AdaptecArrayController-MIB Trap (ENTERPRISE : enterprises.795.10.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aacControllerPaused Controller paused	35	MINOR	The controller %s has been paused.	
aacContainerCreated Container created	36	INFORMAT IONAL	Container %d has been created on controller %s.	
aacContainerDeleted Container deleted	37	INFORMAT IONAL	Container %d has been deleted on controller %s.	
aacDeviceFailurePredictionTh resholdExceeded Device failure prediction threshold exceeded	38	MAJOR	A device reported that its Failure Prediction Threshold had been exceeded. Controller %s. Bus %d. ID %d LUN %d.	
aacDeviceFailurePredictionTe st Device failure prediction test	39	INFORMAT IONAL	A Failure Prediction Threshold test occurred. Controller %s. Bus %d. ID %d. LUN %d.	
aacDeviceWarning Device warning	40	MAJOR	A Device issued a warning. Controller %s. Bus %d. ID %d LUN %d.	
aacDeviceTemperatureWarning Device temperature warning	41	MAJOR	A Device issued a abnormal temperature warning. Controller %s. Bus %d. ID %d LUN %d.	
aacDeviceDegradedWarning Device degraded warning	42	MINOR	A device reported that its status is degraded. Controller %s. Bus %d. ID %d LUN %d.	
aacDeviceFailurePredictionCo nfigurationChanged Device failure prediction configuration changed	43	INFORMAT IONAL	The failure prediction configuration changed for a device. Controller %s. Bus %d. ID %d LUN %d.	
aacGlobalHotSpareReplacedS uccess Failover Replaced	44	INFORMAT IONAL	A failover device has been replaced on controller %s.	
aacDedicatedHotSpareReplac edSuccess Failover Replaced	45	INFORMAT IONAL	A failover device has been replaced on container %d, controller %s.	
aacGlobalHotSpareReplacedT ooSmall Failover Replaced	46	WARNING	The failover device that was replaced on controller %s is too small.	
aacDedicatedHotSpareReplac edTooSmall Failover Replaced	47	WARNING	The failover device that was replaced on container %d, controller %s is too small.	
aacDedicatedHotSpareReplac edArrayNotExist Failover Replaced	48	WARNING	The failover device has been replaced on container %d, controller %s. However, container %d does not exist.	
aacBatteryTemperatureWarning Battery Temperature Warning	49	WARNING	The battery connected to controller %s has reported an over temperature warning.	
aacBatteryTemperatureCritical Battery Temperature Critical	50	CRITICAL	The battery connected to controller %s, has reported that it is critically over temperature.	
aacBatteryTemperatureCritical Recover Battery Temperature Critical Recover	51	INFORMAT IONAL	The battery connected to controller %s, has reported that it has recovered from a critical over temperature.	

table: AdaptecArrayController-MIB Trap (ENTERPRISE : enterprises.795.10.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aacBatteryTemperatureNormal Battery Temperature Warning Recover	52	INFORMATIONAL	The battery connected to controller %s, has returned to normal.	
aacContainerMetadataUnknownError Container Metadata Unknown Error	53	CRITICAL	Container %d has experienced an unknown metadata error on controller %s.	
aacContainerMetadataReadError A metadata read error has occurred	54	CRITICAL	A metadata read error has occurred. Controller %s. Bus %d. ID %d LUN %d.	
aacContainerMetadataCRCFailureError Container Metadata CRC Failure Error	55	CRITICAL	A metadata CRC faiure has occurred. Controller %s. Bus %d. ID %d LUN %d.	
aacContainerMiscompareError Container Miscompare Error	56	CRITICAL	Container %d has experienced miscompare error(s) on controller %s.	
aacSCSIBusReset There has been a SCSI bus reset	57	INFORMATIONAL	There has been a SCSI bus reset. Controller %s. Bus %d.	
aacSenseData Sense data event	58	INFORMATIONAL	A sense data event has occurred. Controller %s. Bus %d. ID %d LUN %d. Key %s. ASC %s ASCQ %s.	
aacMediumError There has been a device medium error	59	MAJOR	There has been a device medium error. Controller %s. Bus %d. ID %d LUN %d. Begin LBA %s End LBA %s.	
aacBadBlockRecoveryStarting The bad block recovery has started.	60	INFORMATIONAL	The bad block recovery has started. Controller %s. Bus %d. ID %d LUN %d.	
aacBadBlockRecoveryCompleting The bad block recovery has completed	61	INFORMATIONAL	The bad block recovery has completed. Controller %s. Bus %d. ID %d LUN %d.	
aacInvalidIO An invalid I/O event has occurred	62	MAJOR	An invalid I/O event has occurred. Controller %s. Bus %d. ID %d LUN %d. Expected Bytes %d, Actual Bytes %d.	
aacDisablingChannel Disabling channel event	63	MINOR	A disabling channel event has occurred. Controller %s. Bus %d. Error Code %d	
aacCannotReadyDevice System can not ready the device	64	MAJOR	The system can not ready the device. Controller %s. Bus %d. ID %d LUN %d.	
aacChannelTimeout Channel Timeout	65	MAJOR	A channel timeout has occurred. Controller %s. Bus %d.	
aacSenseDataUnknown Sense data event	66	MAJOR	A sense data event has occurred. Controller %s. Bus %d. ID %d LUN %d. Key %s. ASC %s ASCQ %s.	
aacCommandTimeout A command timeout has occurred	67	MAJOR	A command timeout has occurred. Controller %s. Bus %d. ID %d LUN %d. OpCode %s.	

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aacContainerMediumErrorWarning A medium error was encountered while rebuilding a container	68	WARNING	A medium error was encountered while rebuilding a container on Controller %s. Container %d. Block Number %s.	

B.14 DESKTRAP-MIB (desktrap.mib)

The following table shows the DESKTRAP-MIB traps and their outline.

Traps from DeskView Trap-Agent.

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniTrapError No Text found in DeskMon.ini	1	MINOR	No Text found in DeskMon.ini on %s	Trap from an unsupported application (DeskView). Not displayed normally.
sniSmartOK SMART hard disk reports OK	1001	INFORMATIONAL	SMART hard disk reports OK on %s	↑
sniSmartWarning SMART hard disk reports Warning	1002	MINOR	SMART hard disk reports Warning on %s	↑
sniSmartError SMART hard disk reports Error.	1003	CRITICAL	SMART hard disk reports Error on %s	↑
sniCoverClosed The cover is closed	2001	INFORMATIONAL	The cover is closed on %s	↑
sniCoverOpened The cover has been opened.	2003	CRITICAL	The cover has been opened on %s	↑
sniCoverSensorincorporated The sensor for securing the cover is incorporated.	3001	INFORMATIONAL	The sensor for securing the cover is incorporated on %s	↑
sniCoverSensorMissing The sensor for securing the cover is missing or defective	3003	CRITICAL	The sensor for securing the cover is missing or defective on %s	↑
sniCoverRecognition The cover type cannot be recognized.	4001	INFORMATIONAL	The cover type cannot be recognized on %s	↑
sniCoverRecognitionMissing The sensor for recognizing the cover type is missing or defective.	4003	CRITICAL	The sensor for recognizing the cover type is missing or defective on %s	↑
sniNoShortCurcuit No short circuit in the mouse, keyboard or USB interface.	5001	INFORMATIONAL	No short circuit in the mouse, keyboard or USB interface on %s	↑

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniShortCurcuit Short circuit in the mouse, keyboard or USB interface.	5003	CRITICAL	Short circuit in the mouse, keyboard or USB interface on %s	↑
sniTemperatureOK The temperature sensor is functioning	7001	INFORMAT IONAL	The temperature sensor is functioning on %s	↑
sniTemperatureWarning The temperature is high	7002	MINOR	The temperature is high on %s	↑
sniTemperatureCritical The temperature sensor is defective or the temperature is too high	7003	CRITICAL	The temperature sensor is defective or the temperature is too high on %s	↑
sniFanRunning The fan is running	8001	INFORMAT IONAL	The fan is running on %s	↑
sniFanNotRunning The fan is not running	8003	CRITICAL	The fan is not running on %s	↑
sniFanWornOK The rotational speed of the fan is OK.	9001	INFORMAT IONAL	The rotational speed of the fan is OK on %s	↑
sniFanWornWarning The rotational speed of the fan is almost critical.	9002	MINOR	The rotational speed of the fan is almost critical on %s	↑
sniFanWornCritical The rotational speed of the fan is critical.	9003	CRITICAL	The rotational speed of the fan is critical on %s	↑
sniVoltageOk The voltage monitor is functioning.	11001	INFORMAT IONAL	The voltage monitor is functioning on %s	↑
sniVoltageWarning The voltage is almost critical.	11002	MINOR	The voltage is almost critical on %s	↑
sniVoltageCritical The voltage monitor is not functioning or the voltage is critical.	11003	CRITICAL	The voltage monitor is not functioning or the voltage is critical on %s	↑
sniWatchdogOk The functionality of the operating system watchdog is guaranteed.	12001	INFORMAT IONAL	The functionality of the operating system watchdog is guaranteed on %s	↑
sniWatchdogCritical The operating system watchdog caused too many consecutive system reboots and will be deactivated.	12003	CRITICAL	The operating system watchdog caused too many consecutive system reboots and will be deactivated on %s	↑
sniInternalError Messages for system monitoring got lost because they could not be buffered!. The buffer has overrun or the harddisk was full.	13001	MINOR	Messages for system monitoring got lost because they could not be buffered!. The buffer has overrun or the harddisk was full on %s.	↑
sniBIOSErrorLogOK BIOS error log contains no current entries	14001	INFORMAT IONAL	BIOS error log contains no current entries on %s	↑

table: DESKTRAP-MIB Trap (ENTERPRISE : enterprises.231.2.10.3)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniBIOSErrorLogWarning BIOS reported a non-critical problem	14002	MINOR	BIOS reported a non-critical problem on %s	↑
sniBIOSErrorLogCritical BIOS reported a critical error	14003	CRITICAL	BIOS reported a critical error on %s	↑
sniAOLPOSTCritical Power On Self Test (POST) error.	15003	CRITICAL	Power On Self Test (POST) error on %s	↑
sniAOLWatchdogCritical The operating system may be hung or the computer failed to boot.	16003	CRITICAL	The operating system may be hung or the computer failed to boot on %s	↑
sniAOLCoverOpened The cover was opened.	17003	CRITICAL	The cover was opened on %s	↑
sniAOLCPUMissingCritical The processor was removed from the computer.	18003	CRITICAL	The processor was removed from the computer %s	↑
sniAOLHeartbeatCritical The computer is no longer available. (Presence Heartbeat Expired).	20003	CRITICAL	The computer %s is no longer available. (Presence Heartbeat Expired)	↑
sniFreeDiskSpaceOK Free hard disk space is sufficient.	21001	INFORMATIONAL	Free hard disk space is sufficient on %s.	↑
sniFreeDiskSpaceWarning Free hard disk space is low.	21002	MINOR	Free hard disk space is low on %s.	↑
sniFreeDiskSpaceError Free hard disk space is extremely low.	21003	CRITICAL	Free hard disk space is extremely low on %s.	↑
sniMemoryChangesOK The memory size has not changed.	22001	INFORMATIONAL	The memory size has not changed on %s.	↑
sniMemoryChangesWarning The memory size increased.	22002	MINOR	The memory size increased on %s.	↑
sniMemoryChangesError The memory size decreased.	22003	CRITICAL	The memory size decreased on %s.	↑
sniDeviceChangesOK No changes in devices.	23001	INFORMATIONAL	No changes in devices on %s.	↑
sniDeviceChangesWarning A device was added to the system.	23002	MINOR	A device was added to system %s.	↑
sniDeviceChangesError A device was removed from the system.	23003	CRITICAL	A device was removed from system %s.	↑
sniAOLVoltage_Fan_TemperatureCritical A Voltage/Fan/Temperature is operating out of specification.	24003	CRITICAL	A Voltage/Fan/Temperature is operating out of specification on %s	↑
sniAOLLANLeashCritical The computer was recently reconnected to the network	25003	CRITICAL	The computer was recently reconnected to the network on %s	↑

table: DESKTRAP-MIB Trap (ENTERPRISE : enterprises.231.2.10.3)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniAOLProcessorTemperature Critical The processor temperature is out of specification.	26003	CRITICAL	The processor temperature is out of specification on %s	↑
sniAOLProcessor0MissingCritical The processor P0 was removed from the computer.	28003	CRITICAL	The processor P0 was removed from the computer on %s	↑
sniAOLProcessor1MissingCritical The processor P1 was removed from the computer.	29003	CRITICAL	The processor P1 was removed from the computer on %s	↑
sniAOLVoltage_FanCritical A Voltage/Fan is operating out of specification.	30003	CRITICAL	A Voltage/Fan is operating out of specification on %s	↑
sniAOLVoltageCritical A Voltage is operating out of specification.	31003	CRITICAL	A Voltage is operating out of specification on %s	↑
sniAOLFanCritical A Fan is operating out of specification.	32003	CRITICAL	A Fan is operating out of specification on %s	↑
sniAOLFan_TemperatureCritical A Fan/Temperature is operating out of specification.	33003	CRITICAL	A Fan/Temperature is operating out of specification on %s	↑
sniAOLVoltage_Temperature Critical A Voltage/Temperature is operating out of specification.	34003	CRITICAL	A Voltage/Temperature is operating out of specification on %s	↑
sniAOLNICSMBusSlotCritical NIC with Capelookout has been plugged into a PCI slot without SMBus connection.	35003	CRITICAL	NIC with Capelookout has been plugged into a PCI slot without SMBus connection on %s	↑
sniAOLPresencePongCritical Received a presence pong reply.	36003	CRITICAL	Received a presence pong reply on %s	↑
sniAOLHardwareMonitorCritical Hardware Monitor has detected an external event.	37003	CRITICAL	Hardware Monitor has detected an external event on %s	↑
sniAOL1_5VGTLVoltageCritical +1.5 GTL Voltage is out of specification.	38003	CRITICAL	+1.5 GTL Voltage is out of specification on %s	↑
sniAOLCPUCoreVoltageCritical CPU Core Voltage is out of specification.	39003	CRITICAL	CPU Core Voltage is out of specification on %s	↑
sniAOL3_3VStandbyCritical +3.3V Standby Voltage is out of specification.	40003	CRITICAL	+3.3V Standby Voltage is out of specification on %s	↑

table: DESKTRAP-MIB Trap (ENTERPRISE : enterprises.231.2.10.3)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniAOL5VoltageCritical +5V Voltage is out of specification.	41003	CRITICAL	+5V Voltage is out of specification on %s	↑
sniAOLHardwareMonitorInternalTemperatureCritical Hardware Monitor Internal Temperature is out of specification.	42003	CRITICAL	Hardware Monitor Internal Temperature is out of specification on %s	↑
sniAOLCPUDiodeSensorCritical CPU Diode Sensor is operating out of specification.	43003	CRITICAL	CPU Diode Sensor is operating out of specification on %s	↑
sniAOLCPUFanCritical CPU Fan is operating out of specification.	44003	CRITICAL	CPU Fan is operating out of specification on %s	↑
sniAOLChassisFanCritical Chassis Fan is operating out of specification.	45003	CRITICAL	Chassis Fan is operating out of specification on %s	↑
sniAOL12VoltageCritical +12V is operating out of specification.	46003	CRITICAL	+12V is operating out of specification on %s	↑
sniAOL3_3VoltageCritical +3.3V is operating out of specification.	47003	CRITICAL	+3.3V is operating out of specification on %s	↑
sniAOLCPUDiodeCritical Open/Short has occurred in the CPU Diode Sensor.	48003	CRITICAL	Open/Short has occurred in the CPU Diode Sensor on %s	↑
sniAOL2_5VoltageCritical +2.5V is operating out of specification.	49003	CRITICAL	+2.5V is operating out of specification on %s	↑
sniAOLAmbientTemperatureCritical Ambient temperature is out of specification.	50003	CRITICAL	Ambient temperature is out of specification on %s	↑
sniAOLRemoteTemperatureCritical Remote Temperature is out of specification.	51003	CRITICAL	Remote Temperature is out of specification on %s	↑
sniAOLUndockEventCritical Surprised undock event (no information is available).	52003	CRITICAL	Surprised undock event (no information is available) on %s	↑
sniFreeSystemDiskSpaceOK Free hard disk space on system disk is sufficient.	56001	INFORMATIONAL	Free hard disk space on system disk is sufficient on %s.	↑
sniFreeSystemDiskSpaceWarning Free hard disk space on system disk is low.	56002	MINOR	Free hard disk space on system disk is low on %s.	↑
sniFreeSystemDiskSpaceError Free hard disk space on system disk is extremely low.	56003	CRITICAL	Free hard disk space on system disk is extremely low on %s.	↑

table: DESKTRAP-MIB Trap (ENTERPRISE : enterprises.231.2.10.3)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
sniLeaseExpirationOK The lease contract has not yet expired or no expiration date has been set.	57001	INFORMAT IONAL	The lease contract has not yet expired or no expiration date has been set on %s.	↑
sniLeaseExpirationWarning The lease contract will expire soon.	57002	MINOR	The lease contract will expire soon on %s.	↑
sniLeaseExpirationError The lease contract has expired.	57003	CRITICAL	The lease contract has expired on %s.	↑
sniProcessorChangeOK No processor change determined.	58001	INFORMAT IONAL	No processor change determined on %s.	
sniProcessorChangeWarning A processor has also been installed or replaced.	58002	MINOR	A processor has also been installed or replaced on %s.	
sniProcessorChangeError A processor has been removed.	58003	CRITICAL	A processor has been removed on %s.	

