

NEC iLO IML/SNMP Trap List

This document is the list of iLO's IML and SNMP Alert information of NEC Express5800 Server.

Explanation of items

○IML Information

- iLO Version: Events's iLO version.
- CLASS: Events's class.
- CODE: Event's code.
- Default Severity: Event's severity.
- Description: Event's detail information. %1 or %2 will have an appropriate values in the actual events.
- Express Alert Service: Shows the information whether the item will be sent to NEC Service Center or not with Express Alert Service or IML based Express Alert Service(MG).
- * Refer to the Express Alert Service(MG) column in SNMP Trap Information if you use SNMP Trap based Express alert Service(MG).

○SNMP Trap Information

- Express Alert Service(MG): Shows the information whether the item will be sent to NEC Service Center with Express Alert Service(MG) or not.

* Refer to the Express Alert Service column in IML information if you use IML based Express Alert Service(MG).

Explanatory note for the color of "Express Alert Service(MG)".

 Supported by Express Alert Service and IML based Express Alert Service(MG), but Not supported by SNMP Trap based Express Alert Service(MG). POST Error.

 Supported by Express Alert Service and IML based Express Alert Service(MG), but Not supported by SNMP Trap based Express Alert Service(MG).

 Not supported by Express Alert Service and IML based Express Alert Service(MG), but Supported by SNMP Trap based Express Alert Service(MG), maintenance is not required.

- SNMP Trap ID: OID information in SNMP Trap.

- Event ID: Event ID information shown in NEC ESMPRO Manager's Alert Viewer.

- Severity: Severity information shown in NEC ESMPRO Manager's Alert Viewer.

- Summary: Summary information shown in NEC ESMPRO Manager's Alert Viewer.

- Detail: Detail information shown in NEC ESMPRO Manager's Alert Viewer.

IML Information						SNMP Trap Information					
iLO Version	CLASS	CODE	Default Severity	Description	Express Alert Service*	Express Alert Service(MG)*	SNMP Trap ID	EventID	Severity	Summary	Description
1.10~	0x1	0x1	Information	Test IML Event: %1	—	—	11003	80002AFB	minor	Generic trap	%s
1.10~	0x2	0x13	Caution	System Overheating (Temperature Sensor %1, Location %2, Temperature %3)	◎	—	6042	4000179A	information	Thermal Status OK	Temperature normal on chassis %d, location %d.
						◎	6041	C0001799	major	Thermal Status Degraded	Temperature out of range on chassis %d, location %d. Shutdown may occur.
1.10~	0x2	0x14	Caution	External Chassis Overheating (Chassis %1, Temperature Sensor %2, Location %3, Temperature %4)	◎	—	6042	4000179A	information	Thermal Status OK	Temperature normal on chassis %d, location %d.
						◎	6041	C0001799	major	Thermal Status Degraded	Temperature out of range on chassis %d, location %d. Shutdown may occur.
1.10~	0x2	0x15	Caution	%1 Storage System Overheating (%2Slot %3, Temperature Sensor %4, Location %5, Temperature %6)	◎	—	6042	4000179A	information	Thermal Status OK	Temperature normal on chassis %d, location %d.
						◎	6041	C0001799	major	Thermal Status Degraded	Temperature out of range on chassis %d, location %d. Shutdown may occur.
1.10~	0x2	0x16	Caution	%1 Overheating (Temperature Sensor %2, Location %3, Temperature %4, %5)	◎	—	6042	4000179A	information	Thermal Status OK	Temperature normal on chassis %d, location %d.
						◎	6041	C0001799	major	Thermal Status Degraded	Temperature out of range on chassis %d, location %d. Shutdown may occur.
1.10~	0x2	0x17	Critical	Fan Failure (Fan %1, Location %2)	◎	◎	6036	C0001794	major	Fan Failed	The fan failed on chassis %d, fan %d.

1.10~	0x2	0x18	Critical	External Chassis Fan Failure (Chassis %1, Fan %2, Location %3)	◎	◎	6036	C0001794	major	Fan Failed	The fan failed on chassis %d, fan %d.
1.10~	0x2	0x19	Critical	%1 Storage System Fan Failure (%2 Slot %3, Fan %4, Location %5)	◎	◎	6036	C0001794	major	Fan Failed	The fan failed on chassis %d, fan %d.
1.10~	0x2	0x1a	Critical	%1 Fan Failure (Fan %2, Location %3, %4)	◎	◎	6035	C0001793	major	Fan Degraded	The fan degraded on chassis %d, fan %d.
						◎	6036	C0001794	major	Fan Failed	The fan failed on chassis %d, fan %d.
1.10~1.20	0x2	0x1b	Information	System Fan Removed (Fan %1, Location %2)	—	—	6039	80001797	minor	Fan Removed	The fan has been removed on chassis %d, fan %d.
1.30~	0x2	0x1b	Critical	System Fan Removed (Fan %1, Location %2)	—	—	6039	80001797	minor	Fan Removed	The fan has been removed on chassis %d, fan %d.
1.10~	0x2	0x1c	Information	External Chassis Fan Removed (Chassis %1, Fan %2, Location %3)	—	—	6039	80001797	minor	Fan Removed	The fan has been removed on chassis %d, fan %d.
1.10~	0x2	0x1d	Information	%1 Storage System Fan Removed (%2Slot %3, Fan %4, Location %5)	—	—	6039	80001797	minor	Fan Removed	The fan has been removed on chassis %d, fan %d.
1.10~	0x2	0x1e	Information	%1 Fan Removed (Fan %2, Location %3, %4)	—	—	6039	80001797	minor	Fan Removed	The fan has been removed on chassis %d, fan %d.
1.10~	0x2	0x1f	Information	System Fan Inserted (Fan %1, Location %2)	—	—	6038	40001796	information	Fan Inserted	The fan has been inserted on chassis %d, fan %d.
1.10~	0x2	0x20	Information	External Chassis Fan Inserted (Chassis %1, Fan %2, Location %3)	—	—	6038	40001796	information	Fan Inserted	The fan has been inserted on chassis %d, fan %d.
1.10~	0x2	0x21	Information	%1 Storage System Fan Inserted (%2Slot %3, Fan %4, Location %5)	—	—	6038	40001796	information	Fan Inserted	The fan has been inserted on chassis %d, fan %d.
1.10~	0x2	0x22	Information	%1 Fan Inserted (Fan %2, Location %3, %4)	—	—	6038	40001796	information	Fan Inserted	The fan has been inserted on chassis %d, fan %d.
1.10~	0x2	0x23	Caution	System Fans Not Redundant (Location %1)	—	—	6055	400017A7	information	Fan Redundancy Restored	The fans are now redundant on chassis %d.
						◎	6037	80001795	minor	Fan Redundancy Lost	The fans are no longer redundant on chassis %d.
1.10~	0x2	0x24	Caution	External Chassis Fans Not Redundant (Chassis %1, Location %2)	◎	—	6055	400017A7	information	Fan Redundancy Restored	The fans are now redundant on chassis %d.
						◎	6037	80001795	minor	Fan Redundancy Lost	The fans are no longer redundant on chassis %d.
1.10~	0x2	0x25	Caution	%1 Storage System Fans Not Redundant (%2Slot %3, Location %4)	◎	—	6055	400017A7	information	Fan Redundancy Restored	The fans are now redundant on chassis %d.
						◎	6037	80001795	minor	Fan Redundancy Lost	The fans are no longer redundant on chassis %d.
1.10~	0x2	0x26	Caution	%1 Fans Not Redundant (Location %2, %3)	◎	—	6055	400017A7	information	Fan Redundancy Restored	The fans are now redundant on chassis %d.
						◎	6037	80001795	minor	Fan Redundancy Lost	The fans are no longer redundant on chassis %d.
1.10~	0x2	0x27	Critical	Critical Temperature Threshold Exceeded	◎	◎	6040	C0001798	major	Thermal Failure	Temperature exceeded on chassis %d, location %d.

1.10~	0x2	0x28	Critical	Critical Temperature Threshold Exceeded (Temperature Sensor %1, Location %2, Temperature %3C %4)	☉	☉	6040	C0001798	major	Thermal Failure	Temperature exceeded on chassis %d, location %d.
1.10~	0x2	0x29	Critical	External Chassis Overheating (Chassis %1, Temperature Sensor %2, Location %3, Temperature %4)	☉	None	None	None	None	None	None
1.10~	0x2	0x2a	Critical	%1 Storage System Overheating (%2Slot %3, Temperature Sensor %4, Location %5, Temperature %6)	☉	None	None	None	None	None	None
1.10~	0x2	0x2b	Critical	%1 Overheating (Temperature Sensor %2, Location %3, Temperature %4, %5)	☉	None	None	None	None	None	None
1.10	0x2	0x2c	Critical	Temperature exceeded on PCIe disk %1.	☉	—	1016	400003F8	information	PCIe Disk Thermal Status OK	The temperature of the PCIe disk at location %s is normal.
						☉	1015	C00003F7	major	PCIe Disk Thermal Failure	The temperature of the PCIe disk at location %s has crossed the upper critical threshold.
1.15	0x2	0x2c	Critical	Temperature exceeded on PCIe disk %1.	☉	None	None	None	None	None	None
1.10~	0x2	0x2d	Information	Intrusion Alert Hardware installed.	—	—	2014	400007DE	information	System intrusion hardware installed	System intrusion hardware installed.
1.10~	0x2	0x2e	Caution	#ILO had detected the removal of the Intrusion Alert hardware.	—	—	2015	400007DF	information	System intrusion hardware removed	System intrusion hardware removed.
1.10~	0x2	0x2f	Caution	Intrusion Alert Detection - The server chassis hood is currently not installed.	—	—	2001	800007D1	minor	System hood is removed	Hood is removed from unit.
1.10~	0x2	0x30	Information	The chassis hood has been replaced.	—	—	2016	400007E0	information	System hood is replaced	Hood is replaced.
1.10~	0x2	0x31	Critical	%1 Storage Enclosure Fan Failure (Fan %2, Location %3, Box %4, %5)	☉	None	None	None	None	None	None
1.10~	0x2	0x32	Caution	%1 Storage Enclosure Overheating (Temperature Sensor %2, Location %3, Box %4, %5)	☉	None	None	None	None	None	None
1.10~	0x2	0x33	Caution	Fan Degraded (Fan %1, Location %2)	—	☉	6035	C0001793	major	Fan Degraded	The fan degraded on chassis %d, fan %d.
1.10~	0x2	0x34	Critical	Insufficient Fan Solution	—	None	None	None	None	None	None
1.15~	0x2	0x35	Caution	Insufficient power supply configuration.	—	None	None	None	None	None	None
1.20~	0x2	0x36	Caution	Apollo Chassis Controller unresponsive	—	None	None	None	None	None	None
1.20~	0x2	0x37	Information	Power management module removed.	—	None	None	None	None	None	None

