Table of corrections in PRIMEQUEST 500A/500/400 Series Reference Manual: Messages/Logs (C122-E004-10EN)

2010/04/23

Erroneous descriptions that were found in the manual have been corrected as shown below.

No.	Page	Item	Description	
1	1-16	1.4.2.2 Dump collection using diskdump or kdump	Incorrect	(3) Verify start and end of dump collection (Omitted) The following message is displayed on the console to indicate that dump collection has been completed. - RHEL-AS4 (IPF) diskdump: dump succeeded - RHEL5 (IPF) makedumpfile Completed. Note: When the dump has been collected successfully, the message shown in the following example may be output (note that the actual dump file name is not vmcore-incomplete but is vmcore). The dumpfile is saved to /mnt/ 127.0.0.1-2007-02-14-15:20:37/vmcoreincomplete.
			Correct	(3) Verify start and end of dump collection (Omitted) The following message is displayed on the console to indicate that dump collection has been completed. - RHEL-AS4 (IPF) diskdump: dump succeeded - RHEL5 (IPF) The message below indicating that dump collection is in progress is displayed on the console. The dumpfile is saved to /mnt/127.0.0.1-[date-and-time]/vmcore-incomplete The displayed date and time of the collected dump is the [date-and-time] of the 127.0.0.1-[date-and-time] directory output to the message. Note: This message is displayed when core_collector makedumpfile is specified in /etc/kdump.conf for RHEL5.0, RHEL5.1, RHEL5.4 and later systems. Confirm that the following message indicating that dump collection has been completed is displayed on the console. makedumpfile Completed. or Saving core complete

No.	Page	Item	Description	
2	2-1	2.1.1 System event log	Incorrect	Note: In Windows Server 2008, the following system event log item is displayed for operating system startup or for dynamic SB addition (Hot-Add) or dynamic SB replacement (Hot-Replace) using the dynamic partitioning (DP) function, but it does not affect operation. Severity: Info Unit/Source/Event ID: Blank Description: Binary character string
			Correct	Note: A description consisting of a binary character string may be displayed for each of the following events in the system event log (*1), but it does not affect operation: - Operating system startup of Windows Server 2008 - In Windows Server 2008, dynamic SB addition (Hot-Add) or dynamic SB replacement (Hot-Replace) using the Dynamic Partitioning (DP) function - In RHEL 5.2 or later, OS panic occurrence *1 The following items are displayed in the system event log: Severity: Info Unit/Source/Event ID: Blank Description: Binary character string
3	2-31	2.2.8 MMB-related messages	Addition	180700FFh Transition to OK Corrective action: Not required Severity: Info 180701FFh Transition to Non-critical from OK Corrective action: The relevant unit must be replaced. Contact your Fujitsu certified service engineer. Severity: Warning 180702FFh Transition to Critical from less severe Corrective action: The relevant unit must be replaced. Contact your Fujitsu certified service engineer. Severity: Error 180703FFh Transition to Non-recoverable from less severe Corrective action: The relevant unit must be replaced. Contact your Fujitsu certified service engineer. Severity: Error

No.	Page	Item	Description	
4	3-7	3.1.3 E-mail notification messages	Incorrect	3.1.3 E-mail notification messages This section provides a display example of a message reported to the administrator and maintenance personnel and explains such messages. The first line in the message text is specified as the e-mail subject.
			Correct	3.1.3 E-mail notification messages This section provides a display example of a message reported to the administrator and maintenance personnel and explains such messages. The value of "Subject" in the [Alarm E-Mail] window of the MMB Web-UI becomes the e-mail subject. Note that multibyte characters included in the message text may be displayed incorrectly depending on the mailer used. Change the character code to EUC to display them correctly.
5	3-9	3.2 Message List	Incorrect	The letters (R, M, T, and S) in "Action" denote types of action taken by PSA. Different action types are indicated in different messages. - R: REMCS communication - M: Mail transmission - T: SNMP trap transfer - S: syslog output
			Correct	The letters (R, M, T, and S) in "Action" denote types of action taken by PSA. Different action types are indicated in different messages. - R: REMCS communication - M: Mail transmission - T: SNMP trap transfer - S: syslog output PSA suppresses REMCS communication, mail transmission, and SNMP trap transfer actions if it detects an error in the same unit in less than 24 hours after detection of an error in a unit.
6	3-43	3.2.1 PSA messages	Addition	04543 cabinet ID error (%1, %2) Description: The cabinet ID (TrayID) of the expansion file unit exceeds the maximum value (63). %1 = Linux: Enclosure device /dev/sgx Windows: SCSI port Device¥scsih %2 = cabinet ID number (Tray ID) Corrective action: Review the cabinet ID (TrayID) assigned to the file unit. Severity: Warning Action: (///S)

No.	Page	Item	Description	
7	3-47	3.2.1 PSA messages	Incorrect	06401 detected WMI Error(WBEM_E_SHUTTING_DOWN) on %s1. HRESULT=0x%X CLASSID=%d PROPERTY=%s2. Description: A shutdown occurred in WMI. %s1 = Event type "IEnumWbemClassObject::Next", "IWbemClassObject::Get", etc. %X = Result of HRESULT (80041033, etc.) %d = ID that specifies the WMI class managed by PSA %s2 = Property name "DeviceID," "DeviceClass," etc. Corrective action: Referring to PSA Readme, change the upper limit of the WMI usable amount of resources (_ProviderHostQuotaConfiguration). (Omitted)
			Correct	06401 detected WMI Error(WBEM_E_SHUTTING_DOWN) on %s1. HRESULT=0x%X CLASSID=%d PROPERTY=%s2. Description: A shutdown occurred in WMI. %s1 = Event type "IEnumWbemClassObject::Next", "IWbemClassObject::Get", etc. %X = Result of HRESULT (80041033) %d = ID that specifies the WMI class managed by PSA %s2 = Property name "DeviceID," "DeviceClass," etc. Corrective action: See Section 7.6, "The WMI service setting when a Disk array subsystem is connected." in the Readme for the PSA and change the upper limit of the WMI usable resource amount (__ProviderHostQuotaConfiguration). After this, rebooting the system may be necessary. (Omitted)
8	3-51, 3-52	3.2.1 PSA messages	Deletion	The following messages are deleted. 08001 08002 08003 08004 08005