B.15 DPT-SCSI-MIB (dptscsi.mib)

Traps from Adaptec's I2O-based RAID Card. Refer to the RAID controller manual for details.

table: ADAPTECDURALINK-MIB Trap (ENTERPRISE : enterprises.1597)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dptHbaTemperatureVeryHigh Trap Very high temperature on controller	400	CRITICAL	Very high temperature on controller %d	
dptArrayStatusChangeFailedT rap Array failed	401	CRITICAL	Array failed on Controller %d Bus %d ID %d LUN %d.	
dptHbaVoltageChangeTrap 5V Voltage outside range on controller	300	MAJOR	5V Voltage status is now %d on controller %d	
dptHbaTemperatureHighTrap High temperature on controller	301	MINOR	High temperature on controller %d	
dptHbaEccRAMErrorUncorre ctableTrap Controller detected an ECC RAM error that could not be corrected	302	MAJOR	Uncorrectable ECC error found on controller %d	
dptArrayStatusChangeDegrad edTrap Array degraded	303	MAJOR	Array on Controller %d Bus %d ID %d LUN %d running degraded.	
dptDevReqSenseSeriousError Trap Serious: Request sense data received.	304	MAJOR	Serious: Request sense data for controller %d Bus %d ID %d LUN %d.	

table: ADAPTECDURALINK-MIB Trap (ENTERPRISE : enterprises.1597)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dptDevArrayDataInconsistencyTrap Array data inconsistency found.	305	MAJOR	Array Data Inconsistency: Controller %d Bus %d ID %d LUN %d.	
dptHbaErrorTrap controller error found.	306	MAJOR	controller %d reported a non-SCSI related error.	
dptDevFailedTrap Unprotected drive has failed.	307	MAJOR	Drive failure on controller %d Bus %d ID %d LUN %d.	
dptDevSmartFailedTrap SMART failure reported.	308	MAJOR	SMART failure on controller %d Bus %d ID %d LUN %d reported.	
dptHbaAuxVoltageChangeTrap Auxiliary voltage outside range on controller	309	MAJOR	An auxiliary voltage status is now %d on controller %d	
dptHbaVoltageChange2Trap 5V Voltage outside range on controller	310	MAJOR	5V Voltage status is now %s on controller %d	
dptHbaAuxVoltageChange2Trap Auxiliary voltage outside range on controller	311	MAJOR	An auxiliary voltage status is now %s on controller %d	
dptHbaEccRAMErrorCorrectedTrap ECC RAM Error detected and corrected.	200	MINOR	Correctable ECC RAM Error detected on controller %d	
dptDevBlockReassignedTrap Disk block was reassigned	201	MINOR	Block %d reassigned: Controller %d Bus %d ID %d LUN %d	
dptDevReqSenseErrorTrap Warning: request sense data received.	202	MINOR	Warning: Request sense data for controller %d Bus %d ID %d LUN %d.	
dptHbaVoltageNormalTrap Normal 5V voltage on controller	100	INFORMATIONAL	Normal 5V voltage restored on controller %d	
dptHbaTemperatureNormalTrap Normal temperature on controller	101	INFORMATIONAL	Normal temperature restored on controller %d	
dptHbaEccRAMErrorNotFoundTrap ECC RAM Error detected but not found on correction.	102	INFORMATIONAL	ECC RAM Error detected at %d on controller %d, but not found.	
dptDevStatusChangedTrap Device status change	103	INFORMATIONAL	Device status on Controller %d Bus %d ID %d LUN %d : %d.	
dptDevReqSenseTrap Request sense received from controller.	104	INFORMATIONAL	Request sense data for controller %d Bus %d ID %d LUN %d.	
dptArrayChangeTrap Array change.	105	INFORMATIONAL	Array change on controller %d Bus %d ID %d LUN %d.	
dptBatteryChangeTrap Battery status change.	106	INFORMATIONAL	Battery status is now %d on controller %d.	
dptHbaAuxVoltageNormalTrap Normal auxiliary voltage on controller	107	INFORMATIONAL	Normal auxiliary voltage restored on controller %d	

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dptHbaNoSparesTrap No hot spares detected on controller	108	INFORMAT IONAL	No available hot spares were detected during a scan on controller %d	
dptDevStatusChanged2Trap Device status change	109	INFORMAT IONAL	Device status on Controller %d Bus %d ID %d LUN %d : %s.	
dptBatteryChange2Trap Battery status change.	110	INFORMAT IONAL	Battery status is now %s on controller %d.	
dptOtherTrap Controller generated an event	14	INFORMAT IONAL	Controller generated event: %s	

B.16   MYLEXRAID-MIB (Mlxraid.mib)

Traps from the Mylex Disk Array Controller. For message details, refer to the RAID controller (RAID Manager (GAM: Global Array Manager)) manual.

B.17   MYLEXRAID-FJ-MIB   (Mlxraidfj.mib)

Traps from the Mylex Disk Array Controller. For message details, refer to the RAID controller (RAID Manager (GAM: Global Array Manager)) manual.

B.18   FASTTRAK-MIB (promisev1.mib)

Traps from Promise IDE RAID Adapter. Refer to the RAID controller(RAID Manager(FastCheckMonitor)) manual for details.

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpUnknown Unknown - possibly new driver error code	1	INFORMAT IONAL	Unknown	
trpEccError ECC Error on Disk <name> LBA <lba>	2	CRITICAL	ECC Error on Disk	
trpDiskDown Disk Down <disk_name>	3	MAJOR	Disk Set Down by Driver	
trpDiskOffline Disk Offline <disk_name>	4	MAJOR	Disk %d of array %d set offline by driver. Description: %d	
trpDiskPlugin Disk Plugin <disk_name>	5	MINOR	New Disk Plugged In	
trpAryBadSector Array <num> had BadSector at LBA <lba>	6	INFORMAT IONAL	Bad sector encountered	

table: FASTTRAK-MIB Trap (ENTERPRISE : enterprises.7933.2.12)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpRebuildStart Rebuild Started Array <array> disk <disk>	7	INFORMAT IONAL	Rebuild started	
trpSyncStart Synchronization Started, Array <array>	8	INFORMAT IONAL	Synchronization Started	
trpRetryDisk Retry Disk Task, disk <disk> lba <lba>	9	MINOR	Retry Disk Task	
trpArrayOffline Array Offline <array>	10	MAJOR	Array Offline	
trpArrayCritical Array Critical <array>	11	CRITICAL	Array Critical	
trpArrayRebuildComplete Rebuild Completed, Array <array>, disk <disk>	12	INFORMAT IONAL	Rebuild Completed	
trpArraySyncComplete Sync Completed, array <array>	13	INFORMAT IONAL	Synchronization Completed	
trpMediaError Array <array>, disk <disk> has Media Error at LBA <lba>, cmd=<cmd>, status=<status>	14	CRITICAL	Media Error on Disk	
trpReserveSectorError Reserved Sector Error, Disk <disk> lba <lba>	15	MINOR	Reserved Sector Error	
trpRebuildAborted Rebuild Aborted, Array <array>, disk <disk>, percent <percent>	16	CRITICAL	Rebuild Aborted	
trpSyncAborted Synchronization Aborted, array <array>, percent <percent>	17	CRITICAL	Sync. Aborted	
trpECCFixFail ECC Fix Failed	18	CRITICAL	ECC Fix Failed	
trpSyncCompError Sync Compare Error, Array <array>, LBA= <lba>	19	MINOR	Sync. Compare Error	
trpSwapBoxPowerDown Swap Box Power Down, channel <ch>, msl <msl>	20	INFORMAT IONAL	Swap Box Power Down	
trpSwapBoxPowerUp Swap Box Power Up, channel <ch>, msl <msl>	21	INFORMAT IONAL	Swap Box Power Up	
trpSwapBoxBadSwap Swap Box, Bad Swap, channel <ch>, msl <msl>	22	MINOR	Swap Box, Bad Swap	
trpSwapBoxOverTemp Swap Box, Over Temp, channel <ch>, msl <msl>, Temp <fahr>, C <cent>	23	MINOR	Swap Box Over Temp	

table: FASTTRAK-MIB Trap (ENTERPRISE : enterprises.7933.2.12)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpSwapBoxFanStopped Swap Box Fan Stop, channel <ch>, msl <msl>, RPM= <rpm>	24	MINOR	Swap Box Fan Stop	
trpSwapBox12VOutOfRange Swap Box, 12V Out of Range, channel <ch>, msl <msl>, 12V=<volts>	25	MINOR	12V Out of Range	
trpSwapBox5VOutOfRange Swap Box, 5V Out of Range, channel <ch>, msl <msl>, 5V=<volts>	26	MINOR	5V Out of Range	

B.19 PROMISE-UNIFIED-MIB (promiseraid.mib)

Traps from Promise FastTrak SATA RAID Adapter. For message details, refer to the RAID controller (RAID Manager (PAM: Promise Array Management)) manual.

table: PROMISE-UNIFIED-MIB Trap (ENTERPRISE : enterprises.7933.2.12)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpDiskOffline Disk offline	1	CRITICAL	Disk Offline: %s	
trpDiskPlugin New disk plugged in	2	INFORMATIONAL	New Disk Plugged In: %s	
trpDiskMediaError Media error on disk	3	MAJOR	Disk Media Error: %s	
trpDiskSMARTFail SMART error on disk	4	MAJOR	Disk SMART Fail: %s	
trpDiskAccessRetry Disk retry	5	INFORMATIONAL	Retry Disk Access: %s	
trpDiskECCError Disk ECC Error	6	MAJOR	ECC Error on Disk: %s	
trpDiskTimeOut Disk timed out	7	MAJOR	Disk Time Out: %s	
trpDiskBadSector Bad sector on array	8	CRITICAL	Bad sector encountered on array:%s	
trpArrayMediaError Array Media Error	9	CRITICAL	Array has a read/write error: %s	
trpArrayOffline Array offline	10	CRITICAL	Array offline: %s	
trpArrayCritical Array critical	11	MAJOR	Array critical: %s	
trpArrayCreate Array creation	12	INFORMATIONAL	Create array: %s	
trpArrayDelete Array deletion	13	MAJOR	Delete array: %s	
trpArrayRebuildStart Rebuild started	14	INFORMATIONAL	Rebuild started on array: %s	
trpArrayAutoRebuildStart Automatic rebuild started	15	INFORMATIONAL	Automatic Rebuild started on array: %s	
trpArrayRebuildAborted Rebuild aborted on array	16	MAJOR	Rebuild aborted on array: %s	
trpArrayRebuildPaused Rebuild paused on array	17	MAJOR	Rebuild paused on array: %s	
trpArrayRebuildResumed Rebuild resumed on array	18	INFORMATIONAL	Rebuild resumed on array: %s	
trpArrayRebuildCompleted Rebuild successfully completed	19	INFORMATIONAL	Rebuild completed on array: %s	
trpArrayRebuildFailed Rebuild failed	20	INFORMATIONAL	Rebuild failed on array: %s	
trpArraySyncStarted Synchronization started on array	21	INFORMATIONAL	Synchronization started on array: %s	

table: PROMISE-UNIFIED-MIB Trap (ENTERPRISE : enterprises.7933.2.12)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpArraySyncAborted Synchronization aborted on array	22	INFORMAT IONAL	Synchronization aborted on array: %s	
trpArraySyncPaused Synchronization paused on array	23	INFORMAT IONAL	Synchronization paused on array: %s	
trpArraySyncResumed Synchronization resumed on array	24	INFORMAT IONAL	Synchronization resumed on array: %s	
trpArraySyncCompleted Synchronization successfully completed on array	25	INFORMAT IONAL	Synchronization completed on array: %s	
trpArraySyncFailed Synchronization failed on array	26	CRITICAL	Synchronization failed on array: %s	
trpSyncComparisonError Synchronization comparison error on array	27	CRITICAL	Synchronization comparison error on array: %s	
trpSwapBoxOverTemp Temperature is too high for enclosure	28	MAJOR	Swap Box Over Temp on enclosure: %s	
trpSwapBoxFanStop Fan stopped for enclosure	29	MAJOR	Swap Box Fan Stop: %s	
trpSwapBox5VOutOfRange 5V over/under threshold for enclosure	30	MAJOR	5V Out of Range for array: %s	
trpSwapBox12VOutOfRange 12V over/under threshold for enclosure	31	MAJOR	12V Out of Range for array: %s	
trpSwapBoxPowerUp Enclosure power on	32	INFORMAT IONAL	Swap Box Power On: %s	
trpSwapBoxPowerDown Enclosure power off	33	INFORMAT IONAL	Swap Box Power Off: %s	
trpUnknown Unknown - possibly new driver error code	34	INFORMAT IONAL	Unknown	
trpBatteryTempOutOfRange Battery Temperature Out of Range	35	MAJOR	The battery's temperature is out of range	
trpBatteryUnstableTemp Battery Temperature Unstable	36	MAJOR	The battery's temperature is unstable	
trpBatteryVoltOfRange Battery Voltage Out of Range	37	MAJOR	The battery's voltage is out of range	
trpBatteryUnstableVolt Battery Voltage Unstable	38	MAJOR	The battery's voltage is unstable	
trpBatteryCommError Battery Communication Error	39	MAJOR	There is a communication error in the battery	
trpBatteryBecomeNormal Battery Communication Error	40	INFORMAT IONAL	The battery status becomes normal	
trpWriteModeChange Write Mode Change/Toggle	41	INFORMAT IONAL	Write Mode state changed	

table: PROMISE-UNIFIED-MIB Trap (ENTERPRISE : enterprises.7933.2.12)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
trpDiskErrorFix Disk error fixed	42	INFORMAT IONAL	Disk error fixed by entity	
trpMediaPatrolStart Media Patrol	43	INFORMAT IONAL	Media patrol started	
trpMediaPatrolStop Media Patrol	44	INFORMAT IONAL	Media patrol stopped	
trpMediaPatrolAbort Media Patrol	45	CRITICAL	Media patrol aborted	
trpMediaPatrolComplete Media Patrol	46	INFORMAT IONAL	Media patrol completed	
trpMediaPatrolPause Media Patrol	47	INFORMAT IONAL	Media patrol paused	
trpMediaPatrolResume Media Patrol	48	INFORMAT IONAL	Media patrol resumed	

B.20   RAID-Adapter-MIB (megaraid.mib)

Traps from MegaRAID SCSI 320-2. For message details, refer to the RAID controller (RAID Manager (GAM: Global Array Manager)) manual.

table: RAID-Adapter-MIB Trap (ENTERPRISE : enterprises.16.1.1.200)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rtConfigUpdated RAID Trap: Configuration Updated	9001	INFORMAT IONAL	Host Adapter-%d: A New Configuration has been written.	
rtPhysicalDriveStateChange RAID Trap: Physical Drive State Change	9002	INFORMAT IONAL	Adapter-%d, Channel-%d, Target-%d: Drive State Changed from %s to %s.	
rtLogicalDriveStateChange RAID Trap: Logical Drive State Change	9003	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: State Changed from %s to %s.	
rtInitializeStarted RAID Trap: Initialize Started	9004	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Initialization Started.	
rtInitializeCompleted RAID Trap: Initialize Completed	9005	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Initialization Completed Successfully.	
rtInitializeAborted RAID Trap: Initialize Aborted	9006	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Initialization Aborted by User.	
rtInitializeFailed RAID Trap: Initialize Failed	9007	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Initialization Failed.	
rtCheckConsistencyStarted RAID Trap: Check Consistency Started	9008	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Check Consistency Started.	
rtCheckConsistencyCompleted RAID Trap: Check Consistency Completed	9009	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Check Consistency Completed. No Inconsistencies Found.	

table: RAID-Adapter-MIB Trap (ENTERPRISE : enterprises.16.1.1.200)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rtCheckConsistencyAborted RAID Trap: Check Consistency Aborted	9010	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Check Consistency Aborted by User.	
rtConsistencyCorrected RAID Trap: Check Consistency Corrected	9011	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Check Consistency Operation Completed. Inconsistencies have been Cured.	
rtCheckConsistencyFailed RAID Trap: Check Consistency Failed	9012	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Check Consistency Failed.	
rtReconstructionStarted RAID Trap: Reconstruction Started	9013	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Reconstruction Started.	
rtReconstructionCompleted RAID Trap: Reconstruction Completed	9014	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Reconstruction Completed Successfully.	
rtReconstructionFailed RAID Trap: Reconstruction Failed	9015	INFORMAT IONAL	Adapter-%d, Logical Drive-%d: Reconstruction Failed.	
rtPredictiveFailuresExceeded RAID Trap: Physical Drive Failure Prediction Threshold Exceeded	9016	INFORMAT IONAL	Adapter-%d, Channel-%d, Target-%d: Reported Predictive Failure. (Failure Threshold Exceeded) Drive Identification String = %s Sense Key = 0x%x, ASC = 0x%x, ASCQ = 0x%x.	
rtPredictiveFailuresFalse RAID Trap: Physical Drive Predictive Failures [FALSE]	9017	INFORMAT IONAL	Adapter-%d, Channel-%d, Target-%d: Reported Predictive Failure. (Failure Prediction Threshold Exceeded [FALSE]) Drive Identification String = %s Sense Key = 0x%x, ASC = 0x%x, ASCQ = 0x%x.	
rtCheckConditionStatus RAID Trap: Physical Drive Check Conditions	9018	INFORMAT IONAL	Adapter-%d, Channel-%d, Target-%d: Command Completed with Sense_Key-0x%x ASC-0x%x ASCQ-0x%x.	
rtNewDriveInserted RAID Trap: New Drive Inserted	9019	INFORMAT IONAL	Adapter-%d, Channel-%d, Target-%d: New Device Inserted.	
rtBatteryMissing RAID Trap: Battery Missing	9020	INFORMAT IONAL	Adapter-%d: Battery Module is missing.	
rtBatteryVolatageLow RAID Trap: Battery Voltage Low	9021	INFORMAT IONAL	Adapter-%d: Battery Module Voltage is Low.	
rtBatteryTemperatureHigh RAID Trap: Battery Temperature High	9022	INFORMAT IONAL	Adapter-%d: Battery Module Temperature Exceeded Danger Threshold.	

B.21   UPSMAN (Upsman.mib)

Traps from NetpowerView F. Refer to the NetpowerView F manual for details.

table: UPSMAN trap (ENTERPRISE : enterprises.1356)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
communicationLost UPS: Communication failure	1	CRITICAL	Communication with the UPS has been lost.	There is an error in communication between the agent and UPS.
upsOverload UPS: UPS overload	2	CRITICAL	The UPS has sensed a load greater than 100 percent of its rated capacity.	UPS output overload has occurred.
upsTurnedOff UPS: Switching off	3	MAJOR	The UPS is being switched off by a management station.	UPS output is switched off.
communicationEstablished UPS: Communication established	4	INFORMAT IONAL	Communication with the UPS has been established.	Communication between the agent and UPS has been re-established.
powerRestored UPS: power restored	5	INFORMAT IONAL	Normal power has been restored to the UPS.	UPS power voltage has returned to within the specification range.
upsOnBattery UPS: On battery	6	MAJOR	The UPS system has switched to battery backup power.	UPS is running on backup power. This trap will be sent in the one minute period until the UPS has stopped or running on backup power is stopped.
testStarted UPS: Test started	7	INFORMAT IONAL	UPS test has been started.	This signals the start of UPS test.
testCompleted UPS: Test completed	8	INFORMAT IONAL	UPS test has been completed.	This signals the end of UPS test.
upsBatteryLow UPS: Battery Low	9	MAJOR	UPS Battery Low.	The battery capacity is low. Refer to upsBatteryStatus. The repeat value depends on upsConfigIntervalTra pTime.
upsShutdownImminent UPS: Shutdown Imminent	10	INFORMAT IONAL	UPS Shutdown Imminent.	Signals there is one minute to server shutdown.
upsmanStarted UPS: UpsMan service started	11	INFORMAT IONAL	UpsMan service started.	Start service.
upsmanTrapInputBad UPS: Abnormal input condition	12	MAJOR	Abnormal input condition	UPS power voltage is beyond the specification range.
upsmanTrapOutputOverloadR emoved UPS: Overload Removed	13	INFORMAT IONAL	Overload Removed	UPS output overload has removed.

table: UPSMAN trap (ENTERPRISE : enterprises.1356)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
upsmanTrapBatteryBad UPS: Bad battery	14	MAJOR	Bad battery	Battery replacement necessary.
upsmanTrapTempBad UPS: Bad temperature	15	MAJOR	Bad temperature	Temperature is beyond the specification range. It is not necessary to identify the place where the temperature error occurred. For details about the content of temperature errors, refer to upsAlarmTempBadD etail.
upsmanTrapTempBadRemoved UPS: Bad temperatureRemove	16	INFORMAT IONAL	Bad temperatureRemove	Temperature has returned to within the specification range.
upsmanTrapFatalFault UPS: Fatal fault	17	CRITICAL	Fatal fault	UPS fatal fault occurred. This appears when a fatal fault that makes running on backup power impossible has occurred in the UPS.

B.22   UPS-MIB (RFC1628.mib)

Traps from NetpowerView F. Refer to the NetpowerView F manual for details.

table: UPS-MIB Trap (ENTERPRISE : mib2.33.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
upsTrapOnBattery UPS on Battery	1	CRITICAL	The UPS is on battery power since %d seconds	
upsTrapTestCompleted UPS Test Completed	2	INFORMAT IONAL	This trap is sent upon completion of a UPS diagnostic test.	
upsTrapAlarmEntryAdded UPS Alarm Entry Added	3	INFORMAT IONAL	This trap is sent each time an alarm is inserted into to the alarm table. It is sent on the insertion of all alarms except for upsAlarmOnBattery and upsAlarmTestInProgress.	
upsTrapAlarmEntryRemoved UPS Alarm Entry Removed	4	INFORMAT IONAL	This trap is sent each time an alarm is removed from the alarm table. It is sent on the removal of all alarms except for upsAlarmTestInProgress.	