1.20~	0x2	0x38	Information	Server is operational again after thermal shutdown	—	—	6026	8000178A	minor	Server Operational	Server is operational again after thermal shutdown.
1.10~	0x5	0x3	Critical	Uncorrectable Machine Check Exception (%1 %2, APIC ID 0x%3, Bank 0x%4, Status 0x%5 %6, Address 0x%7 %8, Misc 0x%9 %10).	☉	☉	1006	800003EE	minor	Processor Monitor Event Trap	The state of the processor in slot %d is %d.
1.10~	0x6	0x3	Critical	Uncorrectable UPI Error was detected on Processor %1	☉	None	None	None	None	None	None
1.1	0x8	0x2	Critical	Uncorrectable PCI Express Error Detected. Slot %1 (Segment %2, Bus %3, Device %4, Function %5). Uncorrectable Error Status: %6	☉	None	None	None	None	None	None
1.15	0x8	0x2	Critical	Uncorrectable PCI Express Error Detected. Slot %1 (Segment %2, Bus %3, Device %4, Function %5). Uncorrectable Error Status: 0x%6	☉	None	None	None	None	None	None
1.1	0x8	0x3	Critical	Uncorrectable PCI Express Error Detected. Embedded %1 (Segment %2, Bus %3, Device %4, Function %5). Uncorrectable Error Status: %6	☉	None	None	None	None	None	None
1.15	0x8	0x3	Critical	Uncorrectable PCI Express Error Detected. Embedded %1 (Segment %2, Bus %3, Device %4, Function %5). Uncorrectable Error Status: 0x%6	☉	None	None	None	None	None	None
1.10~	0x8	0x4	Critical	Uncorrectable PCI Express Error Detected. Slot %1 (Segment %2, Bus %3, Device %4, Function %5).	☉	None	None	None	None	None	None
1.10~	0xa	0x101	Caution	Option ROM Error. An option ROM for a PCIe device is invalid.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x104	Caution	ASR Timer Failure	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x121	Critical	A Critical Error occurred prior to this power-up.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x218	Critical	DIMM Initialization Error - All DIMMs are mapped out due to memory errors except for one to allow the system to boot. Additional errors may be present on the remaining DIMM. System is booting in a degraded state.	☉	None	None	None	None	None	None
1.10~	0xa	0x224	Caution	Power Fault Detected - FlexLOM %1	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x225	Caution	Power Fault Detected-Mezzanine %1.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x226	Caution	Power Fault Detected - Embedded Storage Controller %1.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x227	Caution	Power Fault Detected - M.2 riser	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x244	Caution	IMPORTANT: The device in PCIe Slot %1 is SRIOV capable but is installed in a slot that does NOT support SRIOV.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x251	Caution	IMPORTANT: Switches SW1 and SW3 are ON. This is only used to recover %1 functionality.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x253	Information	IMPORTANT: One or more embedded PCIe Device(s) are attached to a non-installed processor and will not function.	-	None	None	None	None	None	None
1.10~	0xa	0x254	Information	IMPORTANT: The PCIe Device installed in Slot %1 has no corresponding processor installed and will not function.	-	None	None	None	None	None	None
1.10~	0xa	0x261	Caution	Server Platform Services Firmware requires update.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.20	0xa	0x264	Caution	Server Platform Services Firmware in Recovery Mode. SPS Firmware Update Switch I2 of the Maintenance Switch is in the ON position.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x266	Critical	Non-Volatile Memory Corruption Detected. Configuration settings restored to defaults. If enabled, Secure Boot security settings may be lost.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x267	Information	IMPORTANT: Default configuration settings have been restored at the request of the user.	-	None	None	None	None	None	None
1.10~	0xa	0x268	Caution	UEFI Non-Volatile Variable Store Corruption Detected. If enabled, Secure Boot security settings may be lost.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x269	Information	IMPORTANT: Default configuration settings have been restored per user request. If Secure Boot was enabled, related security settings may have been lost.	-	None	None	None	None	None	None
1.10~	0xa	0x270	Critical	%1 FW Communication Issue - Unable to communicate with %2 FW. Certain management functionality is not available.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x271	Information	%1 %2. DIMM %3 could not be authenticated as genuine %4. Enhanced and extended %5 features will not be active.	-	None	None	None	None	None	None
1.10~	0xa	0x272	Caution	IMPORTANT: %1 %2, DIMM %3 may not be a Genuine %4 DIMM.	-	None	None	None	None	None	None
1.10~	0xa	0x276	Information	Option Card Configuration Error. An option card is requesting more memory mapped I/O than is available.	-	None	None	None	None	None	None

1.10~	0xa	0x277	Information	Secure Boot Authentication Failure - The image on %1 failed authentication and was not executed.	—	None	None	None	None	None	None
1.10~	0xa	0x278	Information	Secure Boot Authentication Failure - The image on %1 was not authorized due to revoked certificate(s) and was not executed.	—	None	None	None	None	None	None
1.10~	0xa	0x281	Information	IMPORTANT: SW12 is ON indicating physical presence. This switch should only be ON to override certain security protections.	—	None	None	None	None	None	None
1.10~	0xa	0x282	Information	Invalid Server Serial Number and Product ID - The Serial Number and/or Product ID have been corrupted or lost.	—	None	None	None	None	None	None
1.10~	0xa	0x284	Critical	DIMM Failure - Uncorrectable Memory Error - %1 %2 Dimm %3	☉	None	None	None	None	None	None
1.10~	0xa	0x286	Information	IMPORTANT: The removal of a storage device has been detected. The device has been removed from the Boot Controller Order.	—	None	None	None	None	None	None
1.10~	0xa	0x287	Information	IMPORTANT: The removal of a network device has been detected. The device has been removed from the Standard Boot Order (IPL)	—	None	None	None	None	None	None
1.10~	0xa	0x288	Information	IMPORTANT: A new storage device has been detected and has been added to the end of the Boot Controller Order.	—	None	None	None	None	None	None
1.10~	0xa	0x289	Information	A new network or storage device has been detected. This device will not be shown in the Legacy BIOS Boot Order options in RBSU until the system has booted once.	—	None	None	None	None	None	None
1.10~	0xa	0x291	Caution	IMPORTANT: The Standard Boot Order (IPL) has been detected as corrupted and has been restored to default values.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x292	Caution	Invalid %1 Software RAID Configuration. %2 SW RAID Mode is NOT supported when the Boot Mode is configured for legacy BIOS Mode.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x297	Caution	IMPORTANT: %1 Security is disabled by the associated switch being set to the ON position. Platform security is DISABLED.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x311	Caution	%1 Configuration Error - The system has exceeded the installed battery capacity.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x312	Caution	%1 %2 Failure - Communication with the battery failed. Its output may not be enabled.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.20	0xa	0x313	Caution	%1 %2 Failure - Battery Shutdown Event Code: 0x%3.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x315	Critical	An uncorrectable memory error was detected prior to this system boot.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x319	Caution	An Unexpected Shutdown was detected prior to this boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x320	Caution	Enclosure Power Event detected. Boot delayed until condition is resolved.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x321	Caution	%1 Dual microSD Device Unsupported Configuration - A microSD card is not installed in Slot %2	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x322	Critical	%1 Dual microSD Device Unsupported Configuration - No microSD cards are installed.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x323	Caution	%1 Dual microSD Device Error - The microSD card in Slot %2 has failed.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x324	Critical	%1 Dual microSD Device Error - Both microSD cards have failed.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x325	Critical	%1 Dual microSD Device Error - microSD cards have conflicting metadata. Configuration required.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x326	Critical	%1 Dual microSD Device Error - The microSD card in Slot %2 has failed. A microSD card is not installed in Slot %3.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x327	Caution	AMP Configuration Error - An installed processor does NOT support the configured AMP Mode. System will operate in Advanced ECC Mode.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x328	Information	Power Management Controller Firmware Error - The firmware is in Recovery Mode.	☉	None	None	None	None	None	None
1.10~	0xa	0x329	Information	Power Management Controller FW Error - Unable to communicate with the FW.	☉	None	None	None	None	None	None
1.10~	0xa	0x333	Caution	%1 RESTful API Error - Unable to communicate with %2 FW. BIOS configuration resources may not be up-to-date.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x334	Caution	%1 RESTful API Error - RESTful API GET request failed (HTTP Status Code = %2). BIOS configuration resources were not consumed.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x335	Caution	%1 RESTful API Error - RESTful API PUT request failed (HTTP Status Code = %2). BIOS configuration resources may not be up-to-date.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x336	Caution	%1 RESTful API Error - One or more configuration settings could not be applied.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x337	Caution	%1 RESTful API Error - Unable to communicate with %2 FW due to Datacenter Configuration Lock being enabled. BIOS configuration resources may not be up-to-date.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x338	Caution	%1 RESTful API Error - Unable to communicate with %2 FW. BIOS configuration resources may not be up-to-date.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x340	Critical	NVDIMM Error - Backup Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). Persistent data backup failed and data is irrecoverably lost.	⊙	⊙	6076	C00017BC	major	NVDIMM Error - Backup Error	NVDIMM Error - Backup Error -Processor %d, DIMM %d (SN:%s-%s-%s-%s). Persistent data backup failed and data is irrecoverably lost.
1.10~	0xa	0x341	Critical	NVDIMM Error - Restore Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). Persistent data restore failed and data is not available. Data is not lost unless the issue persists.	⊙	⊙	6077	C00017BD	major	NVDIMM Error - Restore Error	NVDIMM Error - Restore Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). Persistent data restore failed and data is not available. Data is not lost unless the issue persists.
1.10~	0xa	0x342	Critical	NVDIMM Error - Uncorrectable Memory Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). This NVDIMM will not be available to the operating system and data may have been lost.	⊙	⊙	6078	C00017BE	major	NVDIMM Error - Uncorrectable Memory Error	NVDIMM Error - Uncorrectable Memory Error -Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). This NVDIMM will not be available to the operating system and data may have been lost.
1.10~	0xa	0x343	Critical	IMPORTANT: NVDIMM backup power has been lost and a future backup is not possible. Data from the last successful backup is intact, but data modified after the last successful backup will be lost if power cannot be restored.	⊙	⊙	6079	C00017BF	major	NVDIMM Error - Backup Power Error	NVDIMM backup power has been lost and a future backup is not possible. Data from the last successful backup is intact, but data modified after the last successful backup will be lost if power cannot be restored.
1.10~	0xa	0x344	Critical	NVDIMM Error - NVDIMM Controller Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). An error was found with the NVDIMM controller. The OS will not use the NVDIMM. Data from last successful backup is still available, but will be lost if controller error persists.	⊙	⊙	6080	C00017C0	major	NVDIMM Error - NVDIMM Controller Error	NVDIMM Error - NVDIMM Controller Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). An error was found with the NVDIMM controller. The OS will not use the NVDIMM. Data from last successful backup is still available, but will be lost if controller error persists.
1.10~	0xa	0x345	Critical	NVDIMM Error - Erase Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM could not be erased by the NVDIMM controller FW and future backups are not possible.	⊙	⊙	6081	C00017C1	major	NVDIMM Error - Erase Error	NVDIMM Error - Erase Error -Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM could not be erased by the NVDIMM controller firmware and future backups are not possible.
1.10~	0xa	0x346	Critical	NVDIMM Error - Arming Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM could not be armed and future backups are not possible.	⊙	⊙	6082	C00017C2	major	NVDIMM Error - Arming Error	NVDIMM Error - Arming Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM could not be armed and future backups are not possible.
1.10~	0xa	0x351	Information	IMPORTANT: %1 is not charged sufficiently to support the energy-backed persistent memory installed in the system. The system will wait for the battery to charge sufficiently before continuing boot.	-	-	6094	800017CE	minor	NVDIMM Battery Not Charged - Wait	NVDIMM Battery is not charged sufficiently to support the energy-backed persistent memory installed in the system. The system will wait for the battery to charge sufficiently before continuing boot.
1.10~	0xa	0x352	Information	IMPORTANT: %1 is not charged sufficiently to support the energy-backed persistent memory installed in the system. System configured to not wait for battery to charge. Persistent memory regions may not be available in the OS.	-	-	6095	800017CF	minor	NVDIMM Battery Not Charged - No Wait	NVDIMM Battery is not charged sufficiently to support the energy-backed persistent memory installed in the system. System configured to not wait for battery to charge. Persistent memory regions may not be available in the OS.
1.10~	0xa	0x353	Critical	IMPORTANT: Possible Password Corruption. The PW authentication algorithm detected an issue which has been corrected.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x354	Caution	Unsupported NVDIMM-N Configuration Detected - Processor %1 DIMM %2. The installed NVDIMM-N is not supported.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.

1.10~	0xa	0x355	Information	IMPORTANT: Processor %1, DIMM %2 - This NVDIMM-N was selected for Sanitizing/Erasing. All data saved in the NVDIMM has been erased.	-	-	6083	800017C3	minor	NVDIMM Error - Sanitization Ok	Processor %d, DIMM %d. This NVDIMM-N was selected for Sanitizing/Erasing. All data saved in the NVDIMM has been erased.
1.10~	0xa	0x356	Critical	NVDIMM Error - Sanitization Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6) - This NVDIMM-N was selected for Sanitizing/Erasing, but this process was not successful.	⊙	⊙	6084	C00017C4	major	NVDIMM Error - Sanitization Error	NVDIMM Error - Sanitization Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). This NVDIMM-N was selected for Sanitizing/Erasing, but this process was not successful.
1.10~	0xa	0x357	Critical	IMPORTANT: Processor %1, DIMM %2 - This NVDIMM is NOT a %3 NVDIMM. Only %4 NVDIMMs are supported. NVDIMM will be used as a standard DIMM.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x360	Caution	IMPORTANT: The System Programmable Logic Device revision in this system does not meet minimum requirements for operation with NVDIMMs. All NVDIMM functionality has been disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x361	Caution	IMPORTANT: The Processor RAPL wattage value is configured to an invalid value. User provided value was %1, but %2 has been assigned since it is closest to %3.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x362	Caution	IMPORTANT: The DRAM RAPL wattage value is configured to an invalid value. User provided value was %1, but %2 has been assigned since it is closest to %3.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x363	Caution	IMPORTANT: New NVDIMM(s) detected on Processor %1. All NVDIMMs on Processor %2 have been disabled.	-	None	None	None	None	None	None
1.10~	0xa	0x364	Critical	NVDIMM Error - NVDIMM Controller Error - Processor %1, DIMM %2. The controller firmware has been corrupted. The OS will not use the NVDIMM.	⊙	⊙	6085	C0001705	major	NVDIMM Error - Controller Firmware Error	NVDIMM Error - NVDIMM Controller Error - Processor %d, DIMM %d. The controller firmware has been corrupted. The OS will not use the NVDIMM.
1.10~	0xa	0x371	Caution	IMPORTANT: Processor %1, DIMM %2. New NVDIMM detected and has been disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x372	Caution	IMPORTANT: Processor %1, DIMM %2. New NVDIMM detected and has been disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x373	Caution	IMPORTANT: NVDIMM(s) have been removed from Processor %1. All NVDIMMs on Processor %2 have been disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x374	Critical	NVDIMM Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6) received a memory initialization or uncorrectable error. All NVDIMMs on Proc %7 are disabled. Data on NVDIMM may have been lost	⊙	⊙	6086	C0001706	major	NVDIMM Error with Interleave On	Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). Received a memory initialization or uncorrectable error. All NVDIMMs on Processor %d are disabled. Data on NVDIMM may have been lost.
1.10~1.15	0xa	0x375	Critical	NVDIMM Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6) received a memory initialization or uncorrectable error. All NVDIMMs on Proc %7 are disabled. Data on NVDIMM may have been lost.	⊙	⊙	6087	C00017C7	major	NVDIMM Error with Interleave Off	Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM has received a memory initialization or uncorrectable error. NVDIMM has been disabled. Data on NVDIMM may have been lost.

