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Cisco Nexus 1000V Series NX-OS System Messages Reference

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CONTENTS

Preface xvii

Audience xvii

Organization xvii

Document Conventions ii-xviii

Obtaining Documentation and Submitting a Service Request xix

CHAPTER 1

Introduction to System Messages for Cisco NX-OS 1-1

System Log Message Format 1-1

Syslog Format On a Resident Switch 1-1

Syslog Format On a Remote-Logging Server 1-3

Capturing System Messages and History 1-5

Saving the System Messages Log 1-5

Logging System Messages to a Syslog Server 1-5

CHAPTER 2

System Messages and Recovery Procedures for the Cisco Nexus 1000 and Nexus 1010 Family 2-1

AAA Messages 2-1

AAA-1 2-1

AAA-2 2-1

AAA-3 2-2

AAA-6 2-2

AAM Messages 2-2

AAM-2 2-2

AAM-3 2-2

ACLLOG Messages 2-3

ACLLOG-4 2-3

ACLLOG-6 2-3

ACLMGR Messages 2-3

ACLMGR-2 2-4

ACLMGR-3 2-5

ACLMGR-4 2-6

ACLMGR-6 2-6

ACLQOS Messages 2-7

ACLQOS-SLOT#-2 2-8

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ACLQOS-SLOT#-3	2-8
ACLQOS-SLOT#-4	2-9
ACLQOS-SLOT#-5	2-10
ACLTCAM Messages	2-10
ACLTCAM-2	2-10
ACLTCAM-3	2-13
ACLTCAM-4	2-14
ACLTCAM-6	2-14
ACL Messages	2-14
ACL-2	2-15
ACL-4	2-16
ACL-5	2-16
ACL-6	2-17
ASCII-CFG Messages	2-18
ASCII-CFG-2	2-18
ASCII-CFG-3	2-20
ASCII-CFG-6	2-20
BIOS DAEMON Messages	2-21
BIOS DAEMON-2	2-21
BIOS_DAEMON-SLOT#-2	2-22
BOOTUP TEST Messages	2-22
BOOTUP TEST-2	2-22
BOOTVAR Messages	2-23
BOOTVAR-2	2-23
BOOTVAR-3	2-24
BOOTVAR-5	2-25
BOOTVAR-6	2-26
CALLHOME Messages	2-26
CALLHOME-2	2-27
CALLHOME-3	2-27
CALLHOME-6	2-28
CDP Messages	2-28
CDP-2	2-28
CDP-3	2-28
CDP-4	2-30
CDP-5	2-30
CDP-6	2-30
CERT_ENROLL Messages	2-31
CERT_ENROLL-2	2-32
CERT_ENROLL-3	2-32

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CERT_ENROLL-6	2-32
CFS Messages	2-32
CFS-2	2-32
CFS-3	2-34
CFS-4	2-36
CFS-6	2-36
CIMSRVPROV Messages	2-38
CIMSRVPROV-2	2-39
CIMSRVPROV-3	2-39
CIMSRVPROV-6	2-40
CLIS Messages	2-40
CLIS-5	2-40
CLOUD Messages	2-40
CLOUD-2	2-41
CLOUD-3	2-41
CLOUD-6	2-41
CLUSTER Messages	2-42
CLUSTER-2	2-42
CMPPROXY Messages	2-42
CMPPROXY-2	2-42
CMPPROXY-5	2-43
CMPPROXY-6	2-43
COPP Messages	2-43
COPP-2	2-43
COPP-3	2-44
COPP-5	2-44
COPP-6	2-45
CORE-DMON Messages	2-45
CORE-DMON-2	2-45
CORE-DMON-3	2-45
CPPA_MGR Messages	2-46
CPPA_MGR-3	2-46
CPPA_MGR-5	2-47
CREDITMON Messages	2-48
CREDITMON-SLOT#-2	2-48
CTS Messages	2-48
CTS-2	2-49
CTS-3	2-51
CTS-5	2-51
DEBUGPROXY Messages	2-51

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DEBUGPROXY-6	2-51
DEVICE-ALIAS Messages	2-52
DEVICE-ALIAS-2	2-52
DEVICE-ALIAS-3	2-52
DEVICE-ALIAS-6	2-55
DEVICE_TEST Messages	2-57
DEVICE_TEST-2	2-58
DEVICE_TEST-3	2-60
DEVICE_TEST-4	2-61
DEVICE_TEST-5	2-61
DEVICE_TEST-6	2-62
DEV_LOG Messages	2-62
DEV_LOG-3	2-62
DEV_LOG-SLOT#-4	2-62
DFTM Messages	2-62
DFTM-3	2-62
DHCP_SNOOP Messages	2-63
DHCP_SNOOP-2	2-63
DHCP_SNOOP-3	2-64
DHCP_SNOOP-4	2-66
DHCP_SNOOP-6	2-67
DIAGCLIENT Messages	2-69
DIAGCLIENT-2	2-69
DIAGCLIENT-3	2-70
DIAGCLIENT-4	2-70
DIAGCLIENT-5	2-71
DIAGMGR Messages	2-71
DIAGMGR-2	2-71
DIAGMGR-3	2-72
DIAGMGR-4	2-72
DIAGMGR-5	2-73
DIAGMGR-6	2-74
DIAG_PORT_LB Messages	2-75
DIAG_PORT_LB-2	2-75
DIAG_PORT_LB-3	2-76
DIAG_PORT_LB-5	2-79
DMM Messages	2-79
DMM-SLOT#-5	2-79
DOT1X Messages	2-81
DOT1X-2	2-82