B.23   PowerNet-MIB (powernet.mib)

Traps from APC UPS Web card. Refer to the APC UPS manual for details.

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
communicationLost APC UPS: Communication failure	1	CRITICAL	Communication lost between the agent and the UPS.	
upsOverload APC UPS: UPS overload	2	CRITICAL	The UPS has sensed a load greater than 100 percent of its rated capacity.	
upsDiagnosticsFailed APC UPS: Failed self-test	3	CRITICAL	The UPS has failed its internal self-test.	
upsDischarged APC UPS: batteries are discharged	4	CRITICAL	The UPS batteries are discharged.	
upsOnBattery APC UPS: On battery	5	MAJOR	The UPS is now providing battery backup power.	
smartBoostOn APC UPS: SmartBoost	6	MINOR	The UPS has enabled SmartBoost.	
lowBattery APC UPS: Low battery	7	CRITICAL	The UPS system's batteries are low and will soon be exhausted.	
communicationEstablished APC UPS: Communication established	8	INFORMAT IONAL	Communication established between the agent and the UPS.	
powerRestored APC UPS: Utility restored	9	INFORMAT IONAL	Normal power has been restored to the UPS.	
upsDiagnosticsPassed APC UPS: Passed self-test	10	INFORMAT IONAL	The UPS has passed its internal self-test.	
returnFromLowBattery APC UPS: Battery normal	11	INFORMAT IONAL	The UPS has returned from a low battery condition.	
upsTurnedOff APC UPS: Switching off	12	MAJOR	The UPS is being switched off by a management station.	
upsSleeping APC UPS: Going to sleep	13	MAJOR	The UPS is going into sleep mode.	
upsWokeUp APC UPS: Wake up	14	INFORMAT IONAL	The UPS has returned from sleep mode.	
upsRebootStarted APC UPS: Starting reboot	15	MAJOR	The UPS has started its reboot sequence.	
upsDipSwitchChanged APC UPS: DIP switch altered	16	MINOR	The DIP switch settings on the UPS have been changed.	
upsBatteryNeedsReplacement APC UPS: UPS batteries needs replacement	17	CRITICAL	The UPS batteries require immediate replacement.	
contactFault APC M-UPS: Contact fault	18	CRITICAL	A Measure-UPS contact closure has faulted.	
contactFaultResolved APC M-UPS: Contact normal	19	INFORMAT IONAL	A Measure-UPS contact closure has returned to it's default state.	
hardwareFailureBypass APC UPS: On bypass due to internal fault	20	CRITICAL	The UPS is on bypass due to an internal fault.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
softwareBypass APC UPS: On bypass by user via software or panel	21	MINOR	UPS put on bypass by user via software or front UPS panel.	
switchedBypass APC UPS: On bypass initiated by user	22	MINOR	UPS put on bypass by user.	
returnFromBypass APC UPS: UPS has returned from bypass	23	INFORMAT IONAL	The UPS has returned from bypass mode.	
bypassPowerSupplyFailure APC UPS: Base module bypass power supply needs repair	24	CRITICAL	The base module bypass power supply needs repair.	
baseFanFailure APC UPS: Base module fan needs repair	25	CRITICAL	The base module fan needs repair.	
batteryPackCommLost APC UPS: Communication lost with battery packs	26	MINOR	Communication lost with external battery packs, check battery signal cable.	
batteryPackCommEstablished APC UPS: Communication established with battery packs	27	INFORMAT IONAL	Communication established with external battery packs.	
calibrationStart APC UPS: Calibration initiated	28	INFORMAT IONAL	A battery run time calibration test has been initiated.	
restartAgent APC SNMP Agent: Agent restarting	29	INFORMAT IONAL	Agent restarting as commanded by manager.	
upsTurnedOn APC UPS: A UPS is turned on.	30	INFORMAT IONAL	A UPS is turned on.	
smartAvrReducing APC UPS: Smart-AVR reducing	31	MINOR	The UPS has enabled Smart-AVR voltage reduction.	
codeAuthenticationDone APC CODE: Authentication on agent code image is done.	32	INFORMAT IONAL	Authentication on agent code image is done.	
upsOverloadCleared APC UPS: Overload cleared.	33	MINOR	The overload condition has been cleared.	
smartBoostOff APC UPS: Smartboost off.	34	MINOR	The UPS has returned from smartboost.	
smartAvrReducingOff APC UPS: Smart-AVR reducing off	35	MINOR	The UPS has returned from Smart-AVR voltage reduction.	
upsBatteryReplaced APC UPS: Bad battery replaced	36	MINOR	The UPS has returned from a bad battery fault.	
calibrationEnd APC UPS: Calibration end	37	MINOR	The UPS has finished calibrating	
dischargeCleared APC UPS: Discharge cleared.	38	MINOR	The UPS discharge condition has been cleared.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
gracefullShutdown APC UPS: A gracefull shutdown has been initiated.	39	MINOR	A gracefull shutdown has been initiated.	
outletOn APC PDU: State change.	41	WARNING	An OUTLET has been turned on	
outletOff APC PDU: State change.	42	WARNING	An OUTLET has turned off.	
outletReboot APC PDU: State change.	43	WARNING	An OUTLET has rebooted.	
configChangeSNMP APC: State change.	44	WARNING	The SNMP configuration has been changed.	
configChangeOutlet APC PDU: State change.	45	WARNING	An outlet configuration has been changed.	
accessViolationConsole APC: Access violation.	46	WARNING	Three unsuccessful logins have been attempted.	
accessViolationHTTP APC: Access violation.	47	WARNING	An unsuccessful attempt to login via HTTP.	
passwordChange APC: Password change.	48	WARNING	Someone has changed the password on the PDU.	
badVoltage APC UPS: Bad output voltage.	49	WARNING	The output voltage is not within acceptable range.	
badVoltageCleared APC UPS: The bad voltage output condition has been cleared.	50	INFORMAT IONAL	The output voltage has returned to an acceptable level.	
chargerFailure APC UPS: The battery charger has failed.	51	WARNING	The battery charger has failed.	
chargerFailureCleared APC UPS: The battery charger failure condition has been cleared.	52	INFORMAT IONAL	The battery charger failure condition has been cleared.	
batteryOverTemperature APC UPS: The battery temperature threshold has been violated.	53	WARNING	The battery temperature threshold has been violated.	
batteryOverTemperatureClear ed APC UPS: The battery over temperature has been cleared.	54	INFORMAT IONAL	The battery over temperature has been cleared.	
smartRelayFault APC UPS: SmartBoost(TM) or SmartTrim(TM) relay fault.	55	WARNING	SmartBoost(TM) or SmartTrim(TM) relay fault.	
smartRelayFaultCleared APC UPS: SmartBoost(TM) or SmartTrim(TM) relay fault has been cleared.	56	INFORMAT IONAL	SmartBoost(TM) or SmartTrim(TM) relay fault has been cleared.	
humidityThresholdViolation1 APC UPS: Probe 1 humidity threshold violated.	57	WARNING	Probe 1 humidity threshold violated.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
humidityThresholdViolationCleared1 APC MEASURE-UPS: A humidity threshold violation has been cleared on probe 1.	58	INFORMATIONAL	A humidity threshold violation has been cleared on probe 1.	
temperatureThresholdViolation1 APC MEASURE-UPS: A temperature threshold has been violated on probe 1.	59	CRITICAL	A temperature threshold has been violated on probe 1.	
temperatureThresholdViolationCleared1 APC MEASURE-UPS: A temperature threshold violation has been cleared on probe 1.	60	MINOR	A temperature threshold violation has been cleared on probe 1.	
humidityThresholdViolation2 APC MEASURE-UPS: A humidity threshold has been violated on probe 2.	61	CRITICAL	A humidity threshold has been violated on probe 2.	
humidityThresholdViolationCleared2 APC MEASURE-UPS: A humiditythreshold violation has been cleared on probe 2.	62	INFORMATIONAL	A humidity threshold violation has been cleared on probe 2.	
temperatureThresholdViolation2 APC MEASURE-UPS: A temperature threshold has been violated on probe 2.	63	CRITICAL	A temperature threshold has been violated on probe 2.	
temperatureThresholdViolationCleared2 APC MEASURE-UPS: A temperature threshold violation has been cleared on probe 2.	64	INFORMATIONAL	A tempreature threshold violation has been cleared on probe 2.	
mupsCommunicationEstablished APC MUPS: Communication established with the Measure-UPS	65	INFORMATIONAL	Communication established between the agent and the MUPS.	
mupsCommunicationLost APC MUPS: MUPS Communication failure	66	CRITICAL	Communication lost between the agent and the MUPS.	
batteryIncrease APC UPS: The number of batteries has increased.	67	INFORMATIONAL	The number of batteries has increased.	
batteryDecrease APC UPS: The number of batteries has decreased.	68	INFORMATIONAL	The number of batteries has decreased.	
powerModuleIncrease APC UPS: The number of power modules has increased.	69	INFORMATIONAL	The number of power modules has increased.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
powerModuleDecrease APC UPS: The number of power modules has decreased.	70	INFORMAT IONAL	The number of power modules has decreased.	
intelligenceModuleInserted APC UPS: An intelligence module has been inserted.	71	INFORMAT IONAL	An intelligence module has been inserted.	
intelligenceModuleRemoved APC UPS: An intelligence module has been removed.	72	INFORMAT IONAL	An intelligence module has been removed.	
rintelligenceModuleInserted APC UPS: A redundant intelligence module has been inserted.	73	INFORMAT IONAL	A redundant intelligence module has been inserted.	
rintelligenceModuleRemoved APC UPS: An redundant intelligence module has been removed.	74	INFORMAT IONAL	An redundant intelligence module has been removed.	
extBatteryFrameIncease APC UPS: An external battery frame has been added.	75	INFORMAT IONAL	An external battery frame has been added.	
extBatteryFrameDecrease APC UPS: An external battery frame has been removed.	76	INFORMAT IONAL	An external battery frame has been removed.	
abnormalCondition APC UPS: An abnormal condition has been detected.	77	MAJOR	An abnormal condition has been detected.	
abnormalConditionCleared APC UPS: An abnormal condition has been cleared.	78	INFORMAT IONAL	An abnormal condition has been cleared.	
deviceStatusChange APC : The status of the device being monitored has changed.	79	INFORMAT IONAL	The status of the device being monitored has changed.	
noBatteries APC UPS: No batteries attached.	80	WARNING	The UPS has no batteries attached.	
noBatteriesCleared APC UPS: The no batteries attached condition has been cleared.	81	INFORMAT IONAL	The UPS's batteries have been attached.	
userAdded APC: A new user has been added.	82	INFORMAT IONAL	A new user has been added.	
userDeleted APC: A user has been deleted.	83	INFORMAT IONAL	A user has been deleted.	
userModified APC: A user has been modified.	84	INFORMAT IONAL	A user has been modified.	
msvmCommunicationEstablis hed APC: Communications with the MasterSwitch VM has been established.	85	INFORMAT IONAL	Communications with the MasterSwitch VM has been established.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
msvmCommunicationLost APC: Communications with the MasterSwitch VM has been lost.	86	INFORMAT IONAL	Communications with the MasterSwitch VM has been lost.	
msvmOverload APC: The MasterSwitch VM is near or at an overload condition.	87	INFORMAT IONAL	The MasterSwitchVM is near or at an overload condition.	
msvmOverloadCleared APC: The overload condition on the MasterSwitch VM has been cleared.	88	INFORMAT IONAL	The overload condition on the MasterSwitch VM has been cleared.	
msvmOutletOn APC: An outlet on the MasterSwitch VM has turned on.	89	INFORMAT IONAL	An outlet on the MasterSwitch VM has turned on.	
msvmOutletOff APC: An outlet on the MasterSwitch VM has turned off.	90	INFORMAT IONAL	An outlet on the MasterSwitch VM has turned off.	
msvmDeviceConfigChange APC: A device configuration change has been made on a MasterSwitch VM.	91	INFORMAT IONAL	A device configuration change has been made on a MasterSwitch VM.	
msvmOutletConfigChange APC: An outlet configuration change has been made on a MasterSwitch VM.	92	INFORMAT IONAL	An outlet configuration change has been made on a MasterSwitch VM.	
msvmLowLoad APC: The MasterSwitch VM has violated the low load threshold.	93	INFORMAT IONAL	The MasterSwitch VM has violated the low load threshold.	
msvmLowLoadCleared APC: The low load condition on the MasterSwitch VM has been cleared.	94	INFORMAT IONAL	The low load condition on the MasterSwitch VM has been cleared.	
msvmNearOverload APC: The MasterSwitch VM is near or at an overload condition.	95	INFORMAT IONAL	The MasterSwitchVM is near or at an overload condition.	
msvmNearOverloadCleared APC: The overload condition on the MasterSwitch VM has been cleared.	96	INFORMAT IONAL	The overload condition on the MasterSwitch VM has been cleared.	
msvmPowerSupplyStatusCha nge APC: The power supply status of the MasterSwitch VM has changed.	97	INFORMAT IONAL	The power supply status of the MasterSwitch VM has changed.	
mspCommunicationEstablished APC: Communications with the MasterSwitch plus has been established.	98	INFORMAT IONAL	Communications with the MasterSwitch plus has been established.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
mspCommunicationLost APC: Communications with the MasterSwitch plus has been lost.	99	INFORMAT IONAL	Communications with the MasterSwitch plus has been lost.	
mspOutletOn APC: An outlet on the MasterSwitch plus has turned on.	100	INFORMAT IONAL	An outlet on the MasterSwitch plus has turned on.	
mspOutletOff APC: An outlet on the MasterSwitch plus has turned off.	101	INFORMAT IONAL	An outlet on the MasterSwitch plus has turned off.	
mspDeviceConfigChange APC: A device configuration change has been made on a MasterSwitch plus.	102	INFORMAT IONAL	A device configuration change has been made on a MasterSwitch plus.	
mspOutletConfigChange APC: An outlet configuration change has been made on a MasterSwitch plus.	103	INFORMAT IONAL	An outlet configuration change has been made on a MasterSwitch plus.	
rsSourceSwitched APC Redundant Switch: The Redundant Switch has switched source.	104	INFORMAT IONAL	The Redundant Switch has switched source.	
rsLostRedundancy APC Redundant Switch: The Redundant Switch has lost redundancy.	105	MAJOR	The Redundant Switch has has lost redundancy.	
rsRedundancyRestored APC Redundant Switch: Redundancy has been restored to the Redundant Switch .	106	INFORMAT IONAL	Redundancy has been restored to the Redundant Switch.	
rsConfigChange APC: A configuration change has been made on a Redundant Switch.	107	INFORMAT IONAL	A configuration change has been made on a Redundant Switch.	
rsCommunicationEstablished APC: Communications with the Redundant Switch has been established.	108	INFORMAT IONAL	Communications with the Redundant Switch has been established.	
rsCommunicationLost APC: Communications with the Redundant Switch has been lost.	109	CRITICAL	Communications with the Redundant Switch has been lost.	
dcCommunicationEstablished APC: Communications with the DC power plant has been established.	110	INFORMAT IONAL	Communications with the DC power plant has been established.	
dcCommunicationLost APC: Communications with the DC power plant has been lost.	111	CRITICAL	Communications with the DC power plant has been lost.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dcActivePINChanged APC: The active PIN on the DC controller has been changed.	112	INFORMAT IONAL	The active PIN on the DC controller has been changed.	
dcMajorAlarm APC: A Major alarm is active in the DC power plant.	113	CRITICAL	A Major alarm is active in the DC power plant.	
dcMajorAlarmCleared APC: A Major alarm is no longer active in the DC power plant.	114	INFORMAT IONAL	A Major alarm is no longer active in the DC power plant.	
dcMinorAlarm APC: A Minor alarm is active in the DC power plant.	115	INFORMAT IONAL	A Minor alarm is active in the DC power plant.	
dcMinorAlarmCleared APC: A Minor alarm is no longer active in the DC power plant.	116	INFORMAT IONAL	A Minor alarm is no longer active in the DC power plant.	
dcOutputRelayOn APC: An output relay has gone on.	117	INFORMAT IONAL	An output relay has gone on in the DC power plant.	
dcOutputRelayOff APC: An output relay has gone off.	118	INFORMAT IONAL	An output relay has gone off in the DC power plant.	
dcInputRelayOn APC: An input relay has gone on.	119	INFORMAT IONAL	An input relay has gone on in the DC power plant.	
dcInputRelayOff APC: An input relay has gone off.	120	INFORMAT IONAL	An input relay has gone off in the DC power plant.	
logicPowerSuppliesIncreased APC UPS: The number of system power supplies has increased.	121	INFORMAT IONAL	The number of system power supplies has increased.	
logicPowerSuppliesDecreased APC UPS: The number of system power supplies has decreased.	122	INFORMAT IONAL	The number of system power supplies has decreased.	
externalSwitchGearClosed APC UPS: External Switch Gear closed.	123	INFORMAT IONAL	External Switch Gear closed.	
externalSwitchGearOpened APC UPS: External Switch Gear opened.	124	INFORMAT IONAL	External Switch Gear opened.	
generalDeviceEvent APC Device event	125	INFORMAT IONAL	APC Device event.	
atsSourceSwitched APC Automatic Transfer Switch: The ATS has switched source	126	INFORMAT IONAL	The Automatic Transfer Switch has switched source.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
atsLostRedundancy APC Automatic Transfer Switch: The ATS has lost redundancy.	127	MAJOR	The Automatic Transfer Switch has has lost redundancy.	
atsRedundancyRestored APC Automatic Transfer Switch: Redundancy has been restored.	128	INFORMATIONAL	Redundancy has been restored to the Automatic Transfer Switch.	
atsConfigChange APC Automatic Transfer Switch: ATS configuration changed.	129	INFORMATIONAL	A configuration change has been made on a Automatic Transfer Switch.	
atsCommunicationEstablished APC Automatic Transfer Switch: Communications established.	130	INFORMATIONAL	Communications with the Automatic Transfer Switch has been established.	
atsCommunicationLost APC Automatic Transfer Switch: Communications lost.	131	MAJOR	Communications with the Automatic Transfer Switch has been lost.	
atsOverCurrent APC Automatic Transfer Switch: Output Current exceeded threshold.	132	MAJOR	Output Current has exceeded Threshold.	
atsOverCurrentCleared APC Automatic Transfer Switch: Output Current below threshold.	133	INFORMATIONAL	Output Current has returned below threshold.	
atsPowerSupplyFailure APC Automatic Transfer Switch: The ATS Power Supply has failed.	134	MAJOR	The Automatic Transfer Switch Power Supply has failed.	
atsPowerSupplyFailureCleared APC Automatic Transfer Switch: Power Supply Failure Cleared.	135	INFORMATIONAL	The Automatic Transfer Switch Power Supply Failure Cleared.	
dcMainsFailAlarm APC: A Mains Fail alarm is active in the DC power plant.	136	WARNING	A Mains Fail alarm is active in the DC power plant.	
dcMainsFailAlarmCleared APC: Mains Fail alarm is no longer active in the DC power plant.	137	INFORMATIONAL	Mains Fail alarm is no longer active in the DC power plant.	
dcFanFailAlarm APC: A Fan Fail alarm is active in the DC power plant.	138	WARNING	A Fan Fail alarm is active in the DC power plant.	
dcFanFailAlarmCleared APC: A Fan Fail alarm is no longer active in the DC power plant.	139	INFORMATIONAL	A Fan Fail alarm is no longer active in the DC power plant.	
dcRectifierOvertempAlarm APC: Rect. Overtemp alarm is active in the power plant.	140	WARNING	Rect. Overtemp alarm is active in the power plant.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dcRectifierOvertempAlarmCleared APC: Rect. Overtmp alarm is no longer active in the power plant.	141	INFORMAT IONAL	Rect. Overtmp alarm is no longer active in the power plant.	
dcCurrentLimitAlarm APC: A Current Limit alarm is active in the power plant.	142	WARNING	A Current Limit alarm is active in the power plant.	
dcCurrentLimitAlarmCleared APC: Current Limit alarm is no longer active in the power plant.	143	INFORMAT IONAL	Current Limit alarm is no longer active in the power plant.	
dcRectifierFailAlarm APC: A Rect. Fail alarm is active in the power plant.	144	WARNING	A Rect. Fail alarm is active in the power plant.	
dcRectifierFailAlarmCleared APC: Rect. Fail alarm is no longer active in the power plant.	145	INFORMAT IONAL	Rect. Fail alarm is no longer active in the power plant.	
dcMultRectFailAlarm APC: Multiple Rect. Fail alarm is active in the power plant.	146	WARNING	Multiple Rect. Fail alarm is active in the powerplant.	
dcMultRectFailAlarmCleared APC: Mult Rect Fail alarm is no longer active in the powerplant.	147	INFORMAT IONAL	Mult Rect Fail alarm is no longer active in the powerplant.	
dcBatteryBreakerAlarm APC: Batt. Breaker alarm is active in the power plant.	148	WARNING	Batt. Breaker alarm is active in the power plant.	
dcBatteryBreakerAlarmCleared APC: Batt. Breaker alarm is no longer active in the power plant.	149	INFORMAT IONAL	Batt. Breaker alarm is no longer active in the power plant.	
dcRectifierOVPAlarm APC: A Rect. OVP alarm is active in the power plant.	150	WARNING	A Rect. OVP alarm is active in the power plant.	
dcRectifierOVPAlarmCleared APC: A Rect. OVP alarm is no longer active in the power plant.	151	INFORMAT IONAL	A Rect. OVP alarm is no longer active in the power plant.	
dcLVDImminentAlarm APC: A LVD Imminent alarm is active in the power plant.	152	WARNING	A LVD Imminent alarm is active in the powerplant.	
dcLVDImminentAlarmCleared APC: A LVD Imminent alarm is no longer active in the power plant.	153	INFORMAT IONAL	A LVD Imminent alarm is no longer active in the powerplant.	
dcFuseCBAlarm APC: A Fuse/CB alarm alarm is active in the DC power plant.	154	WARNING	A Fuse/CB alarm is active in the DC power plant.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
dcFuseCBAlarmCleared APC: A Fuse/CB alarm is no longer active in the DC power plant.	155	INFORMAT IONAL	A Fuse/CB alarm is no longer active in the DC power plant.	
dcBatteryTestFail APC: A Battery Test failed in the DC power plant.	156	WARNING	A Battery Test failed in the DC power plant.	
dcTemperatureAlarm APC: A Temperature alarm is active in the power plant.	157	WARNING	A Temperature alarm is active in the power plant.	
dcTemperatureAlarmCleared APC: A Temperature alarm is no longer active in the power plant.	158	INFORMAT IONAL	A Temperature alarm is no longer active in the power plant.	
dcHumidityAlarm APC: A Humidity alarm is active in the DC power plant.	159	WARNING	A Humidity alarm is active in the DC power plant.	
dcHumidityAlarmCleared APC: A Humidity alarm is no longer active in the DC power plant.	160	INFORMAT IONAL	A Humidity alarm is no longer active in the DC power plant.	
dcBBCommunicationEstablis hed APC: Power plant bridging board communications established.	161	INFORMAT IONAL	Power plant bridging board communications established.	
dcBBCommunicationLost APC: Power plant bridging board communications lost.	162	MAJOR	Power plant bridging board communications lost.	
iemHighTempThresholdViolat ion APC IEM: High temperature threshold violation.	163	MAJOR	High temperature threshold violation.	
iemHighTempThresholdViolat ionCleared APC IEM: High temperature threshold violation cleared.	164	INFORMAT IONAL	High temperature threshold violation has been cleared.	
iemLowTempThresholdViolat ion APC IEM: Low temperature threshold violation.	165	MAJOR	Low temperature threshold violation.	
iemLowTempThresholdViolat ionCleared APC IEM: Low temperature threshold violation cleared.	166	INFORMAT IONAL	Low temperature threshold violation has been cleared.	
iemHighHumidThresholdViol ation APC IEM: High humidity threshold violation.	167	MAJOR	High humidity threshold violation.	
iemHighHumidThresholdViol ationCleared APC IEM: High humidity threshold violation cleared.	168	INFORMAT IONAL	High humidity threshold violation has been cleared.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
iemLowHumidThresholdViolation APC IEM: Low humidity threshold violation.	169	MAJOR	Low humidity threshold violation.	
iemLowHumidThresholdViolationCleared APC IEM: Low humidity threshold violation cleared.	170	INFORMATIONAL	Low humidity threshold violation has been cleared.	
iemProbeDisconnected APC IEM: Probe disconnected.	171	WARNING	Probe has been disconnected.	
iemProbeConnected APC IEM: Probe Connected.	172	INFORMATIONAL	Probe has been connected.	
iemContactFault APC IEM: Contact fault.	173	MAJOR	Contact fault.	
iemContactFaultCleared APC IEM: Contact fault.	174	INFORMATIONAL	Contact fault cleared.	
iemRelayFault APC IEM: Output relay fault.	175	MAJOR	Output relay has faulted.	
iemRelayFaultCleared APC IEM: Output relay fault condition cleared.	176	INFORMATIONAL	Output relay fault cleared.	
bmBatManCommEstab BatMan : Communications Established.	177	INFORMATIONAL	Communications Established.	
bmBatManCommLost BatMan : Communications Lost.	178	MAJOR	Communications Lost.	
bmBatManKneeAlarm BatMan : Knee Alarm Detected.	179	MAJOR	Knee Alarm Detected.	
bmBatManKneeAlarmCleared BatMan : Knee Alarm Cleared.	180	INFORMATIONAL	Knee Alarm Cleared.	
bmBatManChargerAlarm BatMan : Charger Alarm Detected.	181	WARNING	Charger Alarm Detected.	
bmBatManChargerAlarmCleared BatMan : Charger Alarm Cleared.	182	INFORMATIONAL	Charger Alarm Cleared.	
bmBatManBatteryAlarm BatMan : Battery Alarm Detected.	183	WARNING	Battery Alarm Detected.	
bmBatManBatteryAlarmCleared BatMan : Battery Alarm Cleared.	184	INFORMATIONAL	Battery Alarm Cleared.	
bmBatManEnvironmentAlarm BatMan : Environment Alarm Detected.	185	WARNING	Environment Alarm Detected.	