No.	Page	Item	Description			
9	3-52	3.2.1 PSA messages	Addition	08800	[Comment] %d1/%d2 Adding %s1 to this partition(%s2,%s3)	
					Description:	The specified unit is being added to the partition. %d1/%d2 = Progress of DP operation %s1 = Added/spare unit name (example: SB#1A) %s2 = Number (decimal) %s3 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)
				08801	[Comment] %d1/%d2 Copying and moving the resource from %s1 to %s2(%s3,%s4)	
					Description:	The resource is being copied from the unit being replaced to the spare unit. %d1/%d2 = Progress of DP operation %s1 = Replacement target unit name (example: SB#1) %s2 = Spare unit name (example: SB#2) %s3 = Number (decimal) %s4 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)
				08802	[Comment] %d1/%d2 Removing %s1 from this partition(%s2,%s3)	
					Description:	The replacement target unit is being disconnected from the partition. %d1/%d2 = Progress of DP operation %s1 = Replacement target unit name (example: SB#3) %s2 = Number (decimal) %s3 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)

No.	Page	Item	Description			
9	3-52	3.2.1 PSA messages	Addition	08803	[Comment] %d1/%d2 Adding of %s1 to this partition is completed(%s2,%s3)	
					Description:	Unit Hot-Add is completed. %d1/%d2 = Progress of DP operation %s1 = Added unit name (example: SB#4B) %s2 = Number (decimal) %s3 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)
				08804	[Comment] %d1/%d2 Replacing of %s1 by %s2 is completed(%s3,%s4)	
					Description:	Unit Hot-Replace is completed. %d1/%d2 = Progress of DP operation %s1 = Replacement target unit name (example: SB#5) %s2 = Spare unit name (example: SB#6) %s3 = Number (decimal) %s4 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)
				08805	[Comment] %d1/%d2 Diagnosing %s1(%s2,%s3)	
					Description:	Initial diagnosis by firmware in progress %d1/%d2 = Progress of DP operation %s1 = Added/spare unit name (example: SB#5) %s2 = Number (decimal) %s3 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)
				08806	[Comment] %d1/%d2 Realizing %s1(%s2,%s3)	
					Description:	Unit recognition in progress %d1/%d2 = Progress of DP operation %s1 = Added/spare unit name (example: SB#5) %s2 = Number (decimal) %s3 = Number (decimal)
					Corrective action:	Not required
					Severity:	Information
					Action:	(///S)

No.	Page	Item	Description	
9	3-52	3.2.1 PSA messages	Addition	08808 [Comment] %d1/%d2 Restarting PSA(%s1,%s2) Description: PSA restarting %d1/%d2 = Progress of DP operation %s1 = Number (decimal) %s2 = Number (decimal) Corrective action: Not required Severity: Information Action: (///S) 08809 [Comment] %d1/%d2 DP operation start(%s1,%s2) Description: DP command started %d1/%d2 = Progress of DP operation %s1 = Number (decimal) %s2 = Number (decimal) Corrective action: Not required Severity: Information Action: (///S)
10	3-72	3.2.3 SMART message (10500)	Addition	10501 Failure Prediction Threshold Exceeded vendor=%v model=%m serial-no=%ser Description: The threshold value was exceeded in SMART operation. %v: Example FUJITSU %m: Example MAP3367NC %ser: Example 01234567 Corrective action: The disk needs to be replaced. Contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
11	3-81	3.2.4.2 e1000-related messages	Incorrect	11202 e1000:xxxx:xx:xx.x Adapter error (The EEPROM Checksum Is Not Valid) vendor-id=8086 device-id=%d revision=%r Description: An EEPROM checksum error was detected. %d:Example 1209 %r:Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
			Correct	11202 e1000:%i Adapter error (The EEPROM Checksum Is Not Valid) vendor-id=8086 device-id=%d revision=%r Description: An EEPROM checksum error was detected. %i: ethx or xxxx:xx:xx.x %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
12	3-93	3.2.4.2 e1000-related messages	Addition	11242 e1000:ethx Software error (Interrupt allocation failed) Description: A failure occurred during interrupt allocation. Corrective action: Collect troubleshooting information (e.g., dump and fjsnap), and ask your Fujitsu certified service engineer to conduct an inspection (software inspection). Severity: Warning Action: (//T/S) 11243 e1000: ethx Software error (e1000_set_multi:memory allocation failed) Description: Memory allocation for the multicast address table failed. Corrective action: Check the validity of the memory estimation done by the system. If memory estimation seems reasonable, try restarting the system. If restarting the system does not solve the problem, collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (/ /T/S) 11244 e1000: ethx Adapter or Software error (e1000_clean_jumbo_rx_irq: pskb_may_pull failed) Action: The header deletion process (pskb_may_pull) on a received packet failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (/ /T/S)