1.20	0xa	0x375	Critical	NVDIMM Error – Processor %1, DIMM %2 (SN:%3-%4-%5-%6) received a memory initialization or uncorrectable error. NVDIMM has been disabled. Data on NVDIMM may have been lost.	☉	☉	6087	C00017C7	major	NVDIMM Error with Interleave Off	Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM has received a memory initialization or uncorrectable error. NVDIMM has been disabled. Data on NVDIMM may have been lost.
1.10~	0xa	0x376	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM set for interleaving disabled but system configured for interleaving enabled. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x377	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM set for interleaving enabled but system configured for interleaving disabled. NVDIMM has been disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x378	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM is configured for a different processor type. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x379	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM is configured for a different processor type. NVDIMM has been disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x380	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM location changed. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x381	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM location changed. NVDIMM has been disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x382	Caution	NVDIMM Error – Proc %1, DIMM %2 is NOT configured for Sub-NUMA Clustering but system is configured for Sub-NUMA Clustering. All NVDIMMs on Proc %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x383	Caution	NVDIMM Error – Proc %1, DIMM %2 is configured for Sub-NUMA Clustering but system is NOT configured for Sub-NUMA Clustering. All NVDIMMs on Proc %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x384	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM set for Channel Interleaving disabled but system configured for enabled. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x385	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM set for Channel Interleaving enabled but system configured for disabled. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x386	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM Metadata is corrupted. All NVDIMMs on Processor %3 are disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x387	Caution	NVDIMM Error – Processor %1, DIMM %2. NVDIMM Metadata is corrupted. NVDIMM is disabled.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.

1.10~	0xa	0x388	Caution	Uncorrectable Memory Error - The failed memory module could not be determined.	☉	☉	6096	800017D0	minor	Uncorrectable Memory Error	Uncorrectable Memory Error - The failed memory module could not be determined.
1.10~	0xa	0x391	Caution	NVDIMM Configuration Error - Node Interleaving is Enabled. This is NOT supported with NVDIMMs installed. All NVDIMMs are disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x392	Caution	NVDIMM Configuration Error - The Advanced Memory Protection mode is not Advanced ECC. Only Advanced ECC is supported with NVDIMMs. All NVDIMMs are disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x393	Caution	IMPORTANT: New NVDIMM(s) detected and all NVDIMMs have been disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x394	Critical	NVDIMM Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). Unable to set event notification for this NVDIMM to generate alerts for health changes, including a loss of data persistency.	☉	☉	6088	C00017C8	major	NVDIMM Error - Controller Event Notify Error	NVDIMM Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). Unable to set event notification for this NVDIMM to generate alerts for health changes, including a loss of data persistency.
1.10~	0xa	0x395	Critical	NVDIMM Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM Persistency is lost and future data backup is not available.	☉	☉	6089	C00017C9	major	NVDIMM Error - Persistency Lost	NVDIMM Error - Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM Persistency is lost and future data backup is not available.
1.10~	0xa	0x396	Information	IMPORTANT: Processor %1, DIMM %2 - NVDIMM Persistency is restored and future data backup is available.	-	-	6090	400017CA	information	NVDIMM Error - Persistency Restored	NVDIMM Error - Processor %d, DIMM %d. NVDIMM Persistency is restored and future data backup is available.
1.1	0xa	0x397	Caution	WARNING: Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM lifetime has reached.	☉	☉	6091	800017CB	minor	NVDIMM Lifecycle Warning	Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM lifetime has reached.
1.15~	0xa	0x397	Caution	WARNING: Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM lifetime has been reached.	☉	☉	6091	800017CB	minor	NVDIMM Lifecycle Warning	Processor %d, DIMM %d (Serial no. %s-%s-%s-%s). NVDIMM lifetime has reached.
1.10~	0xa	0x398	Caution	NVDIMM Configuration Error - Processor %1, DIMM %2 (SN:%3-%4-%5-%6). Backup power is not available to this DIMM slot. NVDIMM is disabled.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x399	Information	INFORMATION: Processor %1, DIMM %2 (SN:%3-%4-%5-%6). Extended Diagnostic Information (Data1 = 0x%7, Data2 = 0x%8, Data3 = 0x%9, Data4 = 0x%10).	-	None	None	None	None	None	None
1.10~	0xa	0x400	Caution	Intrusion Alert Detection - The server chassis hood is currently not installed.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x401	Caution	Intrusion Alert Detection - The server chassis hood was removed prior to this power on.	-	-	2017	800007E1	minor	System hood has been removed when power was off	Hood is removed from the unit when server power was off.
1.10~	0xa	0x402	Caution	Intrusion Alert Detection - The required intrusion detection cable is missing.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x403	Information	Intrusion Alert Configuration Error - Intrusion Alert Detection cable is installed but the feature is not enabled.	—	None	None	None	None	None	None
1.10~	0xa	0x410	Caution	Innovation Engine Error - The Innovation Engine is not operating properly. (Error Code %1).	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x411	Critical	Innovation Engine Error - The Innovation Engine is operating in recovery mode.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x414	Caution	Server Platform Services Firmware Error - The SPS Firmware is not operating properly. (Error Code %1).	☉	None	None	None	None	None	None
1.20~	0xa	0x415	Caution	IMPORTANT: The Innovation Engine Firmware revision in this system does not meet minimum requirements for operation with NVDIMMs. All NVDIMM functionality has been disabled.	—	None	None	None	None	None	None
1.10~	0xa	0x420	Critical	TLS certificate verification error 0x%1 while downloading from %2:%3.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x421	Critical	TLS certificate verification failed due to hostname mismatch.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x422	Critical	TLS certificate verification failed. The passed certificate is self-signed and the same certificate cannot be found in the list of trusted certificates.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x423	Critical	TLS certificate verification failed. The issuer certificate of a looked up certificate could not be found. This normally means the list of trusted certificates is not complete.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x424	Information	No TLS certificate enrolled. At least one certificate authority must be enrolled when TLS verification mode is set to PEER.	—	None	None	None	None	None	None
1.10~	0xa	0x430	Critical	Scalable Persistent Memory uncorrectable memory error on %1 Logical NVDIMM %2. The memory region will not be available to the OS and data may have been lost.	☉	☉	6092	800017CC	minor	Logical NVDIMM Errors Occurred	Logical NVDIMM Errors Occurred.
1.10~	0xa	0x431	Critical	Scalable Persistent Memory backup failed on %1 Logical NVDIMM %2. Persistent data has been lost.	☉	☉	6092	800017CC	minor	Logical NVDIMM Errors Occurred	Logical NVDIMM Errors Occurred.
1.10~	0xa	0x432	Critical	Scalable Persistent Memory restore failed for %1 Logical NVDIMM %2. Persistent data may have been lost.	☉	☉	6092	800017CC	minor	Logical NVDIMM Errors Occurred	Logical NVDIMM Errors Occurred.
1.10~	0xa	0x433	Critical	Scalable Persistent Memory backup device failure on Box %1 Bay %2. Persistent data may have been lost.	☉	None	None	None	None	None	None

1.10~	0xa	0x434	Critical	Scalable Persistent Memory configuration data on backup device Box %1 Bay %2 is invalid. Persistent data may be lost.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x435	Critical	Scalable Persistent Memory backup device on Box %1 Bay %2 is missing.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x437	Caution	Scalable Persistent Memory backup media write error on %1 Logical NVDIMM %2. Persistent data may have been lost.	☉	☉	6092	800017CC	minor	Logical NVDIMM Errors Occurred	Logical NVDIMM Errors Occurred.
1.10~	0xa	0x438	Caution	Scalable Persistent Memory backup media read error on %1 Logical NVDIMM %2. Persistent data may have been lost.	☉	☉	6092	800017CC	minor	Logical NVDIMM Errors Occurred	Logical NVDIMM Errors Occurred.
1.10~	0xa	0x439	Caution	New Scalable Persistent Memory configuration rejected. System has reverted to the previous configuration.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0xa	0x440	Critical	Persistent Memory Address Range Scrub has detected an error at 0x%1 %2.	☉	☉	6097	C00017D1	major	Persistent Memory Address Range Scrub has detected an error	Persistent Memory Address Range Scrub has detected an error.
1.10~1.20	0xa	0x441	Caution	NVDIMM Configuration Error - Scalable Persistent Memory functionality is not supported when NVDIMM-N is present in the system. Scalable Persistent Memory functionality has been disabled.	—	None	None	None	None	None	None
1.30~	0xa	0x441	Caution	NVDIMM Configuration Error - Scalable Persistent Memory functionality is not supported when an NVDIMM-N is present in the system. Scalable Persistent Memory functionality has been disabled.	—	None	None	None	None	None	None
1.10~	0xa	0x442	Caution	Scalable Persistent Memory backup media write error on Box %1 Bay %2. Persistent data may have been lost.	☉	None	None	None	None	None	None
1.10~	0xa	0x443	Caution	Scalable Persistent Memory backup media read error on Box %1 Bay %2. Persistent data may have been lost.	☉	None	None	None	None	None	None
1.10~	0xa	0x444	Critical	Scalable Persistent Memory arming error on %1. Logical NVDIMM %2. The Logical NVDIMM could not be armed and future backups are not possible.	☉	None	None	None	None	None	None
1.10~	0xa	0x445	Caution	Scalable Persistent Memory backup device error on Box %1 Bay %2.	☉	None	None	None	None	None	None
1.15~	0xa	0x446	Caution	IMPORTANT: The Scalable Persistent Memory backup power requirements have exceeded the available backup battery power. Logical NVDIMM persistency has been lost.	—	None	None	None	None	None	None