<p style="text-align:center">table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)</p>

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
bmBatManEnvironmentAlarm Cleared BatMan : Environment Alarm Cleared.	186	INFORMAT IONAL	Environment Alarm Cleared.	
bmBatManMaintenanceAlarm BatMan : Maintenance Due Alarm Detected.	187	INFORMAT IONAL	Maintenance Due Alarm Detected.	
bmBatManMaintenanceAlarm Cleared BatMan : Maintenance Due Alarm Cleared.	188	INFORMAT IONAL	Maintenance Due Alarm Cleared.	
pduCommunicationEstablished APC PDU: Communication Established.	189	INFORMAT IONAL	Communication Established.	
pduCommunicationLost APC PDU: Communication Lost.	190	MAJOR	Communication Lost.	
pduUtilityLineUndervoltage APC PDU: Utility Line Undervoltage.	191	MAJOR	Utility Line Undervoltage.	
pduUtilityLineUndervoltageCl eared APC PDU: Utility Line Undervoltage Cleared.	192	INFORMAT IONAL	Utility Line Undervoltage Cleared.	
pduUtilityLineOvervoltage APC PDU: Utility Line Overvoltage.	193	MAJOR	Utility Line Overvoltage.	
pduUtilityLineOvervoltageCle ared APC PDU: Utility Line Overvoltage Cleared.	194	INFORMAT IONAL	Utility Line Overvoltage Cleared.	
pduGroundOvercurrent APC PDU: Ground Overcurrent.	195	MAJOR	Ground Overcurrent.	
pduGroundOvercurrentCleared APC PDU: Ground Overcurrent Cleared.	196	INFORMAT IONAL	Ground Overcurrent Cleared.	
pduCircuitPanelInputUndervo ltage APC PDU: Circuit Panel Input Undervoltage.	197	MAJOR	Circuit Panel Input Undervoltage.	
pduCircuitPanelInputUndervo ltageCleared APC PDU: Circuit Panel Input Undervoltage Cleared.	198	INFORMAT IONAL	Circuit Panel Input Undervoltage Cleared.	
pduCircuitPanelInputOvervolt age APC PDU: Circuit Panel Input Overvoltage.	199	MAJOR	Circuit Panel Input Overvoltage.	
pduCircuitPanelInputOvervolt ageCleared APC PDU: Circuit Panel Input Overvoltage Cleared.	200	INFORMAT IONAL	Circuit Panel Input Overvoltage Cleared.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
pduCircuitPanelInputUndercurrent APC PDU: Circuit Panel Input Undercurrent.	201	MAJOR	Circuit Panel Input Undercurrent.	
pduCircuitPanelInputUndercurrentCleared APC PDU: Circuit Panel Input Undercurrent Cleared.	202	INFORMATIONAL	Circuit Panel Input Undercurrent Cleared.	
pduCircuitPanelInputOvercurrent APC PDU: Circuit Panel Input Overcurrent.	203	MAJOR	Circuit Panel Input Overcurrent.	
pduCircuitPanelInputOvercurrentCleared APC PDU: Circuit Panel Input Overcurrent Cleared.	204	INFORMATIONAL	Circuit Panel Input Overcurrent Cleared.	
pduCircuitPanelFrequencyOutOfRange APC PDU: Circuit Panel Input Frequency Out Of Range.	205	MAJOR	Circuit Panel Input Frequency Out Of Range.	
pduCircuitPanelFrequencyOutofRangeCleared APC PDU: Circuit Panel Input Frequency No Longer Out Of Range.	206	INFORMATIONAL	Circuit Panel Input Frequency No Longer Out Of Range.	
pduCircuitPanelNeutralOvercurrent APC PDU: Circuit Panel Input Neutral Overcurrent.	207	MAJOR	Circuit Panel Input Neutral Overcurrent.	
pduCircuitPanelNeutralOvercurrentCleared APC PDU: Circuit Panel Input Neutral Overcurrent Cleared.	208	INFORMATIONAL	Circuit Panel Input Neutral Overcurrent Cleared.	
pduSystemOff APC PDU: System Off.	209	MAJOR	PDU System Off.	
pduOnBatteryMode APC PDU: On Battery Mode.	210	MAJOR	PDU is in On Battery Mode.	
pduMaintenanceBypassMode APC PDU: Maintenance Bypass Mode.	211	INFORMATIONAL	PDU is in Maintenance Bypass Mode.	
pduAtypicalBypassMode APC PDU: Atypical Bypass Mode.	212	WARNING	PDU is in Atypical Bypass Mode.	
pduNoPanelFeedMode APC PDU: No Panel Feed Mode.	213	MAJOR	PDU is in No Panel Feed Mode.	
pduUpsOperationMode APC PDU: Ups Operation Mode.	214	INFORMATIONAL	PDU is in Ups Operation Mode.	
pduForcedBypassMode APC PDU: Forced Bypass Mode.	215	WARNING	PDU is in Forced Bypass Mode.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
pduInputTransformerOverTemperature APC PDU: Input Transformer Over Temperature.	216	MAJOR	Input Transformer Over Temperature.	
pduInputTransformerOverTemperatureCleared APC PDU: Input Transformer Over Temperature Cleared.	217	INFORMATIONAL	Input Transformer Over Temperature Cleared.	
pduUPSInputVoltageLost APC PDU: UPS Input Voltage phase-N Lost.	218	MAJOR	UPS Input Voltage phase-N Lost.	
pduUPSInputVoltageRestored APC PDU: UPS Input Voltage phase-N Restored.	219	INFORMATIONAL	UPS Input Voltage phase-N Restored.	
pduContactFault APC PDU: Contact Abnormal.	220	MAJOR	Contact Abnormal.	
pduContactFaultCleared APC PDU: Contact Normal.	221	INFORMATIONAL	Contact Normal.	
rmPDUUndercurrent APC RM PDU: Undercurrent.	222	MAJOR	Undercurrent.	
rmPDUUndercurrentCleared APC RM PDU: Undercurrent Cleared.	223	INFORMATIONAL	Undercurrent Cleared.	
rmPDUOvercurrent APC RM PDU: Overcurrent.	224	MAJOR	Overcurrent.	
rmPDUOvercurrentCleared APC RM PDU: Overcurrent Cleared.	225	INFORMATIONAL	Overcurrent Cleared.	
rmPDUOverload APC RM PDU: Overload.	226	MAJOR	Overload.	
rmPDUOverloadCleared APC RM PDU: Overload Cleared.	227	INFORMATIONAL	Overload Cleared.	
rmPDUCommunicationEstablished APC RM PDU: Communication Established.	228	INFORMATIONAL	Communication Established.	
rmPDUCommunicationLost APC RM PDU: Communication Lost.	229	MAJOR	Communication Lost.	
emsCommunicationEstablished APC EMS: Communication Established.	230	INFORMATIONAL	Communication Established.	
emsCommunicationLost APC EMS: Communication Lost.	231	MAJOR	Communication Lost.	
emsProbeConnected APC EMS: Probe Connected.	232	INFORMATIONAL	Probe Connected.	
emsProbeDisconnected APC EMS: Probe Disconnected.	233	MAJOR	Probe Disconnected.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
emsSensorConnected APC EMS: Sensor Connected.	234	INFORMATIONAL	Sensor Connected.	
emsSensorDisconnected APC EMS: Sensor Disconnected.	235	MAJOR	Sensor Disconnected.	
emsSensorFault APC EMS: Sensor Fault.	236	MAJOR	Sensor Fault.	
emsSensorFaultCleared APC EMS: Sensor Fault Cleared.	237	INFORMATIONAL	Sensor Fault Cleared.	
emsBeaconConnected APC EMS: Beacon Connected.	238	INFORMATIONAL	Beacon Connected.	
emsBeaconDisconnected APC EMS: Beacon Disconnected.	239	MAJOR	Beacon Disconnected.	
emsBeaconOn APC EMS: Beacon On.	240	INFORMATIONAL	Beacon On.	
emsBeaconOff APC EMS: Beacon Off.	241	INFORMATIONAL	Beacon Off.	
emsMajorAlarm APC EMS: Major Alarm.	242	MAJOR	Major Alarm.	
emsMajorAlarmCleared APC EMS: Major Alarm Cleared.	243	INFORMATIONAL	Major Alarm Cleared.	
emsMinorAlarm APC EMS: Minor Alarm.	244	MAJOR	Minor Alarm.	
emsMinorAlarmCleared APC EMS: Minor Alarm Cleared.	245	INFORMATIONAL	Minor Alarm Cleared.	
emsOutletStateAbnormal APC EMS: Outlet has changed to its abnormal state.	246	WARNING	Outlet has changed to its abnormal state.	
emsOutletStateNormal APC EMS: Outlet has changed to its normal state.	247	INFORMATIONAL	Outlet has changed to its normal state.	
emsInputContactStateAbnormal APC EMS: Input contact has changed to its abnormal state.	248	WARNING	Input contact has changed to its abnormal state.	
emsInputContactStateNormal APC EMS: Input contact has changed to its normal state.	249	INFORMATIONAL	Input contact has changed to its normal state.	
emsOutputRelayStateAbnormal APC EMS: Output Relay has changed to its abnormal state.	250	WARNING	Output Relay has changed to its abnormal state.	
emsOutputRelayStateNormal APC EMS: Output Relay has changed to its normal state.	251	INFORMATIONAL	Output Relay has changed to its normal state.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
emsDeviceConfigChange APC: A device configuration change on a EMS.	252	INFORMAT IONAL	A device configuration change has been made on a EMS.	
envHighTempThresholdViolati ion APC ENV: High temperature threshold violation.	253	MAJOR	High temperature threshold violation.	
envHighTempThresholdViolat ionCleared APC ENV: High temperature threshold violation cleared.	254	INFORMAT IONAL	High temperature threshold violation cleared.	
envLowTempThresholdViolati on APC ENV: Low temperature threshold violation.	255	MAJOR	Low temperature threshold violation.	
envLowTempThresholdViolati onCleared APC ENV: Low temperature threshold violation cleared.	256	INFORMAT IONAL	Low temperature threshold violation cleared.	
envHighHumidityThresholdVi olation APC ENV: High humidity threshold violation.	257	MAJOR	High humidity threshold violation.	
envHighHumidityThresholdVi olationCleared APC ENV: High humidity threshold violation cleared.	258	INFORMAT IONAL	High humidity threshold violation cleared.	
envLowHumidityThresholdVi olation APC ENV: Low humidity threshold violation.	259	MAJOR	Low humidity threshold violation.	
envLowHumidityThresholdVi olationCleared APC ENV: Low humidity threshold violation cleared.	260	INFORMAT IONAL	Low humidity threshold violation cleared.	
rPDUCommunicationEstablis hed APC Rack PDU: Communication established.	266	INFORMAT IONAL	Communication with a Rack PDU established.	
rPDUCommunicationLost APC Rack PDU: Communication lost.	267	MAJOR	Communication with a Rack PDU has been lost.	
rPDUOutletOn APC Switched Rack PDU: An outlet has turned on.	268	INFORMAT IONAL	An outlet on a Switched Rack PDU has turned on.	
rPDUOutletOff APC Switched Rack PDU: An outlet has turned off.	269	INFORMAT IONAL	An outlet on a Switched Rack PDU has turned off.	
rPDUDeviceConfigChange APC Rack PDU: Device configuration change made.	270	INFORMAT IONAL	Device configuration change has been made on a Rack PDU.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rPDUOutletConfigChange APC Switched Rack PDU: Outlet configuration change made.	271	INFORMAT IONAL	Outlet configuration change has been made on a Switched Rack PDU.	
rPDULowLoad APC Rack PDU: Violation of low load threshold.	272	WARNING	A Rack PDU has violated the low load threshold.	
rPDULowLoadCleared APC Rack PDU: Low load condition cleared.	273	INFORMAT IONAL	The low load condition on a Rack PDU has been cleared.	
rPDUNearOverload APC Rack PDU: Near an overload condition.	274	WARNING	A Rack PDU is near an overload condition.	
rPDUNearOverloadCleared APC Rack PDU: Near overload condition has cleared.	275	INFORMAT IONAL	Rack PDU near overload condition has cleared.	
rPDUOverload APC Rack PDU: Overload condition.	276	MAJOR	A Rack PDU is in an overload condition.	
rPDUOverloadCleared APC Rack PDU: Overload condition has cleared.	277	INFORMAT IONAL	The overload condition on a Rack PDU has cleared.	
rPDUPowerSupply1Fail APC Rack PDU: Power Supply 1 is in FAIL state.	278	MAJOR	Power Supply 1 on Rack PDU is in FAIL state.	
rPDUPowerSupply1Ok APC Rack PDU: Power Supply 1 is operating normally.	279	INFORMAT IONAL	Power Supply 1 on Rack PDU is operating normally.	
rPDUPowerSupply2Fail APC Rack PDU: Power Supply 2 is in FAIL state.	280	MAJOR	Power Supply 2 on Rack PDU is in FAIL state.	
rPDUPowerSupply2Ok APC Rack PDU: Power Supply 2 is operating normally.	281	INFORMAT IONAL	Power Supply 2 on Rack PDU is operating normally.	
rPDUPhaseConfigChange APC Rack PDU: Phase configuration change made.	282	INFORMAT IONAL	Phase configuration change has been made on a Rack PDU.	
rPDUCancelPendingCommand APC Switched Rack PDU: Cancel Pending Command made.	283	INFORMAT IONAL	A Cancel Pending Command has been made on a Switched Rack PDU.	
aruAlinkCommunicationEstab lished APC ARU: Communication Established.	284	INFORMAT IONAL	Communication Established.	
aruAlinkCommunicationLost APC ARU: Communication Lost.	285	MAJOR	Communication Lost.	
aruFanFail APC ARU: Fan Fail.	286	MAJOR	Fan Fail.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
aruFanFailCleared APC ARU: Fan Fail Cleared.	287	INFORMATIONAL	Fan Fail Cleared.	
aruSmokeAlarm APC ARU: Smoke Alarm.	288	MAJOR	Smoke Alarm.	
aruSmokeAlarmCleared APC ARU: Smoke Alarm Cleared.	289	INFORMATIONAL	Smoke Alarm Cleared.	
aruHighTemperatureAlarm APC ARU: High Temperature Alarm.	290	MAJOR	High Temperature Alarm.	
aruHighTemperatureAlarmCleared APC ARU: High Temperature Alarm Cleared.	291	INFORMATIONAL	High Temperature Alarm Cleared.	
aruExhaustTemperatureAlarm APC ARU: Exhaust Temperature Alarm.	292	MAJOR	Exhaust Temperature Alarm.	
aruExhaustTemperatureAlarmCleared APC ARU: Exhaust Temperature Alarm Cleared.	293	INFORMATIONAL	Exhaust Temperature Alarm Cleared.	
envAlinkCommunicationEstablished APC ENV: Communication Established.	294	INFORMATIONAL	Communication Established.	
envAlinkCommunicationLost APC ENV: Communication Lost.	295	MAJOR	Communication Lost.	
emsAlinkPowerOverload APC EMS: Alink Power Overload.	296	MAJOR	Alink Power Overload.	
emsAlinkPowerOverloadCleared APC EMS: Alink Power Overload Cleared.	297	INFORMATIONAL	Alink Power Overload Cleared.	
upsOutletGroupTurnedOn APC UPS: Outlet Group turned on.	298	INFORMATIONAL	Outlet Group turned on	
upsOutletGroupTurnedOff APC UPS: Outlet Group turned off.	299	WARNING	Outlet Group turned off.	
smwCriticalCondition APC Symmetra MW UPS: A critical condition has been detected.	300	MAJOR	A critical condition has been detected.	
smwCriticalConditionCleared APC Symmetra MW UPS: A critical condition has been cleared.	301	INFORMATIONAL	A critical condition has been cleared.	
smwWarningCondition APC Symmetra MW UPS: A warning condition has been detected.	302	WARNING	A warning condition has been detected.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
smwWarningConditionCleared APC Symmetra MW UPS: A warning condition has been cleared.	303	INFORMAT IONAL	A warning condition has been cleared.	
smwInformationalCondition APC Symmetra MW UPS: Informational condition detected.	304	INFORMAT IONAL	An informational condition has been detected.	
smwInformationalConditionCl eared APC Symmetra MW UPS: Informational condition cleared.	305	INFORMAT IONAL	An informational condition has been cleared.	
airCriticalCondition APC Air: A critical condition was detected.	306	MAJOR	A critical condition was detected.	
airCriticalConditionCleared APC Air: A critical condition was cleared.	307	INFORMAT IONAL	A critical condition was cleared.	
airWarningCondition APC Air: A warning condition was detected.	308	WARNING	A warning condition was detected.	
airWarningConditionCleared APC Air: A warning condition was cleared.	309	INFORMAT IONAL	A warning condition was cleared.	
airInformationalCondition APC Air: Informational condition detected.	310	INFORMAT IONAL	An informational condition was detected.	
airInformationalConditionCle ared APC Air: Informational condition was cleared.	311	INFORMAT IONAL	An informational condition was cleared.	
xPDUThreePhaseInputVoltage Alarm APC PDU: Main input voltage out-of-range alarm.	312	MAJOR	Input voltage is out-of-range.	
xPDUThreePhaseInputVoltage Normal APC PDU: Main input voltage back in range.	313	INFORMAT IONAL	Input voltage in range.	
xPDUThreePhaseBypassVolta geAlarm APC PDU: Bypass input voltage out-of-range alarm.	314	MAJOR	Bypass input voltage is out-of-range.	
xPDUThreePhaseBypassVolta geNormal APC PDU: Bypass input voltage back in range.	315	INFORMAT IONAL	Bypass input voltage in range.	
xPDUThreePhaseOutputVolta geAlarm APC PDU: Output voltage out-of-range alarm.	316	MAJOR	Output voltage is out-of-range.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
xPDUThreePhaseOutputVoltageNormal APC PDU: Output voltage back in range.	317	INFORMATIONAL	Output voltage in range.	
xPDUThreePhaseOutputCurrentAlarm APC PDU: Output (load) current out-of-range alarm.	318	MAJOR	Output current is out-of-range.	
xPDUThreePhaseOutputCurrentNormal APC PDU: Output (load) current back in range.	319	INFORMATIONAL	Output current in range.	
xPDUOutputFrequencyAlarm APC PDU: Output frequency out-of-range alarm.	320	MAJOR	Output frequency is out-of-range.	
xPDUOutputFrequencyNormal APC PDU: Output frequency back in range.	321	INFORMATIONAL	Output frequency in range.	
xPDUSystemGroundCurrentAlarm APC PDU: Earth ground current over range alarm.	322	MAJOR	Earth ground current is over limit.	
xPDUSystemGroundCurrentNormal APC PDU: Earth ground current back in range.	323	INFORMATIONAL	Earth ground current in range.	
xPDUInputContactStateAbnormal APC PDU: Input contact has changed to its abnormal state.	324	WARNING	Input contact has changed to its abnormal state.	
xPDUInputContactStateNormal APC PDU: Input contact has changed to its normal state.	325	INFORMATIONAL	Input contact has changed to its normal state.	
xPDUOutputRelayStateAbnormal APC PDU: Output Relay has changed to its abnormal state.	326	WARNING	Output Relay has changed to its abnormal state.	
xPDUOutputRelayStateNormal APC PDU: Output Relay has changed to its normal state.	327	INFORMATIONAL	Output Relay has changed to its normal state.	
xPDUCoolingFanAlarm APC PDU: Cooling fan failure alarm.	328	MAJOR	Cooling fan failure.	
xPDUCoolingFanAlarmCleared APC PDU: Cooling fan alarm cleared.	329	INFORMATIONAL	Cooling fan alarm cleared.	
xPDUTransformerTempAlarm APC PDU: Isolation transformer over temperature alarm.	330	MAJOR	Transformer temp alarm.	