No.	Page	Item	Description	
13	3-111	3.2.4.4 tg3-related messages	Addition	11437 tg3: Adapter error (Cannot find PCI-X capability; aborting.) Description: Cannot find PCI-X capability. Initialization is interrupted. Corrective action: This is a hardware error. An onboard LAN controller failure is likely. Replace the IO unit. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
14	3-130	3.2.4.6 e1000e- related messages (addition)	Addition	11600 e1000e:xxxx:xx:xx.x Adapter or Software error (No usable DMA configuration; aborting) vendor-id=8086 device-id=%d revision=%r Description DMA is not possible in this system. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11601 e1000e:xxxx:xx:xx.x Adapter error (The NVM Checksum Is Not Valid) vendor-id=8086 device-id=%d revision=%r Description: An NVM check sum error was detected. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S) 11602 e1000e:%s Adapter error (Hardware Error) vendor-id=8086 device-id=%d revision=%r Description: A hardware error was detected. %s: ethx or xxxx:xx:xx.x %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S)
15	3-130	3.2.4.6 e1000e- related messages (addition)	Addition	11603 e1000e:xxxx:xx:xx.x Adapter error (NVM Read Error while reading MAC address) vendor-id=8086 device-id=%d revision=%r Description: An NVM read error was detected during MAC address reading. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
15	3-130	3.2.4.6 e1000e- related messages (addition)	Addition	11604 e1000e:xxxx:xx:xx.x Adapter or Software error (Invalid MAC Address) vendor-id=8086 device-id=%d revision=%r Description: An invalid MAC address is specified. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Check the MAC address setting. If the MAC address setting seems to have no error, the adapter may be faulty. Replace the adapter. Severity: Warning Action: (//T/S) 11605 e1000e:ethx Software error (Unable to allocate memory for the transmit descriptor ring) Description: Memory allocation for the transmit descriptor ring failed. Corrective action: Check the validity of memory estimation done by the system. If memory estimation seems reasonable, try restarting the system. If restarting the system does not solve the problem, collect evidence (e.g., dumps, logs), and ask your Fujitsu certified service engineer for inspection. Severity: Warning Action: (//T/S) 11606 e1000e:ethx Software error (Unable to allocate memory for the receive descriptor ring) Description: Memory allocation for the receive descriptor ring failed. Corrective action: Check the validity of memory estimation done by the system. If memory estimation seems reasonable, try restarting the system. If restarting the system does not solve the problem, collect evidence (e.g., dumps, logs), and ask your Fujitsu certified service engineer for inspection. Severity: Warning Action: (//T/S) 11607 e1000e:ethx Software error (Unsupported Speed/Duplex configuration) Description: Unsupported Speed or Duplex is specified. Corrective action: Check the Speed and Duplex of the adapter, and specify correct values. Severity: Warning Action: (//T/S)

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15	3-130	3.2.4.6 e1000e-related messages (addition)	Addition	11608 e1000e:ethx Adapter or Software error (Unable to allocate MSI interrupt) vendor-id=8086 device-id=%d revision=%r Description: MSI interrupt resources cannot be assigned. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect investigation materials (dumps and logs) and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11609 e1000e:ethx Adapter or Software error (Detected Tx Unit Hang) vendor-id=8086 device-id=%d revision=%r Description: A hung-up of the sending unit was detected. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: If communication is performed normally after this message is output, no corrective action needs to be taken. If communication is not performed normally after this message is output, restart (reset) the adapter or restart the system. If the system is not recovered even after restarting, replace the adapter. Severity: Warning Action: (//T/S) 11610 e1000e:ethx Adapter error (pattern test reg failed) vendor-id=8086 device-id=%d revision=%r Description: Pattern test failed. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S) 11611 e1000e:ethx Adapter error (set/check reg test failed) vendor-id=8086 device-id=%d revision=%r Description: Register test failed. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
15	3-130	3.2.4.6 e1000e-related messages (addition)	Addition	11612 e1000e:ethx Adapter error (failed STATUS register test) vendor-id=8086 device-id=%d revision=%r Description: STATUS register test failed. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Adapter failure is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S) 11613 e1000e:ethx Software error (MTU > 9216 not supported.) Description: Setting an MTU of more than 9,216 bytes is not supported by this controller. Corrective action: Review the MTU settings and set a value in the supported range. Severity: Warning Action: (//T/S) 11614 e1000e:ethx Adapter or Software error (Cannot change link characteristics when SoL/IDER is active.) vendor-id=8086 device-id=%d revision=%r Description: Link characteristics could not be changed. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect investigation materials (dumps and logs) and contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S) 11615 e1000e:ethx Adapter error (Cannot do PHY loopback test when SoL/IDER is active.) vendor-id=8086 device-id=%d revision=%r Description: A PHY loop-back test could not be executed. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: An adapter error is likely. Replace the adapter. Severity: Warning Action: (R/M/T/S) 11616 e1000e:xxxx:xx:xx.x Software error (Unable to allocate memory for queues) Description: No memory could be allocated for the sending/receiving queue. Corrective action: Check the validity of memory estimation done by the system. If no problem is found in the memory estimation, restart the system. If the problem persists after the system restart, collect evidence (e.g., dumps, logs). If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)

No.	Page	Item	Description	
15	3-130	3.2.4.6 e1000e-related messages (addition)	Addition	11617 e1000e:xxxx:xx:xx.x Adapter or Software error (Cannot enable PCI device from suspend) vendor-id=8086 device-id=%d revision=%r Description: The PCI device could not be started from the suspended state. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11618 e1000e:xxxx:xx:xx.x Adapter or Software error (Cannot re-enable PCI device after reset) vendor-id=8086 device-id=%d revision=%r Description: The PCI device could not be restarted after it was reset. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11619 e1000e:xxxx:xx:xx.x Adapter or Software error (can't bring device back up after reset) vendor-id=8086 device-id=%d revision=%r Description: The backup data for the device could not be acquired after a reset. %d: Example 1209 %r: Number (1 to 3 digits) Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11620 e1000e:xxxx:xx:xx.x Software error (DMA map failed) Description: A problem occurred in the DMA address map used for reception. Corrective action: Check the validity of memory estimation done by the system. If no problem is found in the memory estimation, restart the system. If the problem persists after the system restart, collect evidence (e.g., dumps, logs). If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)