1.15~	0xa	0x447	Information	IMPORTANT: %1 is not charged sufficiently to support the energy-backed persistent memory installed in the system. The charging process was skipped by the user. Persistent memory regions may not be available in the OS.	—	None	None	None	None	None	None
1.15~	0xa	0x448	Information	IMPORTANT: %1 is not charged sufficiently to support the energy-backed persistent memory installed in the system. The charging process timed out and did not complete. Persistent memory regions may not be available in the OS.	—	None	None	None	None	None	None
1.15~	0xa	0x449	Caution	Scalable Persistent Memory Address Range Scrub error threshold exceeded on %1, Logical NVDIMM %2. Logical NVDIMM Persistency is lost and future data backups are not possible.	⊙	None	None	None	None	None	None
1.10~	0xa	0x451	Caution	Unsupported NVDIMM-N Configuration Detected - Processor %1 DIMM %2. The installed NVDIMM-N is not supported.	—	None	None	None	None	None	None
1.10~1.20	0xa	0x452	Critical	%1 FW Communication Issue - Unable to communicate with %2 FW. One or more configuration settings may be used from the last system boot. One or more configuration changes since the last boot may not have taken affect.	⊙	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.15~	0xa	0x454	Caution	NVDIMM Error - Persistent Memory Address Range Scrub error threshold exceeded on Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM Persistency is lost and future data backups are not possible.	⊙	None	None	None	None	None	None
1.15~	0xa	0x455	Caution	IMPORTANT: The %1 in Bay %2 will soon be incapable of supporting the Scalable Persistent Memory backup.	⊙	None	None	None	None	None	None
1.15~	0xa	0x456	Critical	IMPORTANT: The %1 in Bay %2 cannot support the Scalable Persistent Memory backup. Logical NVDIMM persistency has been lost.	⊙	None	None	None	None	None	None
1.10~	0xa	0x460	Caution	Correctable Memory Error Threshold Exceeded (%1 %2, DIMM %3).	⊙	None	None	None	None	None	None
1.10~	0xa	0x461	Caution	High rate of corrected memory errors, performance may be degraded (%1 %2, DIMM %3).	⊙	None	None	None	None	None	None
1.10~	0xa	0x463	Information	Mirrored Memory Engaged due to an Uncorrectable Memory Error (%1 %2, DIMM %3).	—	None	None	None	None	None	None
1.10~	0xa	0x464	Information	Online Spare Memory Copy Process Started for Faulty Module (%1 %2, DIMM %3).	—	None	None	None	None	None	None
1.10~	0xa	0x465	Information	Online Spare Memory Switchover Complete.	—	None	None	None	None	None	None
1.10~	0xa	0x466	Caution	Memory Channel Error - Correctable Memory Error Threshold Exceeded (%1 %2, Channel %3).	⊙	None	None	None	None	None	None
1.10~	0xa	0x467	Critical	Uncorrectable Error was detected on Processor %1.	⊙	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.20~	0xa	0x468	Caution	Memory Channel Error – Correctable Memory Error Threshold Exceeded (%1 %2, Channel %3).	☉	None	None	None	None	None	None
1.10~	0xa	0x470	Caution	SATA device on Controller %1 Port %2 is unresponsive.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x480	Information	IMPORTANT: Processor %1, DIMM %2 – NVDIMM-N firmware updated. Current version is %3.	—	None	None	None	None	None	None
1.10~	0xa	0x481	Caution	NVDIMM Error – Firmware Update Error – Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM-N firmware was not updated. Current version is %7.	—	None	None	None	None	None	None
1.10~	0xa	0x482	Caution	NVDIMM Error – Invalid Firmware Image Detected – Processor %1, DIMM %2 (SN:%3-%4-%5-%6). NVDIMM-N switching to backup image. Current version is %7.	—	None	None	None	None	None	None
1.1	0xa	0x483	Caution	NVDIMM Error – NVDIMM(s) cannot be initialized due to internal error (Code = %1). NVDIMM functionality might be impacted	☉	None	None	None	None	None	None
1.15~	0xa	0x483	Caution	NVDIMM Error – NVDIMM(s) cannot be initialized due to internal error (Code = %1). NVDIMM functionality might be impacted	☉	☉	6098	800017D2	minor	NVDIMM Error – Initialization Error	NVDIMM Error – NVDIMM(s) cannot be initialized due to internal error. NVDIMM functionality might be impacted.
1.10~	0xa	0x490	Critical	System Health Error. A critical system health error requires the system to be shutdown.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x491	Critical	System Health Error. A critical system health error has kept the system from booting. –System Halted!	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x500	Critical	ASR NMI Detected – The Automatic Server Recovery (ASR) NMI has been signaled (per the system configuration policy).	☉	None	None	None	None	None	None
1.10~	0xa	0x501	Critical	IPMI Watchdog NMI Detected – The IPMI Watchdog NMI has been signaled (per the system configuration policy).	☉	None	None	None	None	None	None
1.10~	0xa	0x502	Critical	Application Watchdog NMI Detected – The Application Watchdog NMI has been signaled (per the system configuration policy).	☉	None	None	None	None	None	None
1.15~	0xa	0x510	Information	The installed number of DIMMs on one or more processors results in an unbalanced memory configuration across memory controllers. This may result in non-optimal memory performance.	—	None	None	None	None	None	None
1.15~	0xa	0x511	Information	One or more DIMMs have been mapped out due to a memory error, resulting in an unbalanced memory configuration across memory controllers. This may result in non-optimal memory performance.	—	None	None	None	None	None	None
1.20~	0xa	0x520	Caution	Backplane Configuration Error: A storage controller is installed in the incorrect drive backplane. The controller will not be usable.	—	None	None	None	None	None	None
1.20~	0xa	0x521	Caution	Backplane Configuration Error: Unsupported drive backplane configuration detected.	—	None	None	None	None	None	None

1.30~	0xa	0x522	Caution	PCIe Isolation Event Detected - A PCIe device signaled an error and was disabled.	☉	None	None	None	None	None	None
1.20~	0xa	0x530	Information	Core Boost Technology Disabled.	—	None	None	None	None	None	None
1.20~	0xa	0x531	Caution	Core Boost Technology missing required iLO License.	—	None	None	None	None	None	None
1.10~	0xa	0x1626	Caution	Unsupported Power Supply Configuration - Unsupported Power Supply detected.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1636	Caution	%1 Trusted Platform Module Error.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1637	Critical	Unsupported Option Enabled - Platform Trust Technology (PTT) is not supported on this server. Earlier System ROM revisions allow enabling this option, but a chipset issue results in this feature not working reliably. PTT should be disabled.	—	None	None	None	None	None	None
1.10~	0xa	0x1700	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1703	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1705	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1707	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1708	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1709	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1711	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1713	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1714	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1715	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1716	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1717	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1718	Information	%1	—	None	None	None	None	None	None

1.10~	0xa	0x1719	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1720	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1724	Information	%1	—	None	None	None	None	None	None
1.20~	0xa	0x1726	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1727	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1728	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1729	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1733	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1735	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1737	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1738	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1739	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1744	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1745	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1749	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1754	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1764	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1768	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1769	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1770	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1774	Information	%1	—	None	None	None	None	None	None

1.10~	0xa	0x1777	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1778	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1779	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1783	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1784	Caution	%1	— (SAS) / © (MG)	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1785	Information	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1786	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1787	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1788	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1789	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1792	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1793	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1794	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1795	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1796	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1797	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1798	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1799	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x1804	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1805	Information	%1	—	None	None	None	None	None	None
1.10~	0xa	0x1808	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1809	Caution	Slot %1 Encryption Failure - Communication issue prevents drive keys from being retrieved. Encrypted logical drives are offline. System may not boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1810	Caution	Slot %1 Encryption Failure - Master Key is incorrect on or not retrieved from Remote Key Manager. Encrypted logical drives may be offline. System may not boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1811	Caution	Slot %1 Encryption Failure - Drive Keys not retrieved from the Remote Key Manager. Dependent encrypted logical drives are offline. System may not boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1812	Caution	Slot %1 Encryption Failure - Invalid Drive Keys on Remote Key Manager. Encrypted logical drives may be offline. System may not boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1813	Critical	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1814	Caution	Slot %1 Encryption Failure - Communication issue prevents keys from being retrieved. Dependent encrypted logical drives are offline. System may not boot.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1815	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1816	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1817	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1818	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1819	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1820	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1821	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x1822	Caution	Slot %1 Encryption Failure - Imported encrypted logical drives are offline. Matching Local Master Key required. System may not boot.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1823	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1824	Critical	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1825	Critical	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1826	Critical	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1831	Critical	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1832	Information	%1	-	None	None	None	None	None	None
1.10~	0xa	0x1833	Critical	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1834	Information	%1	-	None	None	None	None	None	None
1.10~	0xa	0x1900	Critical	Slot %1 Smart Array - Controller Failure. %2	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10	0xa	0x1901	Caution	Slot %1 Smart Array - Controller failed on previous power-up due to lock up code 0x%2	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.15~	0xa	0x1901	Information	Slot %1 Smart Array - Controller failed on previous power-up due to lock up code 0x%2	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1902	Caution	Slot %1 Smart Array - Controller not configured.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1903	Caution	Slot %1 Smart Array - Memory error occurred during self-test.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1904	Caution	Slot %1 Smart Array - Redundant ROM programming failure.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~1.15	0xa	0x1905	Information	Slot %1 Smart Array - Redundant ROM image checksum error. Backup ROM activated.	-	None	None	None	None	None	None
1.20~	0xa	0x1905	Caution	Slot %1 Smart Array - Redundant ROM image checksum error. Backup ROM activated.	-	None	None	None	None	None	None
1.10~	0xa	0x1906	Caution	Slot %1 Smart Array - Last configuration not committed. %2	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1910	Information	Slot %1 Smart Array - One or more drives could not be authenticated as genuine drives. Smart Array will not control the LEDs to these drives.	-	None	None	None	None	None	None
1.10~	0xa	0x1911	Caution	Slot %1 Smart Array - Drive(s) are failed: %2	- (SAS) / © (MG)	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1912	Caution	Slot %1 Smart Array - Drive(s) are overheated: %2	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1913	Information	Slot %1 Smart Array - Drive Erase Operation In Progress (or Queued). The following drive(s) will be erased upon completion: %2	-	None	None	None	None	None	None
1.10~	0xa	0x1914	Caution	Slot %1 Smart Array - Predictive drive failure: %2	-	None	None	None	None	None	None
1.10~	0xa	0x1920	Caution	Slot %1 Smart Array - Storage enclosure problem detected: %2. %3	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.15	0xa	0x1921	Caution	Slot %1 Smart Array - Storage enclosure firmware upgrade problem detected: %2. %3	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1921	Caution	Slot %1 Smart Array - Storage enclosure firmware problem detected: %2. %3	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x1922	Caution	Slot %1 Smart Array - More devices attached than this controller supports. Some devices are ignored.	-	None	None	None	None	None	None
1.10~	0xa	0x1930	Information	Slot %1 Smart Array - Valid data found in write-back Cache. Data will automatically be written to the logical drive(s).	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1931	Critical	Slot %1 Smart Array - Data in write-back cache has been lost.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10	0xa	0x1932	Caution	Slot %1 Smart Array - Write-back cache configuration error. %2	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.15~	0xa	0x1932	Caution	Slot %1 Smart Array - Cache Status: Disabled (Error Code: %2)	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1933	Caution	Slot %1 Smart Array - Consecutive power loss during I/O transactions on non-optimal write-back volumes. This might have resulted in data integrity issues.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10	0xa	0x1934	Caution	Slot %1 Smart Array - Battery is not present. Caching is disabled.	⊙	-	None	None	None	None	None
1.15~1.20	0xa	0x1934	Caution	Slot %1 Smart Array - Cache Status: Disabled (Error Code: Missing Battery)	⊙	None	None	None	None	None	None
1.30~	0xa	0x1934	Caution	Slot %1 Smart Array - Cache Status: Disabled (Error Code: Missing Energy Pack)	⊙	None	None	None	None	None	None
1.10	0xa	0x1935	Information	Slot %1 Smart Array - Battery is charging. Caching will be enabled once the battery has been charged.	-	-	None	None	None	None	None

1.15~1.20	0xa	0x1935	Information	Slot %1 Smart Array - Cache Status: Temporary Disabled (Error Code: Battery Charging)	—	None	None	None	None	None	None
1.30~	0xa	0x1935	Information	Slot %1 Smart Array - Cache Status: Temporary Disabled (Error Code: Energy Pack Charging)	—	None	None	None	None	None	None
1.10~1.15	0xa	0x1936	Critical	Slot %1 Smart Array - Cache Module Self-Test Error Occurred. %2	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1936	Critical	Slot %1 Smart Array - Cache Self-Test Error Occurred. %2	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10	0xa	0x1937	Caution	Slot %1 Smart Array - Battery is present but the controller battery cable is not attached.	—	—	None	None	None	None	None
1.15~1.20	0xa	0x1937	Caution	Slot %1 Smart Array - Cache Status: Disabled (Error Code: Missing Battery Cable)	—	None	None	None	None	None	None
1.30~	0xa	0x1937	Caution	Slot %1 Smart Array - Cache Status: Disabled (Error Code: Missing Controller Backup Power Cable)	—	None	None	None	None	None	None
1.10~1.15	0xa	0x1940	Caution	Slot %1 Smart Array - The following logical drives are failed: %2.	— (SAS) / ☉ (MG)	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1940	Critical	Slot %1 Smart Array - The following logical drives are failed: %2.	— (SAS) / ☉ (MG)	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x1941	Caution	Slot %1 Smart Array - The following logical drives are missing: %2	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.15	0xa	0x1942	Caution	Slot %1 Smart Array - Configured drive(s) are missing %2	— (SAS) / ☉ (MG)	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1942	Caution	Slot %1 Smart Array - Configured physical drives are missing: %2	— (SAS) / ☉ (MG)	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~1.15	0xa	0x1943	Caution	Slot %1 Smart Array - Not able to import logical drive(s).	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1943	Caution	Slot %1 Smart Array - Foreign configuration found on drive. Not able to import configuration to the controller.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.15	0xa	0x1944	Caution	Slot %1 Smart Array - Foreign configuration(s) found on adapter.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0xa	0x1944	Caution	Slot %1 Smart Array - Foreign configuration found on drive. Configuration mis-match between controller and drives.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2100	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2101	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2102	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2103	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2104	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2105	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2106	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2107	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2108	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2109	Caution	%1	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x2110	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2111	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2112	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2113	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2114	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2115	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2116	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2119	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2120	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2121	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2122	Caution	%1	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2150	Caution	Corrected Memory Error (%1 %2, DIMM %3, Address 0x%4' %5, Count %6)	—	None	None	None	None	None	None
1.10~	0xa	0x2200	Information	Secure Boot - Secure Boot has been enabled.	—	None	None	None	None	None	None
1.10~	0xa	0x2201	Caution	Secure Boot - Secure Boot has been disabled.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2202	Information	Secure Boot - A new Platform Key (PK) has been enrolled	—	None	None	None	None	None	None
1.10~	0xa	0x2203	Information	Secure Boot - A new entry in the Key Exchange Key (KEK) security database has been enrolled.	—	None	None	None	None	None	None
1.10~	0xa	0x2204	Information	Secure Boot - A new entry in the db security database has been enrolled.	—	None	None	None	None	None	None
1.10~	0xa	0x2205	Information	Secure Boot - A new entry in the dbx security database has been enrolled.	—	None	None	None	None	None	None