table: PowerNet-MIB Trap (ENTERPRISE : enterprises.318)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
xPDUTransformerTempAlarmCleared APC PDU: Isolation transformer over temperature alarm cleared.	331	INFORMATIONAL	Transformer temp alarm cleared.	
xPDUBranchCurrentAlarm APC PDU: Branch circuit current out-of-range alarm.	332	MAJOR	Branch circuit current is out-of-range.	
xPDUBranchCurrentNormal APC PDU: Branch circuit current back in range.	333	INFORMATIONAL	Branch circuit current in range.	
xPDUBreakerChangeEvent APC PDU: Breaker/switch change event.	334	INFORMATIONAL	Breaker/switch change event.	
xPDUInternalCommError APC PDU: Internal communication error.	335	MAJOR	Internal communication error.	
xPDUInternalCommEstablished APC PDU: Internal Communication established.	336	INFORMATIONAL	Communication established.	
xPDUSystemStateAlarm APC PDU: System state alarm.	337	WARNING	PDU state alarm.	
xPDUSystemStateNormal APC PDU: System state returned to normal.	338	INFORMATIONAL	PDU state normal.	
xPDUEpoTestMode APC PDU: Emergency Power Off (EPO) in test mode.	339	WARNING	EPO disabled.	
xPDUEpoArmed APC PDU: Emergency Power Off (EPO) enabled.	340	INFORMATIONAL	EPO armed.	
xPDUFuseBlownAlarm APC PDU: Check fuse alarm.	341	MAJOR	Fuse detected opened.	
xPDUFuseBlownAlarmCleared APC PDU: Check fuse alarm cleared.	342	INFORMATIONAL	Fuse alarm cleared.	
xPDUBreakerPositionAlarm APC PDU: Breaker position alarm.	343	MAJOR	Breaker position alarm.	
xPDUBreakerPositionAlarmCleared APC PDU: Breaker position alarm cleared.	344	INFORMATIONAL	Breaker alarm cleared.	

B.24 Alert-Definition-Originator-MIB (F5emt2o.mib)

Traps from Fujitsu LDSM. Refer to the LDSM manual for details.

table: Alert-Definition-Originator-MIB Trap (ENTERPRISE : enterprises.211.4.1.4.6)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
ldsmTrap-Monitored LDSM Monitored Event	1	INFORMAT IONAL	LDSM has reported: %s %s %s %s	
ldsmTrap-Informational LDSM Informational Event	2	INFORMAT IONAL	LDSM has reported: %s %s %s %s	
ldsmTrap-Recovered LDSM Recovered Event	4	INFORMAT IONAL	LDSM has reported: %s %s %s %s	
ldsmTrap-NonCritical LDSM NonCritical Event	8	INFORMAT IONAL	LDSM has reported: %s %s %s %s	
ldsmTrap-Critical LDSM Critical Event	16	INFORMAT IONAL	LDSM has reported: %s %s %s %s	
ldsmTrap-NonRecoverable LDSM NonRecoverable Event	32	INFORMAT IONAL	LDSM has reported: %s %s %s %s	

B.25 LDSM-MIB (ldsm.mib)

Traps from Fujitsu LDSM. Refer to the LDSM manual for details.

table: LDSM-MIB Trap (ENTERPRISE : enterprises343.2.5.1.3)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
ldsmOKTrap Intel LANDeskÆ Server Manager has reported a status OK event.	1	INFORMAT IONAL	Intel LANDeskÆ Server Manager has reported: The computer's status is %s.	
ldsmInformationalTrap Intel LANDeskÆ Server Manager has reported a status Informational event.	2	INFORMAT IONAL	Intel LANDeskÆ Server Manager has reported: The computer's status is %s.	
ldsmWarningTrap Intel LANDeskÆ Server Manager has reported a status Warning event.	3	MINOR	Intel LANDeskÆ Server Manager has reported: The computer's status is %s.	
dsmCriticalTrap Intel LANDeskÆ Server Manager has reported a status Critical event.	4	CRITICAL	Intel LANDeskÆ Server Manager has reported: The computer's status is %s.	

B.26 LDCM-MIB (Ldcm.mib)

Traps from Fujitsu LDSM. Refer to the LDSM manual for details.

table: LDCM-MIB Trap (ENTERPRISE : enterprises343.2.5.1.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
ldcmUnknownTrap IntelÆ LANDeskÆ Client Manager has reported an Unknown event.	1	INFORMAT IONAL	Client Manager has reported an event on the computer %s: %s	
ldcmInfoTrap IntelÆ LANDeskÆ Client Manager has reported an Informational event.	2	INFORMAT IONAL	Client Manager has reported an event on the computer %s: %s	
ldcmOkTrap IntelÆ LANDeskÆ Client Manager has reported a severity OK event.	3	INFORMAT IONAL	Client Manager has reported an event on the computer %s: %s	
ldcmWarningTrap IntelÆ LANDeskÆ Client Manager has reported a severity Warning event.	4	MINOR	Client Manager has reported an event on the computer %s: %s	
ldcmCriticalTrap IntelÆ LANDeskÆ Client Manager has reported a severity Critical event.	5	CRITICAL	Client Manager has reported an event on the computer %s: %s	
ldcmFatalTrap IntelÆ LANDeskÆ Client Manager has reported a severity Fatal event.	6	CRITICAL	Client Manager has reported an event on the computer %s: %s	

B.27 FUJITSU-SERVERVISOR-MIB (Servervi.mib)

Traps from Fujitsu Severvisor. Refer to the Servervisor manual for details.

table: FUJITSU-SERVERVISOR-MIB Trap (ENTERPRISE : enterprises.211.4.36.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
svisorTrapType Servervisor Event	32	INFORMAT IONAL	Servervisor has reported: %s	

B.28 RFC1157 (RFC1157.mib)

Traps from RFC1157. Refer to the RFC1157 manual for details.

table: RFC1157(Microsoft) Trap (ENTERPRISE : enterprises.311.1.1.3.1.x)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rfc1157ColdStart Cold start	0	MINOR	Station reinitialized.	SNMP service started.
rfc1157WarmStart Warm start	0	MINOR	Station reinitialized.	SNMP service restarted.
rfc1157LinkDown Link down	0	CRITICAL	Communication link failed at the station %d.	Interface failed.
rfc1157LinkUp Link up	0	MINOR	Communication link restored at the station %d.	Interface restored.
rfc1157AuthenticationFailure Authentication failure	0	MINOR	Unauthorized message received.	An SNMP request packet was received from an unauthorized community.
rfc1157EGPNeighborLost EGP neighbor lost	0	MAJOR	Neighboring station down.	

B.29 ROMPILOT-MIB (ROMPILOT.MIB)

Traps from ROM PILOT (phoenix BIOS).

table: ROMPILOT-MIB Trap (ENTERPRISE : enterprises.2487)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rpWarmResetTrap RomPilot Warm Reset Trap.	257	INFORMAT IONAL	RomPilot machine %s with MAC address %m has performed a warm reset and is running the BIOS POST.	
rpColdResetTrap RomPilot Cold Reset Trap.	258	INFORMAT IONAL	RomPilot machine %s with MAC address %m has performed a cold reset and is running the BIOS POST.	
rpDiagResetTrap RomPilot Diagnostic Reset Trap.	259	MINOR	RomPilot machine %s with MAC address %m has performed a diagnostic reset and is running the BIOS POST.	

table: ROMPILOT-MIB Trap (ENTERPRISE : enterprises.2487)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
rpIDEResetTrap RomPilot IDE disk Reset Trap.	260	MINOR	RomPilot machine %s with MAC address %m has performed an IDE disk reset and is running the BIOS POST.	
rpBootTrap RomPilot OS Boot Trap.	512	INFORMAT IONAL	RomPilot machine %s with MAC address %m is starting to boot its Operating System.	
rpPostFtlErrorTrap RomPilot Fatal POST Error Trap.	769	MAJOR	RomPilot machine %s with MAC address %m has detected a fatal error during BIOS POST.	
rpPostConErrorTrap RomPilot Conditional POST Error Trap.	770	MINOR	RomPilot machine %s with MAC address %m has detected a conditional error during BIOS POST.	
rpPostWarngTrap RomPilot Conditional POST Error Trap.	771	MINOR	RomPilot machine %s with MAC address %m has detected a conditional error during BIOS POST.	
rpSecurityTrap RomPilot Security Breach Trap.	1024	INFORMAT IONAL	RomPilot machine %s with MAC address %m has loaded its Operating System.	
rpNosUpTrap RomPilot OS Loaded Trap.	1280	INFORMAT IONAL	RomPilot machine %s with MAC address %m has loaded its Operating System.	
rpCriticalTrap RomPilot Critical Trap.	1536	MAJOR	RomPilot machine %s with MAC address %m has sent a critical trap.	
rpDisconnectTrap RomPilot Disconnect Trap.	1792	INFORMAT IONAL	RomPilot machine %s with MAC address %m has sent a disconnect trap and will end communications abruptly.	
rpReconnectTrap RomPilot Reconnect Trap.	2048	INFORMAT IONAL	RomPilot machine %s with MAC address %m has sent a reconnect trap. This means that the RomPilot enabled machine is able to resume communications.	
rpPostWarningTrap RomPilot POST Warning Trap.	16384	MINOR	RomPilot machine %s with MAC address %m has detected a warning during BIOS POST.	
rpPostConditionalTrap RomPilot Conditional POST Error Trap.	32768	MINOR	RomPilot machine %s with MAC address %m has detected a conditional error during BIOS POST.	
rpPostFatalTrap RomPilot Fatal POST Error Trap.	49152	MAJOR	RomPilot machine %s with MAC address %m has detected a fatal error during BIOS POST.	

B.30   SW-MIB (fcswitch.mib)

Traps from Fibre Channel Switch SN200. Refer to the SN200 manual for details.

table: SW-MIB Trap (ENTERPRISE : enterprises.1588.2.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
swFault Switch is faulty.	1	CRITICAL	Faulty reason: %d	
swSensorScn A sensor (temperature, fan, etc.) changed its operational state.	2	INFORMAT IONAL	%s: is currently in state %d	
swFCPortScn A Fibre Channel Port changed its operational state.	3	INFORMAT IONAL	Port Index %d changed state to %d	
swEventTrap A firmware event has been logged	4	INFORMAT IONAL	Event %d: %s (severity level %d) - %s	
swFabricWatchTrap Fabric Watch has generated an event	5	MINOR	Threshold %s in Class/Area %d at index %d has generated event %d with %d on %s. This event is %d	
swTrackChangesTrap Track changes has generated a trap	6	INFORMAT IONAL	%s	

B.31   ADAPTECDURALINK-MIB (duralink.mib)

Traps from Duralink (Adaptec multiport adapter: 10Mbps/100Mbps multiport fast Ethernet network interface card).

table: ADAPTECDURALINK-MIB Trap (ENTERPRISE : enterprises.1588.2.1.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
duralinkStatusTrap Port Status Changed	1	INFORMAT IONAL	Group %d Port %d port status is %d.	
duralinkPortUp Port Available	2	INFORMAT IONAL	Group %s Port %s is up.	
duralinkPortDown Port Unavailable	3	MAJOR	Group %s Port %s is down.	
duralinkPortStandby Port acting as failover backup	4	INFORMAT IONAL	Group %s Port %s is acting as a failover backup.	