No.	Page	Item	Description	
15	3-130	3.2.4.6 e1000e- related messages (addition)	Addition	11621 e1000e:ethx Software error (pskb_may_pull failed.) Description: Header deletion processing for the receive packets (pskb_may_pull) failed. Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11622 e1000e:%s Software error (Failed to initialize MSI-X interrupts. Falling back to MSI interrupts.) Description: A failure in initialization for MSI-X interrupts causes a switching to MSI interrupts. %s: ethx or xxxx.xx.xx.x Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11623 e1000e:%s Software error (Failed to initialize MSI interrupts. Falling back to legacy interrupts.) Description: A failure in initialization for MSI interrupts causes a switching to legacy interrupts. %s: ethx or xxxx.xx.xx.x Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11624 e1000e:ethx Software error (Interrupt allocation failed) Description: Interrupts failed to be set. Corrective action: Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S)

No.	Page	Item	Description			
15	3-130	3.2.4.6 e1000e-related messages (addition)	Addition	11625	e1000e:ethx Software error (MSI interrupt test failed; using legacy interrupt.)	
					Description:	A failure in the MSI interrupt test causes the use of legacy interrupts.
					Corrective action:	Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection.
					Severity:	Warning
					Action:	(//T/S)
				11626	e1000e:ethx Software error (Error reading PHY register)	
					Description:	Reading of the PHY register failed.
					Corrective action:	Collect troubleshooting information (e.g., dumps, logs), and ask your Fujitsu certified service engineer to conduct an inspection.
					Severity:	Warning
					Action:	(//T/S)

No.	Page	Item	Description	
15	3-130	3.2.4.6 e1000e-related messages (addition)	Addition	11627 e1000e:Software error (multicast array memory allocation failed) Description: Memory allocation for the multicast address table failed. Corrective action: Check the validity of memory estimation done by the system. If the memory estimation seems reasonable, try restarting the system. If restarting the system does not solve the problem, collect troubleshooting information (e.g., dumps, fjsnap information), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11628 e1000e:ethx Software error (Could not acquire PHY) Description: PHY semaphore acquisition failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap information), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11629 e1000e:ethx Software error (Could not read PHY page 769) Description: Reading of PHY page 769 failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap information), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S) 11630 e1000e:ethx Software error (Could not set PHY Host Wakeup bit) Description: Reading of the PHY Host Wakeup bit failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap information), and ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (//T/S)

No.	Page	Item	Description		
16	3-132	3.2.5 Fibre-Channel-related messages	Incorrect	12005	lpfc:xxxx:xx:xx.x Device or FC-Network error (Nodev timeout) vendor-id=10DF device-id=%d revision=%r Description: The driver lost trace of a remote Nport. %d:Example F980 %r:Number (1 to 3 digits) Corrective action: Check the Fabric, hub, or device connection. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)
			Correct	12005	lpfc:xxxx:xx:xx.x Device or FC-Network error (Nodev timeout) vendor-id=10DF device-id=%d revision=%r Description: The driver lost track of a remote Nport. %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the Fabric/hub or device connection. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) Remarks: The warning levels are only TS for PSA 1.21.x or earlier.
17	3-155	3.2.5 Fibre-Channel-related messages	Incorrect	12080	lpfc:xxxx:xx:xx.x Adapter error (Unknown IOCB command Data) vendor-id=10DF device-id=%d revision=%r Description: An invalid IOCB command was detected during high-speed command processing (fast ring). %d:deviceid vpd (example: FA00 LP10000-M2) %r:Number (1 to 3 digits) Corrective action: A driver, firmware, or hardware error is likely. Contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
			Correct	12080	lpfc:xxxx:xx:xx.x Adapter error (Unknown IOCB command Data) vendor-id=10DF device-id=%d revision=%r Description: An unknown IOCB command was detected (for a function for fast-path processing with the IOCB of an FCP ring as the target). %d: Example F980 %r: Number (1 to 3 digits) Corrective action: A driver, firmware, or hardware error is likely. If the problem persists, replace the adapter. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
18	3-155	3.2.5 Fibre-Channel-related messages	Incorrect	12081 lpfc:xxxx:xx:xx.x Adapter error (Unknown IOCB command Data) vendor-id=10DF device-id=%d revision=%r Description: An invalid IOCB command was detected during low-speed command processing (slow ring). %d:deviceid vpd (example: FA00 LP10000-M2) %r:Number (1 to 3 digits) Corrective action: A driver, firmware, or hardware error is likely. Contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
			Correct	12081 lpfc:xxxx:xx:xx.x Adapter error (Unknown IOCB command Data) vendor-id=10DF device-id=%d revision=%r Description: An unknown IOCB command was detected (for a function for slow-path processing with the IOCB of a non-FCP ring (e.g., ELS ring) as the target). %d: Example F980 %r: Number (1 to 3 digits) Corrective action: A driver, firmware, or hardware error is likely. If the problem persists, replace the adapter. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
19	3-158	3.2.5 Fibre-Channel-related messages	Addition	12089 lpfc:xxxx:xx:xx.x Adapter error (Adapter failed to mbxCmd CONFIG_HBQ) vendor-id=10DF device-id=%d revision=%r Description: Adapter initialization failure: the CONFIG_HBQ mailbox command failed. %d: Example F980 %r: Number (1 to 3 digits) Corrective action: This is a card or card firmware error. Contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 12090 lpfc:xxxx:xx:xx.x Adapter or Device or FC-Network error (invalid service parameters) vendor-id=10DF device-id=%d revision=%r Description: Adapter initialization failure: the CONFIG_HBQ mailbox command failed. %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the connection path (e.g., cable, switch, HBA, RAID port). If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S) 12091 lpfc:xxxx:xx:xx.x Adapter error (Adapter failed to set maximum DMA length mbxStatus) vendor-id=10DF device-id=%d revision=%r Description: Adapter initialization failure: setting of the maximum DMA length failed. %d: Example F980 %r: Number (1 to 3 digits) Corrective action: This is a card or card firmware failure. Contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 12092 lpfc:xxxx:xx:xx.x Device or FC-Network error (Invalid response length) vendor-id=10DF deviceid=% d revision=%r Description: The length of the response is invalid. Corrective action: There is a problem in the target or path. Check the connection path (e.g., cable, switch, HBA, disk device port). Severity: Warning Action: (/ /T/S)