1.10~	0xa	0x2206	Information	Secure Boot - A new entry in the dbt security database has been enrolled.	-	None	None	None	None	None	None
1.10~	0xa	0x2207	Information	Secure Boot - All of the keys have been reset to defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2208	Information	Secure Boot - Key Exchange Keys (KEK) have been reset to the platform defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2209	Information	Secure Boot - Platform Keys (PK) have been reset to the platform defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2210	Information	Secure Boot - db keys have been reset to the platform defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2211	Information	Secure Boot - dbx keys have been reset to the platform defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2212	Information	Secure Boot - dbt keys have been reset to the platform defaults.	-	None	None	None	None	None	None
1.10~	0xa	0x2213	Caution	Secure Boot - All of the keys in the platform have been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2214	Caution	Secure Boot - The Platform Key (PK) Secure Boot variable has been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2215	Caution	Secure Boot - The Key Exchange Key (KEK) Secure Boot variable has been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2216	Caution	Secure Boot - The db Secure Boot variable has been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2217	Caution	Secure Boot - The dbx Secure Boot variable has been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2218	Caution	Secure Boot - The dbt Secure Boot variable has been deleted.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2219	Caution	Secure Boot - A Key Exchange Key (KEK) entry has been deleted from KEK database.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2220	Caution	Secure Boot - A db entry has been deleted from db database.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2221	Caution	Secure Boot - A dbx entry has been deleted from dbx database.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2222	Caution	Secure Boot - A dbt entry has been deleted from dbt database.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2223	Caution	Secure Boot - Unable to enable/disable secure boot. Only a physically present user can enable/disable Secure Boot.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x2224	Caution	Secure Boot - Unable to enroll a new entry.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2225	Caution	Secure Boot - Unable to reset one or more keys.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2226	Caution	Secure Boot - Unable to delete one or more variables.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2227	Caution	Secure Boot - Unable to delete one or more entries.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2319	Information	Test event. This is only a test.	-	None	None	None	None	None	None
1.10~	0xa	0x2400	Caution	Slot %1 SAN Error - SAN link is down. SAN connection not possible.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2401	Caution	Slot %1 SAN Error - Fabric Login (FLOGI) failed. SAN connection not possible.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2402	Caution	Slot %1 SAN Error - Name Server login failed. Boot from SAN not possible.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2403	Caution	Slot %1 SAN Error - No targets found. Boot from SAN not possible.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2404	Caution	Slot %1 SAN Error - Adapter restart failed. Firmware not ready. Boot from SAN not possible.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2405	Caution	Slot %1 Error - Vital Product Data (VPD) is not available.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2406	Caution	Slot %1 NIC Error - NIC personality (Ethernet, iSCSI, or FCoE) could not be changed. FW may require update.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2407	Caution	Slot %1 Error - The firmware update did not complete successfully.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2408	Caution	Slot %1 Error - Firmware image recovery not successful.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2409	Caution	Slot %1 Error - Failure to apply Virtual Connect (VC) settings.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2410	Caution	Slot %1 Error - Controller I/O timeout failure.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2411	Caution	%1: iSCSI Error - Failed to acquire DHCP client network address.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2412	Caution	%1: iSCSI Error - Failed to acquire DHCP target network address.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0xa	0x2413	Caution	%1: iSCSI Error - Failed to acquire DHCP iSNS Server IP address.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2414	Caution	%1: iSCSI Error - iSCSI login failed.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2415	Caution	%1: iSCSI Error - Boot LUN not available.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2416	Caution	%1: Error - Controller firmware not ready.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2419	Caution	%1 %2 Error - Rx/Tx is disabled on this device because an unsupported SFP+ or QSFP module type was detected.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2420	Caution	%1 %2 Error - The UEFI driver for the device detected an older version of the NVM image than expected.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2421	Caution	%1 %2 Error - The UEFI driver for the device detected a newer version of the NVM image than expected.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x2422	Caution	%1 %2 Error - The UEFI driver for the device stopped because the NVM image is newer than expected.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xa	0x3100	Information	Trusted Platform Module (TPM) was successfully bound to system.	—	None	None	None	None	None	None
1.10~	0xa	0x3101	Information	Unbound Trusted Platform Module (TPM) detected.	—	None	None	None	None	None	None
1.20~	0xa	0x3102	Caution	Unused Scalable Persistent Memory backup device detected in Box %1 Bay %2. This device will be available for operating system usage and will NOT be used for Scalable Persistent Memory backup.	—	None	None	None	None	None	None
1.20~	0xa	0x3103	Critical	NVDIMM Error: Unsupported NVDIMM-N configuration detected. All NVDIMMs are disabled.	—	None	None	None	None	None	None
1.20~	0xa	0x3105	Critical	Unsupported PCIe Card Configuration. The PCIe device installed in Slot %1 is not supported in the current location.	—	None	None	None	None	None	None
1.30~	0xa	0x3112	Information	IMPORTANT: The System Programmable Logic Device revision in this system does not meet minimum requirements for operation with HPE Scalable Persistent Memory. HPE Scalable Persistent Memory functionality has been disabled.	—	None	None	None	None	None	None
1.30~	0xa	0x3118	Caution	NVMDIMM Spare Blocks Alert - Processor %1 DIMM %2 - The NVMDIMM has %3 percent or less of its spare blocks remaining.	—	None	None	None	None	None	None
1.30~	0xa	0x3119	Critical	NVMDIMM Spare Blocks Alert - Processor %1 DIMM %2 - The NVMDIMM has 1 percent of its spare blocks remaining. Future errors on this NVMDIMM may result in loss of data.	☉	None	None	None	None	None	None
1.30~	0xa	0x3121	Critical	Transaction Timeout Error Detected. Slot %1 (Segment %2, Bus %3, Device %4, Function %5).	☉	None	None	None	None	None	None

1.30~	0xa	0x3127	Critical	Transaction Timeout Error Detected. Embedded %1 (Segment %2, Bus %3, Device %4, Function %5).	☉	None	None	None	None	None	None
1.30~	0xa	0x3128	Critical	The Scalable Persistent Memory backup operation has detected a failure on a backup device. The backup operation will be attempted using the remaining backup devices.	—	None	None	None	None	None	None
1.30~	0xa	0x3130	Information	IMPORTANT: The current power supply configuration setting is not recommended for the number of power supplies installed. Ensure that the Power Supply Requirements setting in Platform Configuration (RBSU) properly matches the number of installed power supplies.	—	None	None	None	None	None	None
1.10~	0xb	0x15	Caution	Mismatched Power Supply Installed	—	—	6049	C00017A1	major	Power Supply Degraded	The power supply is degraded on chassis %d, bay %d, status %d, model %s, serial number %s, firmware %s.
1.10~1.15	0xb	0x1b	Critical	System Board Power Protection Fault	☉	None	None	None	None	None	None
1.20~	0xb	0x1b	Critical	System Board Power Protection Fault	☉	☉	6104	C00017D8	major	Power Protection Fault	System Board Power Protection Fault Detected.
1.10~1.15	0xb	0x1c	Critical	Power Supply or Power Backplane Detection Error	☉	None	None	None	None	None	None
1.20~	0xb	0x1c	Critical	Power Supply or Power Backplane Detection Error	☉	☉	6103	800017D7	minor	Power Supply Error	No Power Supply or Power Backplane were Detected.
1.10~	0xb	0x1e	Caution	Smart Storage Battery Removed (Battery %1)	☉	☉	6071	800017B7	minor	System Battery Removed	The Battery Has Been Removed on Chassis %d, Index %d.
1.10~	0xb	0x24	Critical	Power On Denied (Service Information: %1)	—	—	6073	C00017B9	major	FRU device read error	FRU device read error, status %s.
1.10~	0xb	0x28	Caution	System Power Supply: %1 (Power Supply %2)	☉	—	6048	400017A0	information	Power Supply OK	The power supply is ok on bay %d, status %d, model %s, serial number %s, firmware %s.
						☉	6050	C00017A2	major	Power Supply Failed	The power supply is failed on chassis %d, bay %d, status %d, model %s, serial number %s, firmware %s.
1.10~	0xb	0x29	Caution	External Chassis Power Supply: %1 (Chassis %2, Power Supply %3)	☉	None	None	None	None	None	None

1.10~	0xb	0x2a	Caution	%1 Storage System Power Supply: %2 (%3Slot %4, Power Supply %5)	☉	None	None	None	None	None	None
1.10~	0xb	0x2b	Critical	%1 Power Supply: %2 (Power Supply %3, %4)	☉	None	None	None	None	None	None
1.10~	0xb	0x2c	Information	System Power Supply Removed (Power Supply %1)	—	—	6034	80001792	minor	Power Supply Removed	The power supply has been removed on chassis %d, bay %d.
1.10~	0xb	0x2d	Information	External Chassis Power Supply Removed (Chassis %1, Power Supply %2)	—	—	6034	80001792	minor	Power Supply Removed	The power supply has been removed on chassis %d, bay %d.
1.10~	0xb	0x2e	Information	%1 Storage System Power Supply Removed (Chassis %2 Slot %3, Power Supply %4)	—	—	6034	80001792	minor	Power Supply Removed	The power supply has been removed on chassis %d, bay %d.
1.10~	0xb	0x2f	Information	%1 Power Supply Removed (Power Supply %2, Enclosure Address %3)	—	—	6034	80001792	minor	Power Supply Removed	The power supply has been removed on chassis %d, bay %d.
1.10~	0xb	0x30	Information	%1 Power Supply Removed (Power Supply %2, Enclosure Serial Number %3)	—	—	6034	80001792	minor	Power Supply Removed	The power supply has been removed on chassis %d, bay %d.
1.10~	0xb	0x31	Information	System Power Supply Inserted (Power Supply %1)	—	—	6033	40001791	information	Power Supply Inserted	The power supply has been inserted on chassis %d, bay %d.
1.10~	0xb	0x32	Information	External Chassis Power Supply Inserted (Chassis %1, Power Supply %2)	—	—	6033	40001791	information	Power Supply Inserted	The power supply has been inserted on chassis %d, bay %d.
1.10~	0xb	0x33	Information	%1 Storage System Power Supply Inserted (Chassis %2 Slot %3, Power Supply %4)	—	—	6033	40001791	information	Power Supply Inserted	The power supply has been inserted on chassis %d, bay %d.
1.10~	0xb	0x34	Information	%1 Power Supply Inserted (Power Supply %2, Enclosure Address %3)	—	—	6033	40001791	information	Power Supply Inserted	The power supply has been inserted on chassis %d, bay %d.
1.10~	0xb	0x35	Information	%1 Power Supply Inserted (Power Supply %2, Enclosure Serial Number %3)	—	—	6033	40001791	information	Power Supply Inserted	The power supply has been inserted on chassis %d, bay %d.
1.10~	0xb	0x36	Caution	System Power Supplies Not Redundant	☉	—	6054	400017A6	information	Power Redundancy Restored	The power supplies are now redundant on chassis %d.
						☉	6032	80001790	minor	Power Redundancy Lost	The power supplies are no longer redundant on chassis %d.
1.10~	0xb	0x37	Caution	External Chassis Power Supplies Not Redundant (Chassis %1)	☉	—	6054	400017A6	information	Power Redundancy Restored	The power supplies are now redundant on chassis %d.
						☉	6032	80001790	minor	Power Redundancy Lost	The power supplies are no longer redundant on chassis %d.
1.10~	0xb	0x38	Caution	%1 Storage System Power Supplies Not Redundant (Chassis %2 Slot %3)	☉	—	6054	400017A6	information	Power Redundancy Restored	The power supplies are now redundant on chassis %d.
						☉	6032	80001790	minor	Power Redundancy Lost	The power supplies are no longer redundant on chassis %d.
1.10~	0xb	0x3a	Caution	%1 Power Supplies Not Redundant (Enclosure Serial Number %2)	☉	—	6054	400017A6	information	Power Redundancy Restored	The power supplies are now redundant on chassis %d.
						☉	6032	80001790	minor	Power Redundancy Lost	The power supplies are no longer redundant on chassis %d.
1.10~	0xb	0x3h	Caution	%1 Power Supplies Not Redundant (Enclosure Address %2)	☉	—	6054	400017A6	information	Power Redundancy Restored	The power supplies are now redundant on chassis %d.