B.32 TapeAlert-MIB (tapealrt.mib)

Traps from a HP tape device. Refer to the Tape Device manual for details.

table: TapeAlert-MIB Trap (ENTERPRISE : enterprises.11.2.3.9.7.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
tapeAlertTrap1 HP TapeAlert #1	1	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Problems Reading Data	Tape Device monitor Trap. Not supported.
tapeAlertTrap2 HP TapeAlert #2	2	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Problems Writing Data	↑
tapeAlertTrap3 HP TapeAlert #3	3	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Read or Write Data Error	↑
tapeAlertTrap4 HP TapeAlert #4	4	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Faulty Media [%s]	↑
tapeAlertTrap5 HP TapeAlert #5	5	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device May Have Read Fault - Call Helpline	↑
tapeAlertTrap6 HP TapeAlert #6	6	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device May Have Write Fault - Call Helpline	↑
tapeAlertTrap7 HP TapeAlert #7	7	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Worn Out Media [%s]	↑
tapeAlertTrap8 HP TapeAlert #8	8	MINOR	Hba%d:Channel%d:ScsiID%d Media Loaded In Tape Device Is Not Data Grade	↑
tapeAlertTrap9 HP TapeAlert #9	9	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Attempted Backup to Write-Protected Tape	↑
tapeAlertTrap10 HP TapeAlert #10	10	INFORMATIONAL	Hba%d:Channel%d:ScsiID%d Tape Device Eject Attempted When Media Locked	↑
tapeAlertTrap11 HP TapeAlert #11	11	INFORMATIONAL	Hba%d:Channel%d:ScsiID%d Tape Device Attempted Backup/Restore To Cleaning Tape	↑
tapeAlertTrap12 HP TapeAlert #12	12	INFORMATIONAL	Hba%d:Channel%d:ScsiID%d Media Loaded In Tape Device Is Unsupported Type	↑
tapeAlertTrap13 HP TapeAlert #13	13	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Snapped Tape	↑
tapeAlertTrap14 HP TapeAlert #14	14	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Snapped Tape	↑
tapeAlertTrap15 HP TapeAlert #15	15	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Memory Chip in Cartridge Failure [%s]	↑
tapeAlertTrap16 HP TapeAlert #16	16	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Cartridge Ejected While Actively Writing/Reading	↑
tapeAlertTrap17 HP TapeAlert #17	17	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Read Only Media	↑

table: TapeAlert-MIB Trap (ENTERPRISE : enterprises.11.2.3.9.7.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
tapeAlertTrap18 HP TapeAlert #18	18	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Corrupted Directory On Tape	↑
tapeAlertTrap19 HP TapeAlert #19	19	INFORMAT IONAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Worn Out Media [%s]	↑
tapeAlertTrap20 HP TapeAlert #20	20	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Needs Cleaning	↑
tapeAlertTrap21 HP TapeAlert #21	21	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Requests Routine Cleaning	↑
tapeAlertTrap22 HP TapeAlert #22	22	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Worn Out Cleaning Cartridge	↑
tapeAlertTrap23 HP TapeAlert #23	23	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Detected Invalid Cleaning Cartridge	↑
tapeAlertTrap29 HP TapeAlert #29	29	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Requires Preventative Maintenance	↑
tapeAlertTrap30 HP TapeAlert #30	30	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Hardware Fault - Reset Drive	↑
tapeAlertTrap31 HP TapeAlert #31	31	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Hardware Fault - Call Helpline	↑
tapeAlertTrap32 HP TapeAlert #32	32	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Host Interface Fault	↑
tapeAlertTrap33 HP TapeAlert #33	33	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Eject Media Request	↑
tapeAlertTrap34 HP TapeAlert #34	34	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Firmware Download Fault	↑
tapeAlertTrap35 HP TapeAlert #35	35	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Humidity Specification Exceeded	↑
tapeAlertTrap36 HP TapeAlert #36	36	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Temperature Specification Exceeded	↑
tapeAlertTrap37 HP TapeAlert #37	37	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Voltage Specification Exceeded	↑
tapeAlertTrap38 HP TapeAlert #38	38	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Predicted to Fail - Call Helpline	↑
tapeAlertTrap39 HP TapeAlert #39	39	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device May Have Hardware Fault - Run Diagnostics	↑
tapeAlertTrap40 HP TapeAlert #40	40	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Autoloader Communications Fault	↑
tapeAlertTrap41 HP TapeAlert #41	41	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Detects Stray Tape In Autoloader	↑
tapeAlertTrap42 HP TapeAlert #42	42	MINOR	Hba%d:Channel%d:ScsiID%d Tape Device Has Autoloader Mechanism Fault	↑
tapeAlertTrap43 HP TapeAlert #43	43	CRITICAL	Hba%d:Channel%d:ScsiID%d Tape Device Has Autoloader Door Open	↑

table: TapeAlert-MIB Trap (ENTERPRISE : enterprises.11.2.3.9.7.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
tapeAlertTrap44 HP TapeAlert #44	44	CRITICAL	Hba%d:Channel%d:ScsiID%d Autoloader Has Hardware Fault - Call Helpline	↑
tapeAlertTrap45 HP TapeAlert #45	45	CRITICAL	Hba%d:Channel%d:ScsiID%d Autoloader Cannot Operate Without Magazine	↑
tapeAlertTrap46 HP TapeAlert #46	46	MINOR	Hba%d:Channel%d:ScsiID%d Autoloader Predicted to Fail - Call Helpline	↑
tapeAlertTrap256 HP TapeAlert #256	256	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Has Drive Communications Fault	↑
tapeAlertTrap257 HP TapeAlert #257	257	MINOR	Hba%d:Channel%d:ScsiID%d Library Has Changer Mechanism Fault	↑
tapeAlertTrap258 HP TapeAlert #258	258	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Has Hardware Fault - Reset Library	↑
tapeAlertTrap259 HP TapeAlert #259	259	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Has Hardware Fault - Call Helpline	↑
tapeAlertTrap260 HP TapeAlert #260	260	MINOR	Hba%d:Channel%d:ScsiID%d Library May Have Hardware Fault - Run Diagnostics	↑
tapeAlertTrap261 HP TapeAlert #261	261	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Has Host Interface Fault	↑
tapeAlertTrap262 HP TapeAlert #262	262	MINOR	Hba%d:Channel%d:ScsiID%d Library Predicted to Fail - Call Helpline	↑
tapeAlertTrap263 HP TapeAlert #263	263	MINOR	Hba%d:Channel%d:ScsiID%d Library Requires Preventative Maintenance	↑
tapeAlertTrap264 HP TapeAlert #264	264	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Humidity Specification Exceeded	↑
tapeAlertTrap265 HP TapeAlert #265	265	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Temperature Specification Exceeded	↑
tapeAlertTrap266 HP TapeAlert #266	266	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Voltage Specification Exceeded	↑
tapeAlertTrap267 HP TapeAlert #267	267	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Detects Stray Tape In Drive	↑
tapeAlertTrap268 HP TapeAlert #268	268	MINOR	Hba%d:Channel%d:ScsiID%d Library Has Problems Picking Cartridge from Slot	↑
tapeAlertTrap269 HP TapeAlert #269	269	MINOR	Hba%d:Channel%d:ScsiID%d Library Has Problems Placing Cartridge into Slot	↑
tapeAlertTrap270 HP TapeAlert #270	270	MINOR	Hba%d:Channel%d:ScsiID%d Library Has Problems Loading Cartridge into Drive	↑
tapeAlertTrap271 HP TapeAlert #271	271	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Door is Open	↑
tapeAlertTrap272 HP TapeAlert #272	272	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Has Mechanical Fault with Mailslot	↑
tapeAlertTrap273 HP TapeAlert #273	273	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Cannot Operate Without Magazine	↑
tapeAlertTrap274 HP TapeAlert #274	274	MINOR	Hba%d:Channel%d:ScsiID%d Library Security Has Been Compromised	↑

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
tapeAlertTrap275 HP TapeAlert #275	275	INFORMAT IONAL	Hba%d:Channel%d:ScsiID%d Library Security Mode Changed	↑
tapeAlertTrap276 HP TapeAlert #276	276	INFORMAT IONAL	Hba%d:Channel%d:ScsiID%d Library Manually Turned Offline	↑
tapeAlertTrap277 HP TapeAlert #277	277	INFORMAT IONAL	Hba%d:Channel%d:ScsiID%d Library Drive Turned Offline	↑
tapeAlertTrap278 HP TapeAlert #278	278	MINOR	Hba%d:Channel%d:ScsiID%d Library Has Problems Reading Barcode Labels	↑
tapeAlertTrap279 HP TapeAlert #279	279	CRITICAL	Hba%d:Channel%d:ScsiID%d Library Inventory is Inconsistent	↑
tapeAlertTrap280 HP TapeAlert #280	280	MINOR	Hba%d:Channel%d:ScsiID%d Invalid Library Operation Attempted	↑

B.33 IOMMIB (iommib.mib)

Traps from Adaptec IOManager Storage Controllers.

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
iomStorageControllerStateCha ngeI Informational Storage Controller State Change.	1010	INFORMAT IONAL	The storage controller %d has changed state.	
iomStorageControllerStateCha ngeW Warning Storage Controller State Change.	1011	MAJOR	The storage controller %d has changed state.	
iomStorageControllerStateCha ngeC Critical Storage Controller State Change.	1012	CRITICAL	The storage controller %d has changed state.	
iomBusPortStateChangeI Informational Bus Port State Change.	1020	INFORMAT IONAL	The bus port %d has changed state.	
iomBusPortStateChangeW Warning Bus Port State Change.	1021	MAJOR	The bus port %d has changed state.	
iomBusPortStateChangeC Critical Bus Port State Change.	1022	CRITICAL	The bus port %d has changed state.	
iomStorageDeviceStateChang eI Informational Storage Device State Change.	1030	INFORMAT IONAL	The storage device %d has changed state.	
iomStorageDeviceStateChang eW Warning Storage Device State Change.	1031	MAJOR	The storage device %d has changed state.	

table: IOMMIB Trap (ENTERPRISE : enterprises.795.12.2)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
iomStorageDeviceStateChangeC Critical Storage Device State Change.	1032	CRITICAL	The storage device %d has changed state.	
iomVolumeSetStateChangeI Informational Volume Set State Change.	1040	INFORMATIONAL	The volume set %d has changed state.	
iomVolumeSetStateChangeW Warning Volume Set State Change.	1041	MAJOR	The volume set %d has changed state.	
iomVolumeSetStateChangeC Critical Volume Set State Change.	1042	CRITICAL	The volume set %d has changed state.	
iomVolumeSetActivityChangeI Informational Volume Set Activity Change.	1050	INFORMATIONAL	The volume set %d has changed activity.	
iomVolumeSetActivityChangeW Warning Volume Set Activity Change.	1051	MAJOR	The volume set %d has changed activity.	
iomVolumeSetActivityChangeC Critical Volume Set Activity Change.	1052	CRITICAL	The volume set %d has changed activity.	
iomSpareStateChangeI Informational Spare State Change.	1060	INFORMATIONAL	The spare %d has changed state.	
iomSpareStateChangeW Warning Spare State Change.	1061	MAJOR	The spare %d has changed state.	
iomSpareStateChangeC Critical Spare State Change.	1062	CRITICAL	The spare %d has changed state.	
iomEnclosureStateChangeI Informational Enclosure State Change.	1070	INFORMATIONAL	A component in IOManager enclosure %d has changed state.	
iomEnclosureStateChangeW Warning Enclosure State Change.	1071	MAJOR	A component in IOManager enclosure %d has changed state.	
iomEnclosureStateChangeC Critical Enclosure State Change.	1072	CRITICAL	A component in IOManager enclosure %d has changed state.	

B.34 BRIDGE-MIB (trap1493.mib)

Traps from BRIDGE device. Refer to the RFC1493 for details.

table: BRIDGE-MIB Trap (ENTERPRISE : mib2.17)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
newRoot a new root of the Spanning True trap	1	INFORMAT IONAL	A trap to inicated when a node has become a new root of the Spanning True.	
topologyChange topology changed trap	2	INFORMAT IONAL	A trap to inicated when the topology has changed.	

B.35 RMON-MIB (trap1757.mib)

Traps from remote network monitor. Refer to the RFC1757 for details.

table: RMON-MIB Trap (ENTERPRISE : mib2.16)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
risingAlarm Rising Alarm Trap Sent From Rmon Manager that the monitor variables has crosses its rising threshold	1	INFORMAT IONAL	The vairable %x we are monitoring has occured a Rising Alarm, The alarmValue is %d which has crossed over the threshold %d within the timeInterval we defined in Alarm Table. Note: The infomration of this alarm can be get from alarm Table index %d and the alarm SampleType is %d.	
fallingAlarm Faling Alarm Trap Sent From Rmon Manager that the monitor variables has crosses its falling threshold	2	INFORMAT IONAL	The vairable %x we are monitoring has occured a Falling Alarm, The alarmValue is %d which has crossed down the threshold %d within the timeInterval we defined in Alarm Table. Note: The infomration of this alarm can be get from alarm Table index %d and the alarm SampleType is %d.	

B.36 INTEL-WFM-MIB (WFM.mib)

Traps from Wired for Management.

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmTempLowWarningOKWar n_LNC_GL Temp Low Warning (OK -> Warn) (LNC_GL)	65792	MAJOR	%s	
wfmTempOK_LNC_GH Temp OK (LNC_GH)	65793	INFORMAT IONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmTempLowCriticalWarnCrit _LC_GL Temp Low Critical(Warn -> Crit) (LC_GL)	65794	CRITICAL	%s	
wfmTempLowWarningCritWar n_LC_GH Temp Low Warning (Crit -> Warn) (LC_GH)	65795	MAJOR	%s	
wfmTempLowCriticalCritNonR ecover_LNR_GL Temp Low Critical(Crit -> NonRecover) (LNR_GL)	65796	CRITICAL	%s	
wfmTempLowCriticalNonReco verCrit_LNR_GH Temp Low Critical(NonRecover -> Crit) (LNR_GH)	65797	CRITICAL	%s	
wfmTempOK_UNC_GL Temp OK (UNC_GL)	65798	INFORMAT IONAL	%s	
wfmTempHighWarningOKWar n_UNC_GH Temp High Warning (OK -> Warn) (UNC_GH)	65799	MAJOR	%s	
wfmTempHighWarningCritWar n_UC_GL Temp High Warning (Crit -> Warn) (UC_GL)	65800	MAJOR	%s	
wfmTempHighCriticalWarnCrit _UC_GH Temp High Critical(Warn -> Crit) (UC_GH)	65801	CRITICAL	%s	
wfmTempHighCriticalNonReco verCrit_UNR_GL Temp High Critical(NonRecover -> Crit) (UNR_GL)	65802	CRITICAL	%s	
wfmTempHighCriticalCritNon Recover_UNR_GH Temp High Critical(Crit -> NonRecover) (UNR_GH)	65803	CRITICAL	%s	
wfmTemperatureOk Temperature Ok	65927	INFORMAT IONAL	%s	
wfmThermalTrip Thermal trip	66049	CRITICAL	%s	
wfmTemperatureWarningCritic al Temperature High Critical -> Warning	65929	MINOR	%s	
wfmTempOK_LNC_GL Temp OK (LNC_GL)	98560	INFORMAT IONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmTempLowWarningOKWarn_LNC_GH Temp Low Warning (OK -> Warn) (LNC_GH)	98561	MAJOR	%s	
wfmTempLowWarningCritWarn_LC_GL Temp Low Warning (Crit -> Warn) (LC_GL)	98562	MAJOR	%s	
wfmTempLowCriticalWarnCrit_LC_GH Temp Low Critical(Warn -> Crit) (LC_GH)	98563	CRITICAL	%s	
wfmTempLowCriticalNonRecoverCrit_LNR_GL Temp Low Critical(NonRecover -> Crit) (LNR_GL)	98564	CRITICAL	%s	
wfmTempLowCriticalCritNonRecover_LNR_GH Temp Low Critical(Crit -> NonRecover) (LNR_GH)	98565	CRITICAL	%s	
wfmTempHighWarningOKWarn_UNC_GL Temp High Warning (OK -> Warn) (UNC_GL)	98566	MAJOR	%s	
wfmTempOK_UNC_GH Temp OK (UNC_GH)	98567	INFORMATIONAL	%s	
wfmTempHighCriticalWarnCrit_UC_GL Temp High Critical(Warn -> Crit) (UC_GL)	98568	CRITICAL	%s	
wfmTempHighWarningCritWarn_UC_GH Temp High Warning (Crit -> Warn) (UC_GH)	98569	MAJOR	%s	
wfmTempHighCriticalCritNonRecover_UNR_GL Temp High Critical(Crit -> NonRecover) (UNR_GL)	98570	CRITICAL	%s	
wfmTempHighCriticalNonRecoverCrit_UNR_GH Temp High Critical(NonRecover -> Crit) (UNR_GH)	98571	CRITICAL	%s	
wfmMemorySingleBitError1 Memory - Single Bit Error 1	131072	INFORMATIONAL	%s	
wfmVoltageLowWarningOKWarn_LNC_GL Voltage Low - Warning (OK -> Warn) (LNC_GL)	131328	MAJOR	%s	
wfmVoltageOK_LNC_GH Voltage OK (LNC_GH)	131329	INFORMATIONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmVoltageLowCriticalWarnCrit_LC_GL Voltage Low - Critical(Warn -> Crit) (LC_GL)	131330	CRITICAL	%s	
wfmVoltageLowNoLongerCritical_LC_GH Voltage Low - no longer Critical (LC_GH)	131331	INFORMATIONAL	%s	
wfmVoltageLowCriticalCritNonRecover_LNR_GL Voltage Low - Critical(Crit -> NonRecover) (LNR_GL)	131332	CRITICAL	%s	
wfmVoltageLowCriticalNonRecoverCrit_LNR_GH Voltage Low - Critical(NonRecover -> Crit) (LNR_GH)	131333	CRITICAL	%s	
wfmVoltageOK_UNC_GL Voltage OK (UNC_GL)	131334	INFORMATIONAL	%s	
wfmVoltageHighWarningOKWarn_UNC_GH Voltage High - Warning (OK -> Warn) (UNC_GH)	131335	MAJOR	%s	
wfmVoltageHighNoLongerCritical_UC_GL Voltage High - no longer Critical (UC_GL)	131336	INFORMATIONAL	%s	
wfmVoltageHighCriticalWarnCrit_UC_GH Voltage High - Critical(Warn -> Crit) (UC_GH)	131337	CRITICAL	%s	
wfmVoltageHighCriticalNonRecoverCrit_UNR_GL Voltage High - Critical(NonRecover -> Crit) (UNR_GL)	131338	CRITICAL	%s	
wfmVoltageHighCriticalCritNonRecover_UNR_GH Voltage High - Critical(Crit -> NonRecover) (UNR_GH)	131339	CRITICAL	%s	
wfmVoltageLimitExceeded Voltage limit exceeded	132353	CRITICAL	%s	
wfmMemorySingleBitError2 Memory - Single Bit Error 2	133632	INFORMATIONAL	%s	
wfmVoltageOK_LNC_GL Voltage OK (LNC_GL)	164096	INFORMATIONAL	%s	
wfmMemorySingleBitError3 Memory - Single Bit Error 3	134784	INFORMATIONAL	%s	
wfmVoltageLowWarningOKWarn_LNC_GH Voltage Low - Warning (OK -> Warn) (LNC_GH)	164097	MAJOR	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmMemorySingleBitError4 Memory - Single Bit Error 4	135168	INFORMAT IONAL	%s	
wfmVoltageLowNoLongerCriti cal_LC_GL Voltage Low - no longer Critical (LC_GL)	164098	INFORMAT IONAL	%s	
wfmMemorySingleBitError5 Memory - Single Bit Error 5	135552	INFORMAT IONAL	%s	
wfmVoltageLowCriticalWarnCr it_LC_GH Voltage Low - Critical(Warn -> Crit) (LC_GH)	164099	CRITICAL	%s	
wfmMemorySingleBitError6 Memory - Single Bit Error 6	137088	INFORMAT IONAL	%s	
wfmVoltageLowCriticalNonRe coverCrit_LNR_GL Voltage Low - Critical(NonRecover -> Crit) (LNR_GL)	164100	CRITICAL	%s	
wfmMemorySingleBitError7 Memory - Single Bit Error 7	137344	INFORMAT IONAL	%s	
wfmVoltageLowCriticalCritNo nRecover_LNR_GH Voltage Low - Critical(Crit -> NonRecover) (LNR_GH)	164101	CRITICAL	%s	
wfmMemorySingleBitError8 Memory - Single Bit Error 8	137984	INFORMAT IONAL	%s	
wfmVoltageHighWarningOKW arn_UNC_GL Voltage High - Warning (OK -> Warn) (UNC_GL)	164102	MAJOR	%s	
wfmMemorySingleBitError9 Memory - Single Bit Error 9	139392	INFORMAT IONAL	%s	
wfmVoltageOK_UNC_GH Voltage OK (UNC_GH)	164103	INFORMAT IONAL	%s	
wfmMemorySingleBitError10 Memory - Single Bit Error 10	139393	INFORMAT IONAL	%s	
wfmVoltageHighCriticalWarnC rit_UC_GL Voltage High - Critical(Warn -> Crit) (UC_GL)	164104	CRITICAL	%s	
wfmMemorySingleBitError11 Memory - Single Bit Error 11	143232	INFORMAT IONAL	%s	
wfmVoltageHighNoLongerCriti cal_UC_GH Voltage High - no longer Critical (UC_GH)	164105	INFORMAT IONAL	%s	
wfmMemorySingleBitError12 Memory - Single Bit Error 12	144384	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmVoltageHighCriticalCritNonRecover_UNR_GL Voltage High - Critical(Crit -> NonRecover) (UNR_GL)	164106	CRITICAL	%s	
wfmMemorySingleBitError13 Memory - Single Bit Error 13	148352	INFORMATIONAL	%s	
wfmVoltageHighCriticalNonRecoverCrit_UNR_GH Voltage High - Critical(NonRecover -> Crit) (UNR_GH)	164107	CRITICAL	%s	
wfmMemorySingleBitError14 Memory - Single Bit Error 14	153088	INFORMATIONAL	%s	
wfmFanPreFailOKWarn_LNC_GL Fan Pre-Fail (OK -> Warn) (LNC_GL)	262400	MAJOR	%s	
wfmMemorySingleBitError15 Memory - Single Bit Error 15	153472	INFORMATIONAL	%s	
wfmFanIsWorkingOK_LNC_GH Fan is working (OK) (LNC_GH)	262401	INFORMATIONAL	%s	
wfmMemorySingleBitError16 Memory - Single Bit Error 16	153984	INFORMATIONAL	%s	
wfmFanFailedWarnCrit_LC_GL Fan Failed (Warn -> Crit) (LC_GL)	262402	CRITICAL	%s	
wfmMemorySingleBitError17 Memory - Single Bit Error 17	154496	INFORMATIONAL	%s	
wfmFanPreFailCritWarn_LC_GH Fan Pre-Fail(Crit -> Warn) (LC_GH)	262403	MAJOR	%s	
wfmMemorySingleBitError18 Memory - Single Bit Error 18	154624	INFORMATIONAL	%s	
wfmFanFailedCritNonRecover_LNR_GL Fan Failed (Crit -> NonRecover) (LNR_GL)	262404	CRITICAL	%s	
wfmMemorySingleBitError19 Memory - Single Bit Error 19	154752	INFORMATIONAL	%s	
wfmFanFailedNonRecoverCrit_LNR_GH Fan Failed (NonRecover -> Crit) (LNR_GH)	262405	CRITICAL	%s	
wfmMemorySingleBitError20 Memory - Single Bit Error 20	155392	INFORMATIONAL	%s	
wfmFanOK Fan OK	262912	INFORMATIONAL	%s	
wfmMemorySingleBitError21 Memory - Single Bit Error 21	155904	INFORMATIONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmFanFailed Fan Failed	262913	CRITICAL	%s	
wfmMemorySingleBitError22 Memory - Single Bit Error 22	156416	INFORMAT IONAL	%s	
wfmFanPredictiveFailureDeass erted Fan predictive failure deasserted	263168	MAJOR	%s	
wfmMemorySingleBitError23 Memory - Single Bit Error 23	157184	INFORMAT IONAL	%s	
wfmFanPredictiveFailureAssert ed Fan predictive failure asserted	263169	MAJOR	%s	
wfmMemorySingleBitError24 Memory - Single Bit Error 24	157696	INFORMAT IONAL	%s	
wfmFanRemoved Fan removed	264192	INFORMAT IONAL	%s	
wfmMemorySingleBitError25 Memory - Single Bit Error 25	158208	INFORMAT IONAL	%s	
wfmFanRestoredreplaced Fan restored/replaced	264193	INFORMAT IONAL	%s	
wfmMemorySingleBitError26 Memory - Single Bit Error 26	158464	INFORMAT IONAL	%s	
wfmFANSensorSpecificErrorR eported FAN Sensor specific Error reported	290560	INFORMAT IONAL	%s	
wfmMemorySingleBitError27 Memory - Single Bit Error 27	159104	INFORMAT IONAL	%s	
wfmFanIsWorkingOK_LNC_GL Fan is working (OK) (LNC_GL)	295168	INFORMAT IONAL	%s	
wfmMemorySingleBitError28 Memory - Single Bit Error 28	159872	INFORMAT IONAL	%s	
wfmFanPreFailOKWarn_LNC_ GH Fan Pre-Fail(OK -> Warn) (LNC_GH)	295169	MAJOR	%s	
wfmMemorySingleBitError29 Memory - Single Bit Error 29	162304	INFORMAT IONAL	%s	
wfmFanPreFailCritWarn_LC_ GL Fan Pre-Fail(Crit -> Warn) (LC_GL)	295170	MAJOR	%s	
wfmFanFailedWarnCrit_LC_GH Fan Failed (Warn -> Crit) (LC_GH)	295171	CRITICAL	%s	
wfmFanFailedNonRecoverCrit _LNR_GL Fan Failed (NonRecover -> Crit) (LNR_GL)	295172	CRITICAL	%s	