No.	Page	Item	Description	
				12093 lpfc:xxxx:xx:xx.x Adapter or Software error (Tgt Map rport failure) vendor-id=10DF device-id=%d revision=%r Description: The remote port data on the driver is NULL. Corrective action: The card or driver has a problem. Contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S) 12094 lpfc:xxxx:xx:xx.x Adapter or Software error (Device Reset rport failure) vendor-id=10DF device-id=%d revision=%r Description: The remote port data on the driver is NULL. Corrective action: The card or driver has a problem. Contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S)
20	3-163	3.2.6 SCSI-related messages	Incorrect	13016 mptscsih: Software error (Already bound iocx <==> iocy) Description: alt_ioc is already bound (contradiction involving detection of a dual port)."iocx <==> iocy" in the message indicates a logical name. Corrective action: This is a driver failure. If the error persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S)
			Correct	13016 mptscsih: Software error (Already bound %s) Description: The alternate controller pointer of the merge source is already set in the process of detecting duplication of PCI port information. Alternatively, the alternate controller pointer of the merge destination is already set. %s: [RHEL 5.1 or earlier,5,5] iocx <==> iocy [RHEL 5.2 to 5.4] iocx iocx, iocy: Adapter name (e.g., "ioc0") Corrective action: This is a driver failure. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S)

No.	Page	Item	Description		
21	3-164	3.2.6 SCSI-related messages	Incorrect	13019	mptscsih:iocx Adapter error (IOC is in FAULT state) vendor-id=1000 device-id=%d revision=%r Description: The adapter entered the Fault state. %d:Example 0030 %r:Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the error persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
			Correct	13019	mptscsih:iocx Adapter error (IOC is in FAULT state) vendor-id=1000 deviceid=%d revision=%r Description: The adapter entered the Fault state. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: If message 13041 is output after this message, take the corrective action for event 13041. If message 13041 is not output after this message, no corrective action is required. Severity: Information Action: (/ / /S) Remarks: The warning levels are RMTS for PSA 1.21.x or earlier.
22	3-195	3.2.6 SCSI-related messages	Incorrect	13127	mptscsih:iocx Software error (PCI-MSI enabled) Description: The message signal interrupt (MSI) function cannot be enabled. Corrective action: A driver or kernel problem may have occurred. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)
			Correct	13127	mptscsih:iocx Software error (PCI-MSI enabled) Description: The message signal interrupt (MSI) function was enabled. Corrective action: None Severity: Warning Action: (//T/S)

No.	Page	Item	Description	
23	3-209	3.2.6 SCSI-related messages	Addition	13173 mptscsih:iocx Adapter error (no suitable DMA mask) vendor-id=1000 device-id=%d revision=%r Description: An invalid DMA mask was detected during adapter installation. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: This is an HBA or driver failure. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13174 mptscsih:iocx Software error (Adapter not found!) Description: The specified adapter was not found. Corrective action: The API and the driver do not match. Check their versions. Severity: Warning Action: (//T/S)