1.10~	0xb	0x3b	Caution	System Power Supplies are no longer redundant (Chassis %d, Address %d)	☉	☉	6032	80001790	minor	Power Redundancy Lost	The power supplies are no longer redundant on chassis %d.
1.10~	0xb	0x3c	Critical	System Power Fault Detected (XR: %1 %2 MID: %3)	☉	None	None	None	None	None	None
1.10~	0xb	0x3d	Critical	System Power Fault Detected (XR: %1 %2 MID: %3)	☉	None	None	None	None	None	None
1.10~	0xb	0x3e	Caution	Smart Storage Battery failure (Battery %1, service information: %2).	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x3f	Caution	Smart Storage Battery did not charge at the expected rate, indicating a faulty battery (Battery %1, service information: 0x03)	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x40	Information	Smart Storage Battery disabled due to high ambient temperature, will be re-enabled when temp is lowered (Battery %1, service information: 0x04)	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x41	Caution	Smart Storage Battery discharged to below minimum voltage, resulting in the inability of the battery to recharge properly (Battery %1, service information: 0x05)	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x42	Caution	Smart Storage Battery has exceeded the maximum amount of devices supported (Battery %1, service information: 0x07)	—	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x43	Caution	Smart Storage Battery failure (Battery %1)	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.10~	0xb	0x44	Caution	%1 Storage Enclosure Power Supply Failure (Power Supply %2, Box %3, %4)	☉	None	None	None	None	None	None
1.10~	0xb	0x52	Caution	System Power Supply: %1 (Power Supply %2)	—	—	6048	400017A0	information	Power Supply OK	The power supply is ok on bay %d, status %d, model %s, serial number %s, firmware %s.
						—	6069	C00017B5	major	Power Supply AC Power Loss	The power supply AC power loss in bay %d, status %d, model %s, serial number %s, firmware %s.
1.10~	0xb	0x53	Caution	Power redundancy loss warning: server power: %1W exceeded the redundant power threshold: %2W	—	None	None	None	None	None	None

1.10~1.15	0xb	0x54	Caution	System Power Supply: %1 (Power Supply %2)	—	None	None	None	None	None	None
1.20~	0xb	0x54	Caution	System Power Supply: %1 (Power Supply %2)	—	—	6100	400017D4	information	System Power Supply Error Repaired	System Power Supply Repaired: (Power Supply chassis %d, bay %d)
						—	6099	800017D3	minor	System Power Supply Error	System Power Supply Error: %d (Power Supply chassis %d, bay %d)
1.10~1.15	0xb	0x55	Critical	Battery Backup Unit: %1 (Power Supply %2)	☉	None	None	None	None	None	None
1.20~	0xb	0x55	Caution	Battery Backup Unit: %1 (Power Supply %2)	☉	—	6102	400017D6	information	Battery Backup Unit Error Repaired	Battery Backup Unit Repaired: (Power Supply chassis %d, bay %d)
						—	6101	800017D5	minor	Battery Backup Unit Error	Battery Backup Unit Error: %d (Power Supply chassis %d, bay %d)
1.15~	0xb	0x56	Caution	Smart Storage Battery pre-failure (Battery %1)	☉	☉	6070	800017B6	minor	System Battery Failed	The Battery has either Failed or met a predictive failure condition on Chassis %d, Index %d, Status %d, Model %s, Serial Num %s, Spare Part %s.
1.15~	0xb	0x57	Information	The Battery Backup Unit in Power Supply bay %1 is discharging.	—	None	None	None	None	None	None
1.10~	0xd	0x1	Caution	ASR Detected by System ROM	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0xd	0x3	Caution	ASR Reset Limit Detected by System ROM	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~1.15	0xe	0x2	Critical	Automatic Operating System Shutdown %1	—	None	None	None	None	None	None
1.20~	0xe	0x2	Critical	Automatic Operating System Shutdown %1	—	—	9025	40002341	information	Cancelled Operating System Shutdown	Integrated Lights-Out cancelled previously initiated automatic operating system shutdown. Cause: %d .
						—	9024	80002340	minor	Automatic Operating System Shutdown	Integrated Lights-Out initiated an automatic operating system shutdown. Cause: %d .
1.10~	0xe	0x4	Information	A User initiated NMI Switch event detected	—	None	None	None	None	None	None
1.10~1.15	0xe	0x6	Information	A User initiated remote NMI Switch event detected	—	None	None	None	None	None	None
1.20~	0xe	0x6	Critical	A User initiated remote NMI Switch event detected	—	—	None	None	None	None	None
1.10~	0x11	0x8	Critical	Network Adapter Link Down (Slot %1, Port %2)	—	None	None	None	None	None	None

1.10~	0x11	0x9	Critical	Network Adapter Link Down (Chassis %1, Slot %2, Port %3)	—	None	None	None	None	None	None
1.20~	0x11	0xa	Critical	%1 Connectivity status changed to %2 for adapter in slot %3, port %4	—	—	18011	4000465B	information	NIC Connectivity Restored Trap	Connectivity is restored for adapter in slot %d, port %d.
						—	18012	8000465C	minor	NIC Connectivity Lost Trap	Connectivity lost for adapter in slot %d, port %d.
1.20~	0x11	0xb	Critical	Fibre Channel Host Controller has a new Status %1	—	—	16028	C0003E9C	major	Fibre Channel Host Controller Status Change	Host controller has a new status of %d.
1.20~	0x11	0xc	Caution	Redundancy status changed to %1 by adapter in slot %2, port %3	—	—	18013	4000465D	information	NIC Redundancy Increased Trap	Redundancy increased by adapter in slot %d, port %d.
						—	18014	8000465E	minor	NIC Redundancy Reduced Trap	Redundancy decreased by adapter in slot %d, port %d.
1.30~	0x11	0xd	Critical	All links are down in adapter %1 in slot %2	—	—	18015	8000465F	minor	NIC All Links Down	All links down in adapter in slot %d.
1.30~	0x11	0xe	Repaired	At least one of the links is up in adapter %1 in slot %2	—	—	18016	40004660	information	NIC All Links Down Repaired	At least a link repaired in adapter in slot %d.
1.20~	0x12	0x1	Information	iSCSI link/session is up	—	—	169001	40029429	information	iSCSI Link Up Trap	iSCSI Link up.
1.20~	0x12	0x2	Critical	iSCSI link/session is down	—	—	169002	8002942A	minor	iSCSI Link Down Trap	iSCSI link is down.
1.10~	0x13	0x12	Critical	%1 Smart Array - Controller Failure (Status: %2)	⊙	—	3033	C0000BD9	major	Controller Status Change	Controller status is now %d for controller located in %s.
1.10~	0x13	0x13	Critical	Drive Array Controller Failure (Chassis %1, Slot %2)	⊙	—	3033	C0000BD9	major	Controller Status Change	Controller status is now %d for controller located in %s.
1.10	0x13	0x14	Critical	%1 Smart Array ?? " Drive is failed: Port %2 Box %3 Bay %4	— (SAS) / ⊙ (MG)	None	None	None	None	None	None
1.15~1.20	0x13	0x14	Critical	%1 Smart Array - Drive is failed: Port %2 Box %3 Bay %4	— (SAS) / ⊙ (MG)	None	None	None	None	None	None
1.30~	0x13	0x14	Critical	%1 Smart Array - Drive is failed: Port %2 Box %3 Bay %4	— (SAS) / ⊙ (MG)	—	3046	C0000BE6	major	Physical Drive Status Change	Physical drive status is now %d for drive at location %s connected to controller in %s.
1.10~	0x13	0x15	Caution	%1 Smart Array - SSD Wear Status Level %2: Port %3 Box %4 Bay %5	—	—	3049	C0000BE9	major	Solid State Disk Wear Status Change	Solid state disk wear status is now %d for drive at location %s connected to controller in %s.
1.10~1.20	0x13	0x16	Caution	%1 Smart Array - Predictive drive failure: Port %2 Box %3 Bay %4	—	None	None	None	None	None	None
1.30~	0x13	0x16	Caution	%1 Smart Array - Predictive drive is failed: Port %2 Box %3 Bay %4	—	—	3046	C0000BE6	major	Physical Drive Status Change	Physical drive status is now %d for drive at location %s connected to controller in %s.

1.10~1.20	0x13	0x17	Caution	%1 Smart Array - Cache Status: %2 (Error Code: %3)	☉	None	None	None	None	None	None
1.30~	0x13	0x17	Caution	%1 Smart Array - Cache Status: %2 (Error Code: %3)	☉	—	3038	C0000BDE	major	Accelerator Board Status Change	Cache module board status is now %d for board located in %s.
1.10~1.20	0x13	0x18	Caution	%1 Smart Array - Drive could not be authenticated as genuine drive. Smart Array will not control the LEDs: Port %2 Box %3 Bay %4	—	None	None	None	None	None	None
1.30~	0x13	0x18	Caution	%1 Smart Array - Drive could not be authenticated as genuine drive. Smart Array will not control the LEDs: Port %2 Box %3 Bay %4	—	—	3046	C0000BE6	major	Physical Drive Status Change	Physical drive status is now %d for drive at location %s connected to controller in %s.
1.20~	0x13	0x1e	Critical	%1 Smart Array - Drive status changed. Status is : %2	—	—	5022	C000139E	major	SAS/SATA Physical Drive Status Change	SAS/SATA physical drive status is now %d for drive at location %s connected to controller in %s.
1.20~	0x13	0x1f	Critical	Solid state disk wear status is now %1 for drive at location %2 connected to controller in %s.	—	—	5026	C00013A2	major	Solid State Disk Wear Status Change	Solid state disk wear status is now %d for drive at location %s connected to controller in %s.
1.20~	0x13	0x20	Critical	ATA disk drive status is now %1 for drive %2	—	—	14004	C00036B4	major	ATA Disk Drive Status Change	ATA disk drive status is now %d for drive %d.
1.20~	0x13	0x21	Caution	%1 Smart Array - Logical drive status changed to %2	—	—	3034	C0000BDA	major	Logical Drive Status Change	Logical drive status is now %d for drive %d on controller located in %s.
1.20~	0x13	0x23	Critical	%1 Smart Array - Cache module board lost backup power	—	—	3039	C0000BDF	major	Accelerator Board Bad Data	Cache module board lost backup power: data loss possible (Controller Location: %s).
1.20~	0x13	0x24	Critical	%1 Smart Array - Cache module board backup power source status is %2	—	—	3040	C0000BE0	major	Accelerator Board Battery Failed	Cache module board backup power source status is failed for controller located in %s.
1.20~	0x13	0x28	Critical	Storage system fan status changed to %1 for location %2 connected to controller in %s.	—	—	8029	C0001F5D	major	Fan Status Change	Storage system fan status changed to %d for location %s connected to controller %s.
1.20~	0x13	0x29	Critical	Storage system temperature status changed to %1 for location %2 connected to controller in %s.	—	—	8030	C0001F5E	major	Temperature Status Change	Storage system temperature status changed to %d for location %s connected to controller %s.
1.20~	0x13	0x2a	Critical	Storage system power supply status changed to %1 for location %2 connected to controller in %s.	—	—	8031	C0001F5F	major	Power Supply Status Change	Storage system power supply status changed to %d for location %s connected to controller %s.
1.20~	0x13	0x2b	Critical	Storage system connection status changed to %1 for location %2 connected to controller in %s.	—	—	8032	C0001F60	major	Connection Status Change	Storage system connection status changed to %d for location %s connected to controller %s.
1.20~	0x13	0x2c	Critical	%1 Smart Array - Spare status is changed to %2	—	—	3047	C0000BE7	major	Spare Drive Status Change	Spare status is now %d for drive at location %s connected to controller in %s.