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmFanFailedCritNonRecover _LNR_GH Fan Failed (Crit -> NonRecover) (LNR_GH)	295173	CRITICAL	%s	
wfmPhysicalIntrusionclosed Physical intrusion (closed)	328448	INFORMAT IONAL	%s	
wfmPhysicalIntrusionopened Physical intrusion (opened)	328449	MINOR	%s	
wfmChassisIntrusionopened Chassis Intrusion (opened)	356096	MINOR	%s	
wfmDriveBayIntrusionopened DriveBay Intrusion (opened)	356097	MINOR	%s	
wfmIOAreaIntrusionopened I/O area Intrusion (opened)	356098	MAJOR	%s	
wfmCPUAreaIntrusionopened CPU area Intrusion (opened)	356099	MAJOR	%s	
wfmLANLeashLostCableUnplu gged LAN Leash lost (Cable unplugged)	356100	MAJOR	%s	
wfmUnautorizedDockundock Unautorized dock/undock	356101	MAJOR	%s	
wfmFANAreaIntrusionopened FAN Area Intrusion (opened)	356102	MINOR	%s	
wfmChassisIntrusion Chassis Intrusion	356224	INFORMAT IONAL	%s	
wfmChassisIntrusionclosed Chassis Intrusion (closed)	388864	INFORMAT IONAL	%s	
wfmDriveBayIntrusionclosed DriveBay Intrusion (closed)	388865	INFORMAT IONAL	%s	
wfmIOAreaIntrusionclosed I/O area Intrusion (closed)	388866	INFORMAT IONAL	%s	
wfmCPUAreaIntrusionclosed CPU area Intrusion (closed)	388867	INFORMAT IONAL	%s	
wfmLANLeashReconnected LAN Leash reconnected	388868	INFORMAT IONAL	%s	
wfmUnautorizedDockundock Unautorized dock/undock	388869	INFORMAT IONAL	%s	
wfmFANAreaIntrusionclosed FAN Area Intrusion (closed)	388870	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptFrontPanelButtonReleased Secure mode violation attempt: front panel button released	393984	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptFrontPanelButtonPressed Secure mode violation attempt: front panel button pressed	393985	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptFrontPanelButtonPressed Secure mode violation attempt: front panel button pressed	421632	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmSecureModeViolationAtte mptPrebootUSERPasswordWro ng Secure mode violation attempt: Pre-boot USER password wrong	421633	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptPrebootSETUPPasswordWr ong Secure mode violation attempt: Pre-boot SETUP password wrong	421634	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptPrebootNETWORKPasswo rdWrong Secure mode violation attempt: Pre-boot NETWORK password wrong	421635	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptPrebootOTHERPasswordW rong Secure mode violation attempt: Pre-boot OTHER password wrong	421636	INFORMAT IONAL	%s	
wfmSecureModeViolationAtte mptOutofbandAccessPassword Wrong Secure mode violation attempt: Out-of-band access password wrong	421637	INFORMAT IONAL	%s	
wfmCPUPredictiveFailure CPU Predictive Failure	459777	MAJOR	%s	
wfmCPUInternalError CPU internal error	487168	CRITICAL	%s	
wfmCPUThermalTripFailure CPU thermal trip failure	487169	CRITICAL	%s	
wfmCPUFailedBuiltinSelftestD isabledFRB1 CPU failed built-in selftest; disabled (FRB1)	487170	CRITICAL	%s	
wfmCPUHungDuringPOSTDis abledFRB2 CPU hung during POST; disabled (FRB2)	487171	CRITICAL	%s	
wfmCPUStartupinitializationFa ilureDisabledFRB3 CPU startup/initialization failure; disabled (FRB3)	487172	CRITICAL	%s	
wfmCPUConfigurationError CPU configuration error	487173	MAJOR	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmUncorrectableCPUcomplex Error Uncorrectable CPU-complex error	487174	CRITICAL	%s	
wfmCPUPresenceDetected CPU presence detected	487175	INFORMAT IONAL	%s	
wfmCPUDisabled CPU Disabled	487176	INFORMAT IONAL	%s	
wfmCPUTerminatorPresenceD etected CPU terminator presence detected	487177	INFORMAT IONAL	%s	
wfmCPUThrottledstart CPU throttled (start)	487178	MAJOR	%s	
wfmCpuClockUnthrottle CPU clock unthrottle	487306	INFORMAT IONAL	%s	
wfmCPUFailedBISTDisabledF RB1 CPU failed BIST; disabled (FRB1)	487330	CRITICAL	%s	
wfmCPUDisabled CPU Disabled	487336	INFORMAT IONAL	%s	
wfmCPUNotPresent CPU not present	519943	INFORMAT IONAL	%s	
wfmCPUTerminatorNotDetected CPU terminator not detected	519945	INFORMAT IONAL	%s	
wfmCPUThrottleEnd CPU throttle end	519946	INFORMAT IONAL	%s	
wfmCPUEnabled CPU Enabled	520104	INFORMAT IONAL	%s	
wfmPowerSupplyInserted Power supply inserted	552704	INFORMAT IONAL	%s	
wfmPowerSupplyAuxDCPower Fail Power supply Aux/DC power fail	552705	CRITICAL	%s	
wfmPowerSupplyPredictiveFail ure Power supply predictive failure	552706	CRITICAL	%s	
wfmPowerSupplyInputLostAC DC Power supply input lost (AC/ DC)	552707	CRITICAL	%s	
wfmPowerSupplyInputLostOrO utofrange Power supply input lost or out-of-range	552708	CRITICAL	%s	
wfmPowerSupplyInputOutofra ngeButPresent Power supply input out-of-range, but present	552709	CRITICAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmPowerSupplyConfiguration Error Power supply configuration error	552710	MAJOR	%s	
wfmPowerSupplyRemoved Power supply removed	585472	INFORMAT IONAL	%s	
wfmPowerUnitCriticalNumber OfPS Power unit critical number of PS	592390	INFORMAT IONAL	%s	
wfmPowerUnitRedundancyReg ained Power unit redundancy regained	592640	INFORMAT IONAL	%s	
wfmPowerUnitRedundancyLost Power unit redundancy lost	592641	INFORMAT IONAL	%s	
wfmPowerUnitPowerOffPower Down Power Unit - Power Off / Power Down	618240	INFORMAT IONAL	%s	
wfmPowerUnitPowerCycle Power Unit - Power cycle	618241	INFORMAT IONAL	%s	
wfmPowerUnit240VAPowerDo wn Power Unit - 240 VA Power Down	618242	INFORMAT IONAL	%s	
wfmInterlockPowerDown Interlock Power down	618243	INFORMAT IONAL	%s	
wfmPowerUnitACLost Power unit - A/C lost	618244	CRITICAL	%s	
wfmPowerUnitSoftPowerContr olFailure Power unit - Soft Power Control failure	618245	MAJOR	%s	
wfmPowerUnitFailure Power unit failure	618246	MAJOR	%s	
wfmPowerUnitPredictiveFailure Power unit predictive failure	618247	MAJOR	%s	
wfmPowerUnitPowerOn Power Unit - Power On	651008	INFORMAT IONAL	%s	
wfmPowerUnit240VAPowerRe stored Power Unit - 240 VA Power restored	651010	INFORMAT IONAL	%s	
wfmInterlockPowerRestored Interlock Power restored	651011	INFORMAT IONAL	%s	
wfmPowerUnitPowerRestored Power unit - Power restored	651012	INFORMAT IONAL	%s	
wfmPowerUnitOK Power unit OK	651014	INFORMAT IONAL	%s	
wfmMultipleFanFailure Multiple fan failure	683776	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmMemoryPDAEventModule Memory - PDA event Module	787617	INFORMAT IONAL	%s	
wfmMemorySinglebitError Memory - Single-bit error	814848	MINOR	%s	
wfmMemoryMultibitError Memory - Multi-bit error	814849	CRITICAL	%s	
wfmMemoryParityError Memory - Parity error	814850	CRITICAL	%s	
wfmMemoryScrubFailed Memory - scrub failed	814851	INFORMAT IONAL	%s	
wfmMemoryDeviceDisabled Memory - device disabled	814852	INFORMAT IONAL	%s	
wfmMemoryErrorLoggingLimi tReached Memory - error logging limit reached	814853	MAJOR	%s	
wfmMemoryPresenceDetected Memory - presence detected	814854	INFORMAT IONAL	%s	
wfmMemoryConfigurationError Memory - configuration error	814855	MAJOR	%s	
wfmMemorySpare Memory - spare	814856	INFORMAT IONAL	%s	
wfmMemoryDeviceDisabled Memory - device disabled	815012	INFORMAT IONAL	%s	
wfmMemoryDeviceRemoved Memory - device removed	847622	INFORMAT IONAL	%s	
wfmMemoryDeviceEnabled Memory - device enabled	847780	INFORMAT IONAL	%s	
wfmHotswapCageRemoved Hotswap cage removed	854016	INFORMAT IONAL	%s	
wfmHotswapCageInserted Hotswap cage inserted	854017	INFORMAT IONAL	%s	
wfmPOSTMemoryResizedConf igChanged POST - Memory Resized/ Config changed	945920	MAJOR	%s	
wfmPOSTGenericError POST - Generic error	983040	INFORMAT IONAL	%s	
wfmPOSTError POST - Error	1011456	CRITICAL	%s	
wfmPOSTSystemFirmwareHA NG POST - System Firmware HANG	1011457	CRITICAL	%s	
wfmPOSTSystemFirmwarePR OGRESS POST - System Firmware PROGRESS	1011458	INFORMAT IONAL	%s	
wfmCorrectableMemoryErrorL oggingDisabled Correctable memory error logging disabled	1076992	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmLoggingDisabledForErrorType Logging disabled for error type	1076993	INFORMATIONAL	%s	
wfmEventLogCleared Event log cleared	1076994	INFORMATIONAL	%s	
wfmAllEventLoggingDisabled All Event logging disabled	1076995	INFORMATIONAL	%s	
wfmSELFull SEL full	1076996	INFORMATIONAL	%s	
wfmSELAlmostFull SEL almost full	1076997	INFORMATIONAL	%s	
wfmCorrectableMemoryErrorLogging Correctable memory error logging	1077120	INFORMATIONAL	%s	
wfmCorrectableMemoryErrorLoggingEnabled Correctable memory error logging enabled	1109760	INFORMATIONAL	%s	
wfmLoggingEnabledForErrorType Logging enabled for error type	1109761	INFORMATIONAL	%s	
wfmAllEventLoggingEnabled All Event logging enabled	1109763	INFORMATIONAL	%s	
wfmWatchdogBIOSWatchdogReset Watchdog: BIOS Watchdog Reset	1142528	INFORMATIONAL	%s	
wfmWatchdogOSWatchdogReset Watchdog: OS Watchdog Reset	1142529	CRITICAL	%s	
wfmWatchdogOSWatchdogShutdown Watchdog: OS Watchdog Shutdown	1142530	CRITICAL	%s	
wfmWatchdogOSWatchdogPowerDown Watchdog: OS Watchdog Power Down	1142531	CRITICAL	%s	
wfmWatchdogOSWatchdogPowerCycle Watchdog: OS Watchdog Power Cycle	1142532	CRITICAL	%s	
wfmWatchdogOSWatchdogNMIDiagnosticInt Watchdog: OS Watchdog NMI/ Diagnostic Int.	1142533	CRITICAL	%s	
wfmWatchdogOSWatchdogStatusExpired Watchdog: OS Watchdog Status Expired	1142534	CRITICAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmWatchdogOSWatchdogPret imeoutInterruptNonNMI Watchdog: OS Watchdog pre-timeout Interrupt, non-NMI	1142535	INFORMAT IONAL	%s	
wfmUnspecifiedSystemEvent Unspecified system event	1206016	INFORMAT IONAL	%s	
wfmSystemReconfigured System reconfigured	1208064	MINOR	%s	
wfmSystemBootPOSTComplete System boot (POST complete)	1208065	INFORMAT IONAL	%s	
wfmUndeterminedSystemHard wareFailure Undetermined system hardware failure	1208066	CRITICAL	%s	
wfmEntryAddedToAuxiliaryLog Entry added to Auxiliary Log	1208067	INFORMAT IONAL	%s	
wfmEmergencyPowerOff Emergency PowerOff	1208068	INFORMAT IONAL	Emergency PowerOff, if Server failed to boot Diagnostic System. Details: %s	
wfmTimestampClockSynchEve nt Timestamp Clock Synch event	1208069	INFORMAT IONAL	%s	
wfmSystemReconfigurationEve ntDetected System reconfiguration event detected	1208070	INFORMAT IONAL	%s	
wfmFrontPanelNMIDiagnosticI nterrupt Front Panel NMI / Diagnostic Interrupt	1273600	CRITICAL	%s	
wfmBusTimeout Bus timeout	1273601	CRITICAL	%s	
wfmIOChannelCheckNMI I/O channel check NMI	1273602	CRITICAL	%s	
wfmSoftwareNMI Software NMI	1273603	CRITICAL	%s	
wfmPCIPERR PCI PERR	1273604	CRITICAL	%s	
wfmPCISERR PCI SERR	1273605	CRITICAL	%s	
wfmEISAFailsafeTimerExpired EISA Failsafe timer expired	1273606	CRITICAL	%s	
wfmCorrectableBusError Correctable bus error	1273607	CRITICAL	%s	
wfmUncorrectableBusError Uncorrectable bus error	1273608	CRITICAL	%s	
wfmFatalNMIPort61hBit7 Fatal NMI (Port 61h Bit 7)	1273609	CRITICAL	%s	
wfmPOWERButtonPressed POWER Button pressed	1339136	INFORMAT IONAL	%s	
wfmSLEEPButtonPressed SLEEP Button pressed	1339137	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmRESETButtonPressed RESET Button pressed	1339138	INFORMAT IONAL	%s	
wfmFRULatchOpen FRU - latch open	1339139	INFORMAT IONAL	%s	
wfmFRUServiceRequested FRU - service requested	1339140	INFORMAT IONAL	%s	
wfmSCSIDuplexBoardHasBee nRemoved SCSI Duplex Board has been removed	1378400	INFORMAT IONAL	%s	
wfmSCSIDuplexBoardHasBee nInserted SCSI Duplex Board has been inserted	1378401	INFORMAT IONAL	%s	
wfmCacheProtocolAndParityEr ror Cache protocol and parity error	1640354	INFORMAT IONAL	%s	
wfmSoftPowerControlFailed Soft Power Control Failed	1666816	INFORMAT IONAL	%s	
wfmACPIHardwareFailure ACPI hardware failure	1667136	INFORMAT IONAL	%s	
wfmCableConnected Cable connected	1771520	INFORMAT IONAL	%s	
wfmCableDisconnected Cable disconnected	1771521	INFORMAT IONAL	%s	
wfmTerminatorAttached Terminator attached	1837056	INFORMAT IONAL	%s	
wfmTerminatorRemoved Terminator removed	1837057	INFORMAT IONAL	%s	
wfmSystemRebootedByPower Up System rebooted by PowerUp	1928960	INFORMAT IONAL	%s	
wfmSystemRebootedByHardRe set System rebooted by Hard Reset	1928961	INFORMAT IONAL	%s	
wfmSystemRebootedByWarmR eset System rebooted by Warm Reset	1928962	INFORMAT IONAL	%s	
wfmSystemRebootedToPXEBo ot System rebooted to PXE Boot	1928963	INFORMAT IONAL	%s	
wfmDiagnosticSystemBoot Diagnostic System boot	1928964	INFORMAT IONAL	Server boots to Diagnostic System. Details: %s	
wfmNoBootableMedia No bootable media	1994496	INFORMAT IONAL	%s	
wfmNonBootableDisketteLeftI nDrive Non bootable diskette left in drive	1994497	INFORMAT IONAL	%s	
wfmPXEServerNotFound PXE Server not found	1994498	INFORMAT IONAL	%s	