No.	Page	Item	Description	
23	3-209	3.2.6 SCSI-related messages	Addition	13175 mptscsih: Software error (Adapter not found!) Description: The specified adapter was not found. Corrective action: This is a driver failure. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S) 13176 mptscsih:iocx Adapter error (HardReset FAILED!!) vendor-id=1000 device-id=%d revision=%r Description: A hardware reset of the adapter failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13177 mptscsih:iocx Adapter error (reset failed) vendor-id=1000 device-id=%d revision=%r Description: Adapter reset failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13178 mptscsih:iocx Adapter error (DVCmdTimer_expired: HardReset FAILED!) vendor-id=1000 device-id=%d revision=%r Description: A hardware reset processing of the adapter failed (DV processing). %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description		
23	3-209	3.2.6 SCSI-related messages	Addition	13179	mptscsih:iocx Software error (pciras_readl(); recovered pci parity error with retry) Description: A pci parity error occurred in reading to the PCI. A retry was performed and the error was solved. Corrective action: Not required for the initial occurrence of the error. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)
				13180	mptscsih:iocx Software error (pciras_writel(); recovered pci parity error with retry) Description: A pci parity error occurred in reading to the PCI. A retry was performed and the error was solved. Corrective action: Not required for the initial occurrence of the error. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S)
				13181	mptscsih:iocx Adapter error (mpt_fault_reset_work: HardReset) vendor-id=1000 device-id=%d revision=%r Description: Adapter reset results are output. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
				13182	mptscsih:iocx Adapter error (IOC is in FAULT state after reset) vendor-id=1000 device-id=%d revision=%r Description: The executed adapter was reset, but it remains in the FAULT state. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
23	3-209	3.2.6 SCSI-related messages	Addition	13183 mptscsih:iocx Adapter error (pci_enable_device: failed) vendor-id=1000 device-id=%d revision=%r Description: pci_enable_device (PCI device initialization) failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13184 mptscsih:iocx Adapter error (firmware upload failure!) vendor-id=1000 device-id=%d revision=%r Description: Firmware upload for the adapter failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13185 mptscsih:iocx Adapter error (firmware downloadboot failure) vendor-id=1000 device-id=%d revision=%r Description: Firmware downloadboot failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13186 mptscsih:iocx Adapter error (host page buffers free failed) vendor-id=1000 device-id=%d revision=%r Description: The Host Page Buffer failed to be released. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description	
23	3-209	3.2.6 SCSI-related messages	Addition	13187 mptscsih:iocx Adapter error (Firmware Reload FAILED) vendor-id=1000 device-id=%d revision=%r Description: The value of the request frame pointer is Null or out of range. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13188 mptscsih:iocx Adapter error (pci_enable_device_mem() failed) vendor-id=1000 device-id=%d revision=%r Description: pci_enable_device_mem (PCI device initialization) failed. %d: Example 0030 %r: Number (1 to 3 digits) Corrective action: The HBA needs to be replaced. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13189 mptscsih:iocx Software error (failed setting 35 bit addressing for Request/Reply/Chain and Sense Buffers) Description: Buffer allocation to the adapter failed. Corrective action: A driver or kernel problem may have occurred. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (//T/S) 13190 mptscsih:iocx Adapter error (adapter_reset retry exhausted; stop reset operation) vendor-id= 1000 device-id=%d revision=%r Description: The adapter reset count exceeded the upper limit. The reset process stopped. Corrective action: Replace the HBA. If the problem persists, ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (R/M/T/S) 13191 mptscsih:iocx Adapter error (adapter_reset failed) vendor-id=1000 device-id=%d revision=%r Description: Adapter reset failed. Corrective action: Replace the HBA. If the problem persists, ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (R/M/T/S)

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23	3-209	3.2.6 SCSI-related messages	Addition	13192 mptscsih:iocx Adapter error (IOC msg unit reset failed to put ioc in ready state) vendor-id=1000 device-id=%d revision=%r Description: A reset of the IOC message unit failed to place the IOC in the READY state. Corrective action: Replace the HBA. If the problem persists, ask your Fujitsu certified service engineer to conduct an inspection. Severity: Warning Action: (R/M/T/S) 13193 mptscsih: Adapter error (Errata on LSI53C1030 occurred) Description: Errata No. 28 on the LSI53C1030 (chip) occurred during data reading. Corrective action: Convert the block size of the target data into multiples of eight. After that, retry the reading. If the problem persists, collect troubleshooting information (e.g., dumps, fjsnap), and ask your Fujitsu certified service engineer for support (investigation of the driver to identify the component suspected to be faulty). Severity: Warning Action: (R/M/T/S) 13194 mptscsih:iocx Device error (target reset failed) vendor-id=1000 device-id=%d revision=%r Description: Target reset failed. Corrective action: Replace the target device. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13195 mptscsih:iocx Adapter error (IOC Not operational) vendor-id=1000 device-id=%d revision=%r Description: The adapter is not in the operational state. Corrective action: Replace the HBA. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S) 13196 mptscsih:iocx Adapter error (Issuing HardReset) vendor-id=1000 device-id=%d revision=%r Description: Hardware will be reset. Corrective action: Replace the HBA. If the problem persists, contact your Fujitsu certified service engineer. Severity: Warning Action: (R/M/T/S)
24	3-218	3.2.7 SCSI upper layer messages	Incorrect	14020 st:st[0-9]* Device error (Can't set default drive buffering mode) vendor=%v model=%m (Omitted) Corrective action: Replace the drive. If the problem persists, contact your Fujitsu certified service engineer.

No.	Page	Item	Description	
24	3-218	3.2.7 SCSI upper layer messages	Correct	14020 st:st[0-9]* Device error (Can't set default drive buffering mode) vendor=%v model=%m (Omitted) Corrective action: Check whether the tape unit supports the buffer value indicated in the message. If the value is supported, a hardware failure has occurred. In this case, replace the drive.
25	3-219	3.2.7 SCSI upper layer messages	Incorrect	14024 st:st[0-9]* Device or Software error (Overrun) vendor=%v model=%m (Omitted) Corrective action: Replace the drive. If the problem persists, contact your Fujitsu certified service engineer.
			Correct	14024 st:st[0-9]* Device or Software error (Overrun) vendor=%v model=%m (Omitted) Corrective action: If a command such as dd was being executed for the DAT, check for a parameter specification error. If no operation error occurred, a hardware failure has occurred. In this case, replace the drive.
26	3-230	3.2.7 SCSI upper layer messages	Incorrect	14059 scsi:sxx Device error (Not ready) vendor=%v model=%m serial-no=%ser (Omitted) Corrective action: Replace the drive. If the problem persists, contact your Fujitsu certified service engineer.
			Correct	14059 scsi:sxx Device error (Not ready) vendor=%v model=%m serial-no=%ser (Omitted) Corrective action: Confirm operation. If operation is normal, replace the drive.
27	3-256	3.2.7 SCSI upper layer messages	Addition	14139 scsi:%h:%c:%i:%l Device error (I/O error) vendor=%v model=%m serialno=%ser (Omitted) Corrective action: If the return code is "0x00010000," a disk response error has occurred. In this case, replace the disk. If another return code is received, identify the type of device in question from host, id, and lun and view the sense key (extended sense) to decide what to do.
28	3-263	3.2.7 SCSI upper layer messages	Addition	14166 scsi:%h:%c:%i:%l Software error (event eaten due to OOM) Description: A process was terminated by OOM Killer. %h: host number, %c: channel number, %i: id, %l: lun number Corrective action: Appropriate measures need to be taken, such as memory expansion or system load reduction. Severity: Warning Action: (//T/S)