1.10~	0x14	0x5	Critical	Unrecoverable I/O Error has occurred. System Firmware will log additional details in a separate IML message entry if possible.	☉	None	None	None	None	None	None
1.10~1.20	0x14	0x7	Critical	Server Critical Fault (Service Information: %1)	☉	None	None	None	None	None	None
1.30~	0x14	0x7	Critical	Server Critical Fault (Service Information: %1)	☉	—	6074	C00017BA	major	Server Critical Power Failure	A device connected to or embedded on the system board has an error. Service Information: Failure Type:%d, Area:%d, Group:%s.
1.10~1.20	0x14	0x8	Critical	Enclosure Induced Event (Service Information: Enclosure Power Loss, %1)	—	None	None	None	None	None	None
1.30~	0x14	0x8	Critical	Enclosure Induced Event (Service Information: Enclosure Power Loss, %1)	—	—	6074	C00017BA	major	Server Critical Power Failure	A device connected to or embedded on the system board has an error. Service Information: Failure Type:%d, Area:%d, Group:%s.
1.10~	0x20	0x2	Information	Firmware flashed (%1)	—	None	None	None	None	None	None
1.10~	0x20	0x3	Critical	#ILO detected invalid %1 firmware.	☉	—	9022	4000233E	information	Firmware integrity issue repaired	The %d firmware integrity anomaly or boot time validation previously detected has been repaired.
						☉	9021	C000233D	major	Firmware validation failure	The firmware integrity scan or boot time validation detected an anomaly that requires the %d firmware to be updated.
1.10~	0x20	0x4	Caution	#ILO was unable to automatically repair the %1 firmware.	—	—	9023	8000233F	minor	Firmware recovery failure	Integrated Lights-Out failed to automatically repair the %d firmware.
1.20~	0x20	0x7	Information	#ILO completed the firmware integrity scan and detected an anomaly.	—	None	None	None	None	None	None
1.20~	0x20	0x8	Information	Firmware recovery is requested by %1	—	None	None	None	None	None	None
1.10~	0x21	0x1	Information	IML Cleared (%1 user: %2)	—	None	None	None	None	None	None
1.10~	0x21	0x2	Information	Maintenance note: %1	—	None	None	None	None	None	None
1.10~1.15	0x22	0x1b	Critical	%1 Inadequate Power To Power On: %2 (Enclosure Serial Number %3, Slot %4)	—	None	None	None	None	None	None
1.20~	0x22	0x1b	Critical	%1 Inadequate Power To Power On: %2 (Enclosure Serial Number %3, Bay %4)	—	None	None	None	None	None	None
1.10~	0x22	0x1c	Critical	%1 Inadequate Power To Power On: %2 (Enclosure Address %3, Slot %4)	—	None	None	None	None	None	None
1.10~	0x22	0x1d	Information	%1 Rack Name Changed (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x1e	Information	%1 Rack Name Changed (Enclosure Address %2)	—	None	None	None	None	None	None

1.10~	0x22	0x1f	Information	%1 Name Changed (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x20	Information	%1 Name Changed (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x21	Information	%1 Service Change (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x22	Information	%1 Service Change (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x23	Information	%1 Rack Name Conflict (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x24	Information	%1 Rack Name Conflict (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x25	Information	%1 Rack Unique ID Changed (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x26	Information	%1 Rack Unique ID Changed (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x27	Information	%1 LAN Settings Changed (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x28	Information	%1 LAN Settings Changed (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x29	Information	%1 UID LED State Changed (Enclosure Serial Number %2)	—	None	None	None	None	None	None
1.10~	0x22	0x2a	Information	%1 UID LED State Changed (Enclosure Address %2)	—	None	None	None	None	None	None
1.10~	0x22	0x2b	Information	%1 Rack Infrastructure Changed (Enclosure Serial Number %2, Type %3)	—	None	None	None	None	None	None
1.10~	0x22	0x2c	Information	%1 Rack Infrastructure Changed (Enclosure Address %2, Type %3)	—	None	None	None	None	None	None
1.10~	0x22	0x2d	Critical	Chassis Enclosure Serial Number %1 requires minimum firmware revision 0x%2.0x%3. It is currently 0x%4.0x%5.	—	None	None	None	None	None	None
1.10~	0x22	0x2e	Critical	Chassis Enclosure Address %1 requires minimum firmware revision 0x%2.0x%3. It is currently 0x%4.0x%5.	—	None	None	None	None	None	None
1.10~1.15	0x22	0x2f	Critical	%1 Power Request Denied: %2 %3 (Enclosure Serial Number %4, Slot %5)	—	None	None	None	None	None	None
1.20~	0x22	0x2f	Critical	%1 Power Request Denied: %2 %3 (Enclosure Serial Number %4, Bay %5)	—	None	None	None	None	None	None
1.10~	0x22	0x30	Critical	%1 Power Request Denied: %2 (Enclosure Address %3, Slot %4)	—	None	None	None	None	None	None
1.10~	0x27	0x1	Caution	Processor(s) Operating at Reduced Performance Level Due to a Low Power Cap	—	None	None	None	None	None	None
1.10~	0x27	0x3	Caution	Power Cap Cannot Be Reached With Current System Configuration (Power Cap %1W)	—	None	None	None	None	None	None

1.10~	0x27	0x4	Caution	Power allocation not optimized. Increased power allocation requested. Server performance is not degraded	—	—	6072	800017B8	minor	Power Throttle Write Failed	Server power allocation could not be optimized. Server Enclosure power request has increased.
1.10~1.15	0x28	0x1	Caution	Boot From Flash Error (%1)	—	None	None	None	None	None	None
1.20	0x28	0x2	Information	A read error occurred on the Flash Media in Slot %1 of a USB storage device attached to the system	—	—	1010	400003F2	information	USB storage device read error occurred	A read error occurred on the Flash Media in Slot %d of a USB storage device attached to the system.
1.30~	0x28	0x2	Caution	A read error occurred on the Flash Media in Slot %1 of a USB storage device attached to the system	—	—	1010	400003F2	information	USB storage device read error occurred	A read error occurred on the Flash Media in Slot %d of a USB storage device attached to the system.
1.20~	0x28	0x3	Caution	A write error occurred on the Flash Media in Slot %1 of a USB storage device attached to the system	—	—	1011	400003F3	information	USB storage device write error occurred	A write error occurred on the Flash Media in Slot %d of a USB storage device attached to the system.
1.20~	0x28	0x4	Caution	Redundancy is lost on a USB storage device attached to the system. Flash Media in Slot %1 has failed	—	—	1013	400003F5	information	USB storage device redundancy restored	Redundancy is restored on a USB storage device attached to the system.
							1012	800003F4	minor	USB storage device redundancy lost	Redundancy is lost on a USB storage device attached to the system. Flash Media in Slot %d has failed.
1.20~	0x28	0x5	Caution	Sync operation to restore redundancy failed on a USB storage device attached to the system	—	—	1014	800003F6	minor	USB storage device sync failed	Sync operation to restore redundancy failed on a USB storage device attached to the system.
1.10~1.20	0x29	0x1	Critical	Improperly seated or missing device (%1, %2)	☉	None	None	None	None	None	None
1.30~	0x29	0x1	Critical	Improperly seated or missing device (%1, %2)	☉	☉	6075	C00017BB	major	Server Critical Interlock Failure	There is a device missing or improperly seated on the system board. Service Information: Failure Type:%d, Missing or improperly seated device (%s).
1.10~	0x32	0x120	Critical	A Critical Error Event that has kept the system from booting. - System Halted!	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x163	Caution	Time & Date Not Set.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x209	Caution	Unsupported DIMM Configuration Detected - Installed DIMM configuration does NOT support configured AMP Mode. System will operate in Advanced ECC Mode. (Major Code:%1 Minor Code:%2).	—	None	None	None	None	None	None
1.10~	0x32	0x210	Caution	Unsupported DIMM Configuration Detected - Installed DIMMs could not support the currently configured interleave mode. (Major Code:%1, Minor Code:%2).	—	None	None	None	None	None	None
1.10~	0x32	0x211	Caution	Unsupported DIMM Configuration Detected - Processor %1 DIMM %2. The DIMM does not support ECC. (Major Code:%3, Minor Code:%4).	—	None	None	None	None	None	None
1.10~	0x32	0x212	Critical	Processor UPI Initialization Error. A processor UPI initialization error was detected. %1 (Major Code:%2, Minor Code:%3).	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.10~	0x32	0x213	Caution	Unsupported DIMM Configuration Detected – Processor %1 DIMM %2. The DIMM has more ranks than is supported by this system. (Major Code:%3, Minor Code:%4).	–	None	None	None	None	None	None
1.10~	0x32	0x214	Caution	Unsupported DIMM Configuration Detected – Processor %1 DIMM %2. The DIMM requires a frequency not supported by the system. (Major Code:%3, Minor Code:%4).	–	None	None	None	None	None	None
1.10~	0x32	0x215	Critical	DIMM Initialization Error – Processor %1 DIMM %2. The identified processor and memory failed to initialize properly. %3 (Major Code:%4, Minor Code:%5).	☉	None	None	None	None	None	None
1.10~	0x32	0x216	Critical	DIMM Initialization Error. A fatal error was detected while initializing memory. %1 (Major Code:%2, Minor Code:%3).	☉	None	None	None	None	None	None
1.10~	0x32	0x217	Critical	DIMM Initialization Error – Processor %1 DIMM %2. The identified processor and memory are operating at an incorrect voltage. %3 (Major Code:%4, Minor Code:%5).	☉	None	None	None	None	None	None
1.10~	0x32	0x219	Critical	Memory Configuration Error – One or more of the installed processors has a total amount of memory installed which exceeds the amount supported by that processor. %1 (Major Code:%2, Minor Code:%3).	–	None	None	None	None	None	None
1.10~	0x32	0x220	Critical	KTI Initialization Error – A fatal KTI initialization error has been detected. %1 (Major Code: %2, Minor Code: %3).	☉	–	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x221	Critical	Unknown Initialization Error. The system has experienced a fatal initialization error. %1 (Major Code: %2, Minor Code: %3).	☉	None	None	None	None	None	None
1.20~	0x32	0x223	Caution	DIMM Initialization Error – Processor %1 Channel %2. The identified memory channel could not be properly trained and has been mapped out. (Major Code:%3, Minor Code:%4).	☉	None	None	None	None	None	None
1.10~	0x32	0x228	Caution	Unsupported DIMM Configuration Detected – Processor %1 Channel %2. DIMM population rule violation. The Memory channel has been mapped out. (Major Code:%3, Minor Code:%4).	–	None	None	None	None	None	None
1.10~	0x32	0x229	Caution	Unsupported DIMM Configuration Detected – Processor %1 DIMM %2. The identified DIMM is not supported in the system. (Major Code:%3, Minor Code:%4).	–	None	None	None	None	None	None
1.10~	0x32	0x230	Caution	Unsupported DIMM Configuration Detected – Processor %1 Channel %2. The number of installed DIMM ranks exceeds the number supported by the channel. (Major Code:%3, Minor Code:%4).	–	None	None	None	None	None	None
1.10~	0x32	0x231	Critical	Memory Configuration Error – No memory is available. If DIMMs are installed, verify that the corresponding processor is installed. %1 (Major Code:%2, Minor Code:%3).	–	None	None	None	None	None	None
1.10~	0x32	0x232	Critical	DIMM Initialization Error – A memory initialization error was detected. %1 (Major Code:%2, Minor Code:%3).	☉	None	None	None	None	None	None

1.10~	0x32	0x233	Caution	DIMM Initialization Error - Processor %1 Channel %2. The identified memory channel could not be properly trained and has been mapped out. (Major Code:%3, Minor Code:%4).	☉	None	None	None	None	None	None
1.10~	0x32	0x234	Caution	DIMM Initialization Error - Processor %1 DIMM %2. The identified DIMM could not be properly trained and has been mapped out. (Major Code:%3, Minor Code:%4).	☉	None	None	None	None	None	None
1.10~	0x32	0x235	Critical	Unsupported DIMM Configuration Detected - Mixed DIMM configurations are not support on this system. %1 (Major Code:%2, Minor Code:%3).	—	None	None	None	None	None	None
1.10~	0x32	0x236	Caution	Unsupported DIMM Configuration Detected - Processor %1 DIMM %2. The DIMM does not support the required voltage. (Major Code:%3, Minor Code:%4).	—	None	None	None	None	None	None
1.10~	0x32	0x237	Caution	Unsupported DIMM Configuration Detected - Octal and Quad Rank DIMMs are not supported on the same memory channel . (Major Code:%1, Minor Code:%2).	—	None	None	None	None	None	None
1.10~1.15	0x32	0x238	Critical	Unsupported DIMM Configuration Detected - Mixing octal rank LRDIMMs with non-octal rank LRDIMMs is not supported. %1 (Major Code:%2, Minor Code:%3).	—	None	None	None	None	None	None
1.20~	0x32	0x238	Critical	Unsupported DIMM Configuration Detected - Mixing 3DS LRDIMMs with non-3DS LRDIMMs is not supported. %1 (Major Code:%2, Minor Code:%3).	—	None	None	None	None	None	None
1.20~	0x32	0x239	Critical	Unsupported DIMM Configuration Detected - Mixed DIMM configurations are not supported on this system. The system can only have one DIMM type (such as RDIMM or LRDIMM) installed at a time. %1 (Major Code:%2, Minor Code:%3).	—	None	None	None	None	None	None
1.10~	0x32	0x242	Critical	Unsupported Processor Configuration Detected - System does not support booting with three processors installed.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x243	Critical	Unsupported Processor Configuration Detected - The installed processors are not 4-socket capable and this server only supports 4-socket capable processors.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x259	Critical	Unsupported Processor Configuration Detected. All installed processors do not have the same model number.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0x32	0x264	Caution	Server Platform Services Firmware in Recovery Mode. SPS Firmware Update Switch 12 of the Maintenance Switch is in the ON position.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x265	Critical	System Configuration Error. The system configuration has exceeded the non-volatile storage capacity of the server and certain settings may be lost.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.