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TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmInvalidBootSector Invalid boot sector	1994499	INFORMATIONAL	%s	
wfmTimeoutWaitingForUserSelectionOfBootSource Timeout waiting for user selection of boot source	1994500	INFORMATIONAL	%s	
wfmABootCompleted A: Boot completed	2060032	INFORMATIONAL	%s	
wfmCBootCompleted C: Boot completed	2060033	INFORMATIONAL	%s	
wfmPXEBootCompleted PXE Boot completed	2060034	INFORMATIONAL	%s	
wfmDiagnosticBootCompleted Diagnostic Boot completed	2060035	INFORMATIONAL	%s	
wfmCDROMBootCompleted CD-ROM Boot completed	2060036	INFORMATIONAL	%s	
wfmROMBootCompleted ROM Boot completed	2060037	INFORMATIONAL	%s	
wfmBootCompletedBootDeviceNotSpecified Boot completed - boot device not specified	2060038	INFORMATIONAL	%s	
wfmStopDuringOSLoadInitialization Stop during OS load / initialization	2125568	MAJOR	%s	
wfmRuntimeStop Run-time Stop	2125569	MAJOR	%s	
wfmPCIHotPlugSlotFaultAsserted PCI Hot Plug Slot fault asserted	2191104	MAJOR	%s	
wfmPCIHotPlugSlotIdentifyAsserted PCI Hot Plug Slot identify asserted	2191105	INFORMATIONAL	%s	
wfmPCIHotPlugSlotDeviceInstalled PCI Hot Plug Slot Device installed	2191106	INFORMATIONAL	%s	
wfmPCIHotPlugSlotReadyForDeviceInstallation PCI Hot Plug Slot ready for device installation	2191107	INFORMATIONAL	%s	
wfmPCIHotPlugSlotReadyForDeviceRemoval PCI Hot Plug Slot ready for device removal	2191108	INFORMATIONAL	%s	
wfmPCIHotPlugSlotPoweredOff PCI Hot Plug Slot powered off	2191109	INFORMATIONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmPCIHotPlugSlotRemovalRequest PCI Hot Plug Slot removal request	2191110	INFORMATIONAL	%s	
wfmPCIHotPlugSlotInterlockAssertedlatchNotClosed PCI Hot Plug Slot Interlock asserted (latch not closed)	2191111	INFORMATIONAL	%s	
wfmPCIHotPlugSlotDisabled PCI Hot Plug Slot disabled	2191112	INFORMATIONAL	%s	
wfmPCIHotPlugSlotHoldsSpareDevice PCI Hot Plug Slot holds spare device	2191113	INFORMATIONAL	%s	
wfmPCIHotPlugSlotFaultDeasserted PCI Hot Plug Slot fault deasserted	2223872	INFORMATIONAL	%s	
wfmPCIHotPlugSlotIdentifyDeasserted PCI Hot Plug Slot identify deasserted	2223873	INFORMATIONAL	%s	
wfmPCIHotPlugSlotDeviceRemoved PCI Hot Plug Slot Device removed	2223874	INFORMATIONAL	%s	
wfmPCIHotPlugSlotPoweredOn PCI Hot Plug Slot powered on	2223877	INFORMATIONAL	%s	
wfmPCIHotPlugSlotEnabled PCI Hot Plug Slot enabled	2223880	INFORMATIONAL	%s	
wfmACPIPowerStateWorkingS0G0 ACPI Power State: working (S0/G0)	2256640	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS1 ACPI Power State: sleeping (S1)	2256641	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS2 ACPI Power State: sleeping (S2)	2256642	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS3 ACPI Power State: sleeping (S3)	2256643	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS4SuspendToDisk ACPI Power State: sleeping (S4 - Suspend to disk)	2256644	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS5SoftOff ACPI Power State: sleeping (S5 - soft off)	2256645	INFORMATIONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmACPIPowerStateSleepingS4S5 ACPI Power State: sleeping (S4/S5)	2256646	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingG7MechanicalOff ACPI Power State: sleeping (G7 - mechanical off)	2256647	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS1S2S3 ACPI Power State: sleeping (S1/S2/S3)	2256648	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingG1 ACPI Power State: sleeping (G1)	2256649	INFORMATIONAL	%s	
wfmACPIPowerStateSleepingS5ByOverrride ACPI Power State: sleeping (S5 - by overrride)	2256650	INFORMATIONAL	%s	
wfmACPIPowerStateLegacyONState ACPI Power State: Legacy ON State	2256651	INFORMATIONAL	%s	
wfmACPIPowerStateLegacyOFFState ACPI Power State: Legacy OFF State	2256652	INFORMATIONAL	%s	
wfmACPIPowerStateUnknown ACPI Power State: unknown	2256653	INFORMATIONAL	%s	
wfmACPIPowerStateUnknown ACPI Power State: unknown)	2256654	INFORMATIONAL	%s	
wfmACPIPowerDown ACPI Power down	2256710	INFORMATIONAL	%s	
wfmWatchdogTimerExpired Watchdog: Timer Expired	2322176	CRITICAL	%s	
wfmWatchdogHardReset Watchdog: Hard Reset	2322177	CRITICAL	%s	
wfmWatchdogPowerDown Watchdog: Power Down	2322178	CRITICAL	%s	
wfmWatchdogPowerCycle Watchdog: Power Cycle	2322179	CRITICAL	%s	
wfmWatchdogHardwareWatchdogExpired Watchdog: Hardware Watchdog expired	2322180	CRITICAL	%s	
wfmWatchdogTimerInterrupt Watchdog: Timer Interrupt	2322184	CRITICAL	%s	
wfmSystemEventlogAboveWarningLevel System Eventlog above warning level	2490711	INFORMATIONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmSELAlmostFilledUp SEL almost filled up	2518871	INFORMAT IONAL	%s	
wfmLANHeartbeatLost LAN Heartbeat lost	2584320	INFORMAT IONAL	%s	
wfmLANHeartbeat LAN Heartbeat	2584321	INFORMAT IONAL	%s	
wfmSensorAccessDegraded Sensor access degraded	2649856	MINOR	%s	
wfmControllerAccessDegraded OrUnavailable Controller access degraded or unavailable	2649857	MAJOR	%s	
wfmManagementControllerOffl ine Management Controller off-line	2649858	MAJOR	%s	
wfmManagementControllerUna vailable Management Controller unavailable	2649859	CRITICAL	%s	
wfmBatteryLowpredictiveFailu re Battery low (predictive failure)	2715392	MINOR	%s	
wfmBatteryFailed Battery failed	2715393	MAJOR	%s	
wfmBatteryPresenceDetected Battery presence detected	2715394	INFORMAT IONAL	%s	
wfmSESSIONActivated SESSION activated	2780928	INFORMAT IONAL	%s	
wfmSESSIONDeactivated SESSION De-activated	2780929	INFORMAT IONAL	%s	
wfmHWChangeDetected HW change detected	2846464	INFORMAT IONAL	%s	
wfmFWOrSWChangeDetected FW or SW change detected	2846465	INFORMAT IONAL	%s	
wfmHWIncompatibilityDetected HW incompatibility detected	2846466	INFORMAT IONAL	%s	
wfmFWOrSWIncompatibilityD etected FW or SW incompatibility detected	2846467	INFORMAT IONAL	%s	
wfmInvalidunsupportedHWVer sionDetected Invalid/unsupported HW version detected	2846468	INFORMAT IONAL	%s	
wfmInvalidunsupportedFWOrS WVersionDetected Invalid/unsupported FW or SW version detected	2846469	INFORMAT IONAL	%s	
wfmHWChangeSuccessful HW change successful	2846470	INFORMAT IONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmFWOrSWChangeSuccessful FW or SW change successful	2846471	INFORMAT IONAL	%s	
wfmHWChangeFailed HW change failed	2879238	INFORMAT IONAL	%s	
wfmFWOrSWChangeFailed FW or SW change failed	2879239	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC0 OEM Eventlog Entry (C0)	12611328	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC1StateDeAsserted OEM Eventlog Entry (C1): State DeAsserted	12649216	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC1StateAsserted OEM Eventlog Entry (C1): State Asserted	12649217	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC1 OEM Eventlog Entry (C1)	12676864	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC2 OEM Eventlog Entry (C2)	12742400	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC3StateDeAsserted OEM Eventlog Entry (C3): State DeAsserted	12780288	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC3StateAsserted OEM Eventlog Entry (C3): State Asserted	12780289	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC3 OEM Eventlog Entry (C3)	12807936	INFORMAT IONAL	v	
wfmOEMEventlogEntryC4 OEM Eventlog Entry (C4)	12873472	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC5 OEM Eventlog Entry (C5)	12939008	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC6 OEM Eventlog Entry (C6)	13004544	INFORMAT IONAL	%s	
wfmOEMEventlogEntryC7 OEM Eventlog Entry (C7)	13070080	INFORMAT IONAL	%s	
wfmRSBS2ConsecutiveIllegalRemoteManagementLogins RSB S2: Consecutive illegal remote management logins	13135616	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagementUserLogin RSB S2: Remote management user login	13135617	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagementUserLogout RSB S2: Remote management user logout	13135618	INFORMAT IONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmRSBS2RemoteManagementUserAutologout RSB S2: Remote management user auto-logout	13135619	INFORMATIONAL	%s	
wfmRSBS2RemoteManagementUserConnectionLost RSB S2: Remote management user connection lost	13135620	INFORMATIONAL	%s	
wfmRSBS2RemoteManagementUserDialbackFailed RSB S2: Remote management user dialback failed	13135621	INFORMATIONAL	%s	
wfmRSBS2IntegratedRemoteAssistantConfigurationResetToDefaults RSB S2: Integrated Remote Assistant configuration reset to defaults	13135622	INFORMATIONAL	%s	
wfmRemoteMgrLoginFailed Remote mgr login failed	13135633	INFORMATIONAL	%s	
wfmRSBS2RemoteinitiatedCtrlAltDel RSB S2: Remote-initiated <Ctrl-Alt-Del>	13201152	INFORMATIONAL	%s	
wfmRemoteMgrLogoutFailed Remote mgr logout failed	13135634	INFORMATIONAL	%s	
wfmRSBS2RemoteinitiatedReset RSB S2: Remote-initiated reset	13201153	INFORMATIONAL	%s	
wfmRSBS2RemoteinitiatedPowerCycle RSB S2: Remote-initiated power cycle	13201154	INFORMATIONAL	%s	
wfmRSBS2RemoteinitiatedPowerDown RSB S2: Remote-initiated power down	13201155	INFORMATIONAL	%s	
wfmRSBS2RemoteinitiatedPowerUp RSB S2: Remote-initiated power up	13201156	INFORMATIONAL	%s	
wfmRSBS2AutomaticPowerShutdownDueToCriticalCondition RSB S2: Automatic power shutdown due to critical condition	13201157	INFORMATIONAL	%s	
wfmRSBS2FrontPanelPowerDown RSB S2: Front panel power down	13201158	INFORMATIONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmRSBS2AutomaticGraceful Shutdown RSB S2: Automatic graceful shutdown	13201159	INFORMAT IONAL	%s	
wfmRSBS2RemoteinitiatedGra cefulShutdown RSB S2: Remote-initiated graceful shutdown	13201160	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagemen tUserPageModemError RSB S2: Remote management user page: Modem error	13266689	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagemen tUserPageNoConnection RSB S2: Remote management user page: No connection	13266690	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagemen tUserTAPPageNoIDPrompt RSB S2: Remote management user TAP page: No ID= prompt	13266691	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagemen tUserTAPPageNoMessageGoah ead RSB S2: Remote management user TAP page: No message go-ahead	13266692	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagemen tUserTAPPageMessageNotAcc epted RSB S2: Remote management user TAP page: Message not accepted	13266693	INFORMAT IONAL	%s	
wfmRSBS2RemoteManagement UserEmailNotificationFailed RSB S2: Remote management user Email notification failed	13266694	INFORMAT IONAL	%s	
wfmRSBS2RemoteCtrlCardMe moryDiagStarted RSB S2: Remote Ctrl. Card Memory diag. started	13332224	INFORMAT IONAL	%s	
wfmRSBS2RemoteCtrlCardMe moryDiagStoppedOK RSB S2: Remote Ctrl. Card Memory diag. stopped OK	13332225	INFORMAT IONAL	%s	
wfmRSBS2RemoteCtrlCardMe moryDiagStoppedByUser RSB S2: Remote Ctrl. Card Memory diag. stopped by user	13332226	INFORMAT IONAL	%s	
wfmRSBS2RemoteCtrlCardMe moryDiagStoppedWithError RSB S2: Remote Ctrl. Card Memory diag. stopped with Error	13332227	INFORMAT IONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmRSBS2RemoteCtrlCardStarted RSB S2: Remote Ctrl. Card Started	13397760	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardInternalError RSB S2: Remote Ctrl. Card Internal error	13397761	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardFirmwareUpdated RSB S2: Remote Ctrl. Card Firmware updated	13397762	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardBatteryLow RSB S2: Remote Ctrl. Card Battery low	13397763	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardBatteryDisconnected RSB S2: Remote Ctrl. Card Battery disconnected	13397764	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardConfigSetToDefault RSB S2: Remote Ctrl. Card Config set to default	13397765	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardIPAddressChanged RSB S2: Remote Ctrl. Card IP Address Changed	13397766	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardBatteryDefective RSB S2: Remote Ctrl. Card Battery Defective	13397767	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardBatteryTooOld RSB S2: Remote Ctrl. Card Battery Too Old	13397768	INFORMATIONAL	%s	
wfmRSBS2RemoteCtrlCardCertificateExpiresInDays RSB S2: Remote Ctrl. Card Certificate Expires in Days	13397769	INFORMATIONAL	%s	
wfmFSCRompilotError FSC: Rompilot error	14708640	INFORMATIONAL	%s	
wfmNoMemIdentInfo No memory module ident info	14774016	INFORMATIONAL	%s	
wfmFSCNonFSCMemoryModuleDetected FSC: Non FSC memory module detected	14774176	INFORMATIONAL	%s	
wfmFSCMemoryModuleReplaced FSC: Memory module replaced	14774177	MAJOR	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmFSCSystemPoweredOnReason FSCSystem powered on reason	14839712	INFORMATIONAL	%s	
wfmFSCNoUsableCPU FSC: No usable CPU	14905090	CRITICAL	%s	
wfmFSCSystemConfigurationDataError FSC: System configuration Data error	14970624	MAJOR	%s	
wfmFSCResourceConflict FSC: Resource Conflict	14970785	MAJOR	%s	
wfmFSCIRQNotConfigured FSC: IRQ not configured	14970786	MAJOR	%s	
wfmFSCDeviceNodeAllocationError FSC: Device node allocation error	14970787	MAJOR	%s	
wfmFSCExpansionROMSlotNotInitialized FSC: Expansion ROM Slot not initialized	14970788	MAJOR	%s	
wfmFSCFanONRunning FSC: Fan ON, running	15101696	INFORMATIONAL	%s	
wfmFSCFanFailed FSC: Fan failed	15101697	CRITICAL	%s	
wfmFSCFanPrefailure FSC: Fan pre-failure	15101698	MAJOR	%s	
wfmFSCRedundantFanFailed FSC: Redundant fan failed	15101699	MAJOR	%s	
wfmFSCFanNotManageable FSC: Fan not manageable	15101700	INFORMATIONAL	%s	
wfmFSCFanNotInstalled FSC: Fan not installed	15101701	INFORMATIONAL	%s	
wfmFSCPowerSupplyNotPresent FSC: Power supply not present	15232768	INFORMATIONAL	%s	
wfmFSCPowerSupplyOK FSC: Power supply OK	15232769	INFORMATIONAL	%s	
wfmFSCPowerSupplyFailed FSC: Power supply Failed	15232770	MAJOR	%s	
wfmFSCPowerSupplyACFail FSC: Power supply AC fail	15232771	CRITICAL	%s	
wfmFSCPowerSupplyDCFail FSC: Power supply DC fail	15232772	MAJOR	%s	
wfmFSCPowerSupplyCritTemp FSC: Power supply Crit. Temp.	15232773	MAJOR	%s	
wfmFSCPowerSupplyNotManageable FSC: Power supply not manageable	15232774	INFORMATIONAL	%s	

table: INTEL-WFM-MIB Trap (ENTERPRISE : enterprises.3183.1.1)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
wfmFSCPowerSupplyRedundancyPresent FSC: Power supply redundancy present	15298304	INFORMATIONAL	%s	
wfmFSCPowerSupplyRedundancyLost FSC: Power supply redundancy lost	15331072	MAJOR	%s	

B.37   EM4513-MIB (unicorn-trap.mib)

Trap from EM4513-MIB.

table: EM4513-MIB Trap (ENTERPRISE : enterprises.259.6.10.39)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
swTemperatureOverHeatTrap Temperature over heat	1	CRITICAL	Temperature in chasis is too high.	

B.38   NET-SNMP-MIB (net-snmp.mib)

Traps from Linux Net-SNMP.

table: NET-SNMP-MIB Trap (ENTERPRISE : enterprises.8072.4)

TRAP-TYPE/ Alarm type	Specific	Level of importance	Detailed Messages (%d: optional number %s: system variable)	Remarks
nsNotifyStart The agent has started running.	1	INFORMAT IONAL	An indication that the agent has started running.	
nsNotifyShutdown The agent is in the process of being shut down.	2	INFORMAT IONAL	An indication that the agent is in the process of being shut down.	
nsNotifyRestart The agent has been restarted.	3	INFORMAT IONAL	An indication that the agent has been restarted.	