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28	3-263	3.2.7 SCSI upper layer messages	Addition	14167 sd:sd[a-z]* Device error (malformed MODE SENSE response) vendor=%v model=%m serial-no=%ser Description: An unknown mode sense was returned as response. %v: Vendor, e.g., FUJITSU %m: Manufacturer, e.g., MAP3367NC %ser: Serial number, e.g., 01234567 Corrective action: If the drive is a single drive, replace the disk. If the device is ETERNUS, ask your Fujitsu certified service engineer to conduct an inspection. (ETERNUS inspection) Severity: Warning Action: (R/M/T/S) 14168 scsi: Software error (FC Virtual Port device add failed) Description: Addition of an FC Virtual Port device failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap), and contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S) 14169 scsi: Software error (FC Virtual Port LLDD Create failed) Description: Creation of an FC Virtual Port LLDD failed. Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap), and contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S) 14170 scsi:%h:%c:%i:%l Software error (Cannot create vport symlinks) Description: vport symlinks cannot be created. %h: host number %c: channel number %i: id %l: lun number Corrective action: Collect troubleshooting information (e.g., dumps, fjsnap), and contact your Fujitsu certified service engineer. Severity: Warning Action: (/ /T/S)
29	3-272	3.2.8 ETERNUS MultiPath Driver-related messages	Addition	15039 MPD: Adapter or Device or FC-Network error (MPD detected event) Description: ETERNUS multipath driver detected an I/O error or FC multipath illegal configuration. Corrective action: Please refer to the *ETERNUS Multipath Driver User's Guide*, and take the corrective action according to the message multipath driver output. Severity: Warning Action: (//T/S)

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30	3-278	3.2.9 GDS-related messages	Incorrect	16010	GDS: /dev/sdx Device error (NVURM write error on disk) vendor=%v model=%m serial-no=%ser Description: An NVURM write request to a hard disk drive ended with an error. %v: Vendor, e.g., FUJITSU %m: Model, e.g., MAP3367NC %ser: Serial number, e.g., 01234567 Corrective action: A disk failure may have occurred. Inspect the logged driver messages for the failure cause. If the problem persists, contact your Fujitsu certified service engineer. Severity: Error Action: (R/M/T/S)
			Correct	16010	GDS: /dev/sdx Device error (NVURM write error on disk) vendor=%v model=%m serial-no=%ser Description: An NVURM write request to a hard disk drive ended with an error. %v: Vendor, e.g., FUJITSU %m: Model, e.g., MAP3367NC %ser: Serial number, e.g., 01234567 Corrective action: A disk failure may have occurred. Inspect the logged driver messages for the failure cause. If the problem persists, contact your Fujitsu certified service engineer. Note that this message may be output depending on the power ON/OFF timing when hot-swapping a duplicated disk on the GDS. Check the GDS status. No action is required if no problem is found. Severity: Error Action: (R/M/T/S)
31	3-279	3.2.10 GLS-related messages	Incorrect	17000	GLS: interface Network error (Link Down at TRUNKING mode) vendor-id=%vi device-id=%d revision=%r (Omitted) Action: (R/M/T/S)
			Correct	17000	GLS: interface Network error (Link Down at TRUNKING mode) vendor-id=%vi device-id=%d revision=%r (Omitted) Action: (/ /T/S)

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32	3-283	3.2.10 GLS-related messages	Incorrect	17008 GLS: Network error (route error is noticed.(sourceip)) (Omitted) Action: (R/M/T/S) 17009 GLS: Network error (route error is noticed.(target=IP)) (Omitted) Action: (R/M/T/S) 17010 GLS: Network error (all lines disabled (devicename)) (Omitted) Action: (R/M/T/S) 17011 GLS: Network error (some lines in operation (devicename)) (Omitted) Action: (R/M/T/S)
			Correct	17008 GLS: Network error (route error is noticed.(sourceip)) (Omitted) Action: (/ /T/S) 17009 GLS: Network error (route error is noticed.(target=IP)) (Omitted) Action: (/ /T/S) 17010 GLS: Network error (all lines disabled (devicename)) (Omitted) Action: (/ /T/S) 17011 GLS: Network error (some lines in operation (devicename)) (Omitted) Action: (/ /T/S)

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33	3-307	3.2.15 Windows MPD messages (New)	Addition	(The following was added as Section 3.2.15. The subsequent section numbers change accordingly.) 3.2.15 Windows MPD messages 25000 MPD: Adapter or Device or FC-Network error (MPD detected event) Description: The multipath driver detected an I/O error or FC multipath configuration error. Corrective action: Depending on the message output by the multipath driver, take corrective action according to the *ETERNUS MultiPath Driver User's Guide*. Severity: Warning Action: (/ /T/S) 25001 MPD:¥Device¥ScsiPort%2 Adapter or FC-Network error (An input/output error has occurred) vendor-id=10DF device-id=%d revision=%r Description: An I/O error was detected in ¥Device¥ScsiPortP. %2: Scsi number %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the displayed device in ¥Device¥ScsiPortP. Severity: Error Action: (R/M/T/S) 25002 MPD:¥Device¥ScsiPort%2 Adapter or FC-Network error (An input/output error has occurred) vendor-id=10DF device-id=%d revision=%r Description: An I/O error was detected in ¥Device¥ScsiPortP (PathId=B, TargetId=T). %2: Scsi number %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the displayed device in ¥Device¥ScsiPortP (PathId=B, TargetId=T). Severity: Error Action: (R/M/T/S) 25003 MPD:¥Device¥ScsiPort%3 Adapter or FC-Network error (Some of the paths could not be detected) vendor-id=10DF device-id=%d revision=%r Description: Multipath operation of the device in ¥Device¥ScsiPortP (PathId=B, TargetId=T) cannot start, such as because of a disconnected cable or device failure. %3: Scsi number %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the displayed device in ¥Device¥ScsiPortP (PathId=B, TargetId=T). Severity: Error Action: (R/M/T/S)