1.15~	0x32	0x270	Critical	%1 FW Communication Issue - Unable to communicate with %2 FW. Certain management functionality is not available.	⊙	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x275	Critical	Unsupported Processor Detected - Processor stepping not supported.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x298	Information	IMPORTANT: The Boot Mode has been changed to Legacy Boot Mode for this boot only. On the next reboot, the Boot Mode will return to UEFI Boot Mode.	—	None	None	None	None	None	None
1.10~	0x32	0x299	Information	The Boot Mode has been changed to UEFI Boot Mode for this boot only. On the next reboot, the Boot Mode will return to Legacy Boot Mode.	—	None	None	None	None	None	None
1.10~	0x32	0x305	Caution	Redundant ROM Error: Both the Primary and Backup System ROMs are invalid.	⊙	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x318	Caution	Trusted Platform Module (TPM) Self-Test Error.	⊙	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x330	Critical	Unsupported Processor Configuration Detected - Processors are installed in the incorrect order.	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10	0x32	0x347	Critical	NVDIMM Population Error - %1 NVDIMMs are present in the system. Only %2 NVDIMMs are supported.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.15~	0x32	0x347	Critical	NVDIMM Population Error - %1 NVDIMMs are present %2. Only %3 NVDIMMs are supported.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x348	Caution	Unsupported DIMM Configuration Detected - Processor %1 DIMM %2. Registered DIMMs are only supported when an NVMDIMM is present in the system. (Major Code:%3, Minor Code:%4).	—	None	None	None	None	None	None
1.10~	0x32	0x349	Critical	NVDIMM Population Error - NVDIMMs and LRDIMMs are installed in this system. NVDIMMs are only supported with RDIMMs on this system.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x350	Critical	NVDIMM Population Error - Processor %1, DIMM %2, NVDIMMs and RDIMMs are in the incorrect order on Channel %3. NVDIMMs on the channel should be closest to the CPU.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x358	Critical	IMPORTANT: Processor %1, DIMM %2 - The installed NVDIMM has a Supercap attached. This is not supported.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x359	Critical	NVDIMM Population Error - Processor 1 must have at least one RDIMM installed when NVDIMMs are present in the system.	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x365	Caution	Unsupported NVDIMM-N Configuration Detected - The installed NVDIMM-Ns are not compatible with each other. (Major Code:%1, Minor Code:%2).	—	—	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.

1.10~	0x32	0x367	Critical	System ROM Authentication Error - The System ROM image could not be authenticated or recovered.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x368	Caution	System ROM Authentication Error - The BIOS image could not be authenticated.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x369	Caution	System ROM Authentication Error - The system is operating on a recovered or redundant image. Redundant ROM functionality is NOT available.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x370	Caution	Redundant ROM Image Authentication Error - The Redundant ROM image could not be authenticated. Redundant ROM functionality is NOT available.	-	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x389	Caution	Unexpected Shutdown and Restart - An undetermined error type resulted in a reboot of the server.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x412	Critical	Server Platform Services Firmware Error - The Server Platform Services firmware is operating in factory mode.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x413	Critical	Innovation Engine Image Authentication Error. The Innovation Engine image could not be authenticated.	⊙	None	None	None	None	None	None
1.10~	0x32	0x436	Critical	Scalable Persistent Memory on %1 Logical NVDIMM %2 does not have enough memory to initialize.	-	-	6093	C00017CD	major	NVDIMM Configuration Errors Occurred	NVDIMM Configuration errors occurred.
1.10~	0x32	0x450	Information	%1 is in High Security Mode and there is no System ROM Admin Password set.	-	None	None	None	None	None	None
1.20~	0x32	0x452	Critical	%1 FW Communication Issue - Unable to communicate with %2 FW. One or more configuration settings may be used from the last system boot. One or more configuration changes since the last boot may not have taken affect.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x453	Critical	Unsupported DIMM Configuration Detected - Processor %1 DIMM %2. Unsupported persistent memory module is present in the system. This module is not supported by the installed processor(s). - System Halted!	-	None	None	None	None	None	None
1.20~	0x32	0x457	Critical	%1 FW Communication Issue - Unable to communicate with %2 FW (Error Code 0x%3). Unexpected %4 behavior may occur.	⊙	-	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x462	Critical	Uncorrectable Memory Error Threshold Exceeded (%1 %2, DIMM %3). The DIMM is mapped out and is currently not available.	⊙	None	None	None	None	None	None
1.10~	0x32	0x471	Information	IMPORTANT: The UEFI Variable space is close to exceeding the non-volatile storage capacity. This may impact OS installations and may limit the ability to configure certain options.	-	None	None	None	None	None	None

1.10~1.20	0x32	0x3010	Information	MemBIST RMT: %1 margin out of range at CPU %2 DIMM %3 - Count %4	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.30~	0x32	0x3010	Caution	MemBIST RMT: %1 margin out of range at CPU %2 DIMM %3 - Count %4	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x3011	Critical	MemBIST MEMTEST: UnCorrectable Memory Error found at CPU %1 DIMM %2 Rank %3 - UC Count %4	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x3012	Critical	MemBIST MEMTEST: Correctable Memory Error found at CPU %1 DIMM %2 Rank %3 Strobe %4 - CE Count %5	—	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.10~	0x32	0x3013	Critical	Processor Built-In Self-Test (BIST) Failure. Processor %1, Error Code = 0x%2.	☉	—	6027	8000178B	minor	POST Errors Occurred	Power On Self Test (POST)/UEFI errors occurred during server restart.
1.20~	0x32	0x3016	Critical	Memory Configuration Error - No memory is available. If DIMMs are installed, verify that the DIMMs are installed properly. -System Halted!	—	—	None	None	None	None	None
1.20~	0x32	0x3017	Critical	Server Platform Services Authentication Failure - The Server Platform Services (SPS) firmware image failed authentication and may be compromised. -System Halted!	☉	None	None	None	None	None	None
1.20~	0x32	0x3018	Caution	Server Platform Services Authentication Failure - The Server Platform Services (SPS) firmware image could not be authenticated because the image is out of date.	—	—	None	None	None	None	None
1.20~	0x32	0x3019	Critical	Server Platform Services Firmware in Recovery Mode. SPS firmware image is corrupted. -System Halted!	☉	None	None	None	None	None	None
1.30~	0x32	0x3020	Caution	PCIe Slot %1 failed to train at Gen %2 speed and x%3 width.	☉	None	None	None	None	None	None
1.30~	0x32	0x3021	Caution	PCIe Slot %1 failed to train.	☉	None	None	None	None	None	None
1.30~	0x32	0x3022	Caution	PCIe Slot %1 failed to train or no device detected on a bifurcated slot.	—	None	None	None	None	None	None
1.30~	0x32	0x3023	Caution	FlexibleLOM %1 failed to train.	☉	None	None	None	None	None	None
1.30~	0x32	0x3024	Caution	FlexibleLOM %1 failed to train at Gen %2 speed and x%3 width.	☉	None	None	None	None	None	None
1.20	0x33	0x1	Critical	Temperature exceeded on PCIe disk %1.	☉	—	1016	400003F8	information	PCIe Disk Thermal Status OK	The temperature of the PCIe disk at location %s is normal.
						☉	1015	C00003F7	major	PCIe Disk Thermal Failure	The temperature of the PCIe disk at location %s has crossed the upper critical threshold.
1.20~	0x33	0x2	Critical	The status of the PCIe disk at location %1 is %1	☉	☉	1017	C00003F9	major	PCIe Disk Condition Change	The status of the PCIe disk at location %s is %d.

1.20~	0x33	0x3	Critical	The PCIe disk wear status for the disk at location %1 is %2	☉	☉	1018	C00003FA	major	PCIe Disk Wear Status Change	The PCIe disk wear status for the disk at location %s is %d.
1.20~	0x33	0x4	Information	A PCI device at %1 Bus %2, Device %3, Function %4 has been added to the system or powered on.	—	—	1019	400003FB	information	PCI Device added or powered on	A PCI device at Bus %d, Device %d, Function %d has been added to the system or powered on.
1.20~	0x33	0x5	Information	A PCI device at %1 Bus %2, Device %3, Function %4 has been removed from the system or powered off.	—	—	1020	400003FC	information	PCI Device removed or powered off	A PCI device at Bus %d, Device %d, Function %d has been removed from the system or powered off.
1.30~	0x34	0x1	Critical	Power supply %1 has exceeded the current limit. Power Supply output will be disabled.	☉	None	None	None	None	None	None
1.30~	0x34	0x3	Caution	Power Regulator: Zone %1 operating at reduced performance level (> %2 Percentage) for past %3 %4	—	None	None	None	None	None	None
—	None	None	None	None	—	—	0	40000000	information	Cold Start	Cold Start.
—	None	None	None	None	—	—	2	40000002	information	Link Down	Link Down.
—	None	None	None	None	—	—	3	40000003	information	Link Up	Link Up.
—	None	None	None	None	—	—	4	40000004	information	Authentication Failure	Authentication Failure.
—	None	None	None	None	—	—	6051	800017A3	minor	Mirrored Memory Engaged	The Advanced Memory Protection subsystem has engaged the online spare memory.
—	None	None	None	None	—	—	6061	800017AD	minor	Management processor is currently in reset.	The management processor is in the process of being reset.
—	None	None	None	None	—	—	6062	400017AE	information	Management processor is ready.	The management processor is ready after a successful reset.
—	None	None	None	None	—	—	6064	800017B0	minor	Corrected uncorrectable Memory Errors – Replace Memory Module.	Correctable uncorrectable memory errors require a replacement of the memory module in slot %d, cpu %d, riser %d, socket %d.
—	None	None	None	None	—	—	6074	C00017BA	major	Server Critical Power Failure	A device connected to or embedded on the system board has an error. Service Information: Failure Type:%d, Area:%d, Group:%s.
—	None	None	None	None	—	—	9001	40002329	information	Server Reset Detected	Server reset detected.
—	None	None	None	None	—	—	9003	4000232B	information	Remote Insight/Integrated Lights-Out Unauthorized Login Attempts	Integrated Lights-Out detected more than %d unauthorized login attempts.
—	None	None	None	None	—	—	9005	C000232D	major	Remote Insight/Integrated Lights-Out Self Test Error	Remote Insight/ Integrated Lights-Out self test error %d.
—	None	None	None	None	—	—	9012	40002334	information	Security override engaged.	Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been engaged.

—	None	None	None	None	—	—	9013	40002335	information	Security override disengaged.	Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been disengaged.
—	None	None	None	None	—	—	9017	40002339	information	Server powered on	The server has been powered on.
—	None	None	None	None	—	—	9018	4000233A	information	Server powered off	The server has been powered off.
—	None	None	None	None	—	—	9019	C000233B	major	Server power on failure	The server could not be powered on.
—	None	None	None	None	—	—	9020	8000233C	minor	iLO to Insight Remote Support communication failure	The iLO to Insight Remote Support or Insight Online communication failed.
—	None	None	None	None	—	—	9026	80002342	minor	Firmware upload or update failure	Firmware upload or update failed with reason: %s.
—	None	None	None	None	—	—	9027	40002343	information	Security State changed	Security state changed to %d.
—	None	None	None	None	—	—	9028	80002344	minor	Watchdog Timer Timeout	The Management processor detected %d Watchdog timer timeout. Details: %s.
—	None	None	None	None	—	—	11018	80002B0A	minor	Power Threshold Exceeded	Power threshold has been exceeded (Warning Type: %s, Threshold: %d watts, Duration: %d minutes)
—	None	None	None	None	—	—	11020	40002B0C	information	Health Status Array Change occurred	A change in the health status of the server has occurred, the status is now %s