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33	3-307	3.2.15 Windows MPD messages (New)	Addition	25004	MPD:¥Device¥ScsiPort%3 Adapter or FC-Network error (device was removed) vendor-id=10DF device-id=%d revision=%r Description: ¥Device¥ScsiPortP (PathId=B, TargetId=T) cannot be used, such as because of a disconnected cable or device failure. %3: Scsi number %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the displayed device in ¥Device¥ScsiPortP (PathId=B, TargetId=T). Severity: Error Action: (R/M/T/S)
				25005	MPD:¥Device¥ScsiPort%2 Adapter or FC-Network error (An input/output fault) vendor-id=10DF device-id=%d revision=%r Description: The path was disconnected. %2: Scsi number %d: Example F980 %r: Number (1 to 3 digits) Corrective action: Check the displayed device in ¥Device¥ScsiPortP (PathId=B, TargetId=T). Severity: Error Action: (R/M/T/S)

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34	3-316	3.2.15 Windows PSDM messages	Addition	26031 Disk Mirror: Software error (The following mirror group has been removed automatically) Description: Driver initialization failed, or the relevant group was removed automatically because the group contains no normal disks. Corrective action: If the disk is faulty, replace the disk and then restore backup data. If driver initialization failed, reconfigure mirroring. Severity: Warning Action: (//T/S) 26032 Disk Mirror: Software error (The reserved partition has been removed automatically from the following disk) Description: Because a data inconsistency was detected in a reserved partition, the partition was removed. Corrective action: Reconfigure mirroring. Severity: Warning Action: (//T/S) 26033 Disk Mirror: Information (The following mirror group has been removed) Description: A mirror group was removed. Corrective action: Not required Severity: Information Action: (//T/S) 26034 Disk Mirror: Information (Write caching of the following disk has been disabled) Description: Write caching of the disk was disabled. Corrective action: Not required Severity: Information Action: (//T/S)
35	3-318	3.2.16 Messages for extended file unit	Incorrect	30004 %s1 Enclosure access failed Description: Access to the Enclosure (SAF-TE controller) failed. As a result, power and FAN status cannot be monitored. (4535 informative action) %s1 = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih Corrective action: Check whether the SCSI cable is normally operational and the device power is OFF. If no problems are found, the SAF-TE controller may be defective; in this case, replace the SCSI module. Severity: Warning Action: (R/M/T/S)

No.	Page	Item	Description			
35	3-318	3.2.16 Messages for extended file unit	Correct	30004	%d Enclosure access failed	
					Description:	Access to the Enclosure (SAF-TE controller) failed. As a result, power and FAN status cannot be monitored. (4535 informative action) %s1 = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih
					Corrective action:	If this message is output every hour, check for SCSI cable faults, device power outage, and other abnormalities. If no problems are found, the SAF-TE controller may be defective; in this case, replace the corresponding SCSI module.
					Severity:	Warning
					Action:	(R/M/T/S)

No.	Page	Item	Description			
36	3-319	3.2.16 Messages for extended file unit	Addition	30009	%d Detected failure on the fan (%s;status=%h)	
					Description:	A fan failure in the expansion file unit was detected. %d = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih %s = Model name DN423 rack type: PS10R DE5300: DE5300-FUJITSU %h = Status of FAN#x in Enclosure
					Corrective action:	Replace the FAN.
					Severity:	Warning
					Action:	(R/M/T/S)
				30010	%d Detected failure on the power supply unit (%s;status=%h)	
					Description:	A power unit failure in the expansion unit was detected. %d = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih %s = Model name DN423 rack type: PS10R DE5300: DE5300-FUJITSU %h= Status of PSU#x in Enclosure
					Corrective action:	Replace the power supply unit.
					Severity:	Warning
					Action:	(R/M/T/S)
				30011	%d Not Installed (%s;status=%h)	
					Description:	A fan is missing (not installed) in the expansion file unit. %d = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih %s = Model name DN423 rack type: PS10R DE5300: DE5300-FUJITSU %h = Status of FAN#x in Enclosure
					Corrective action:	Install the FAN.
					Severity:	Warning
					Action:	(R/M/T/S)

No.	Page	Item	Description			
36	3-319	3.2.16 Messages for extended file unit	Addition	30012	%d Not Installed (%s;status=%h)	
					Description:	A power supply unit is missing (not installed) in the expansion file unit. %d = Linux: Device /dev/sgx of Enclosure Windows: SCSI port Device¥scsih %s = Model name DN423 rack type: PS10R DE5300: DE5300-FUJITSU %h = Status of PSU#0 in Enclosure
					Corrective action:	Install the power supply unit.
					Severity:	Warning
					Action:	(R/M/T/S)
				30013	%d Enclosure access failed (%s)	
					Description:	The power supply status and FAN status cannot be monitored because access to the enclosure (SAF-TE controller) failed. %d = Linux:Enclosure device /dev/sgx Windows: SCSI port Device¥scsih %s = Model name DN423 rack type: PS10R DE5300: DE5300-FUJITSU
					Corrective action:	If this message is output every hour, check for SCSI cable faults, device power outage, and other abnormalities. If no problems are found, the SAF-TE controller may be defective; in this case, replace the corresponding SCSI module.
					Severity:	Warning
					Action:	(R/M/T/S)

(End of table)