Send document comments to nexus1k-docfeedback@cisco.com

DOT1X-3	2-82
DOT1X-4	2-83
DOT1X-5	2-84
DPP_DEBUG Messages	2-85
DPP_DEBUG-2	2-85
DPVM Messages	2-85
DPVM-2	2-85
DPVM-3	2-86
DPVM-4	2-86
DPVM-6	2-87
DSTATS Messages	2-87
DSTATS-2	2-87
DSTATS-3	2-87
ELTMC Messages	2-89
ELTMC-SLOT#-2	2-89
ELTM Messages	2-91
ELTM-2	2-91
ELTM-6	2-92
EOU Messages	2-92
EOU-2	2-92
EOU-5	2-92
EOU-6	2-93
EOU-7	2-94
EPP Messages	2-95
EPP-5	2-95
ETH-PORT-SEC Messages	2-95
ETH-PORT-SEC-2	2-95
ETH-PORT-SEC-3	2-96
ETH-PORT-SEC-5	2-97
ETHPORT Messages	2-98
ETHPORT-2	2-98
ETHPORT-3	2-99
ETHPORT-4	2-100
ETHPORT-5	2-100
ETH_PORT_CHANNEL Messages	2-111
ETH_PORT_CHANNEL-1	2-111
ETH_PORT_CHANNEL-2	2-112
ETH_PORT_CHANNEL-3	2-112
ETH_PORT_CHANNEL-4	2-114
ETH_PORT_CHANNEL-5	2-115

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ETH_PORT_CHANNEL-6	2-118
ETH_PORT_CHANNEL-7	2-118
EUREKA_USD Messages	2-119
EUREKA_USD-3	2-119
EVMC Messages	2-119
EVMC-5	2-120
EVMS Messages	2-120
EVMS-2	2-120
EVMS-4	2-121
EXCEPTIONLOG Messages	2-121
EXCEPTIONLOG-SLOT#-2	2-121
FC-TUNNEL Messages	2-121
FC-TUNNEL-3	2-121
FC-TUNNEL-5	2-123
FCC_LC Messages	2-123
FCC_LC-2	2-124
FCC_LC-5	2-124
FCC-5	2-125
FCC-6	2-126
FCDDH Messages	2-126
FCDDH-SLOT#-3	2-126
FCDDH-SLOT#-4	2-127
FCDDH-SLOT#-5	2-127
FCDD Messages	2-127
FCDD-SLOT#-3	2-127
FCDD-SLOT#-4	2-127
FCDD-SLOT#-5	2-128
FCDD-SLOT#-7	2-128
FCDOMAIN Messages	2-129
FCDOMAIN-2	2-129
FCDOMAIN-3	2-132
FCDOMAIN-4	2-134
FCDOMAIN-5	2-135
FCDOMAIN-6	2-136
FCDOMAIN-7	2-142
FCFWD Messages	2-144
FCFWD-3	2-144
FCFWD-4	2-144
No action is required.	2-144
FCNS Messages	2-145

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FCNS-2	2-145
FCNS-3	2-145
FCNS-4	2-146
FCNS-6	2-147
FCSP-MGR Messages	2-147
FCSP-MGR-2	2-147
FCS Messages	2-149
FCS-2	2-149
FCS-3	2-150
FCS-4	2-151
FCS-5	2-151
FCS-6	2-152
FDMI Messages	2-152
FDMI-2	2-152
FDMI-3	2-153
FDMI-4	2-154
FDMI-6	2-154
FEATURE-MGR Messages	2-154
FEATURE-MGR-2	2-154
FICON Messages	2-154
FICON-2	2-155
FICON-3	2-155
FICON-5	2-157
FICON-6	2-157
FLOGI Messages	2-157
FLOGI-1	2-158
FLOGI-2	2-158
FLOGI-4	2-159
FLOGI-5	2-159
FS-DAEMON Messages	2-160
FS-DAEMON-2	2-160
FS-DAEMON-6	2-160
FSCM Messages	2-160
FSCM-2	2-161
FSPF Messages	2-161
FSPF-2	2-161
FSPF-3	2-161
FSPF-4	2-163
FSPF-5	2-165
FSPF-6	2-165

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FSPF-7	2-166
FWM Messages	2-166
FWM-0	2-167
FWM-1	2-167
FWM-2	2-168
FWM-3	2-169
FWM-4	2-169
FWM-6	2-170
GLBP Messages	2-170
GLBP-2	2-170
GLBP-3	2-171
GLBP-4	2-172
GLBP-5	2-174
HSRP_ENGINE Messages	2-176
HSRP_ENGINE-3	2-176
HSRP_ENGINE-4	2-176
HSRP_ENGINE-6	2-177
IKE Messages	2-179
IKE-3	2-179
IKE-4	2-181
IKE-6	2-181
ILC-SPAN Messages	2-181
ILC-SPAN-3	2-182
ILC_HELPER Messages	2-182
ILC_HELPER-2	2-182
ILC_HELPER-3	2-182
ILC_HELPER-6	2-182
IMAGE_DNLD Messages	2-183
IMAGE_DNLD-SLOT#-2	2-183
IMAGE_DNLD-SLOT#-4	2-184
IMAGE_DNLD-SLOT#-5	2-184
IMAGE_UPGRADE Messages	2-184
IMAGE_UPGRADE-SLOT#-2	2-184
IMAGE_UPGRADE-SLOT#-4	2-185
IM Messages	2-185
IM-3	2-185
IM-5	2-185
INTERFACE_VLAN Messages	2-186
INTERFACE_VLAN-5	2-186
IOA_LC Messages	2-188

Send document comments to nexus1k-docfeedback@cisco.com

IOA_LC-5	2-188
IPACL Messages	2-188
IPACL-0	2-189
IPACL-1	2-189
IPACL-2	2-189
IPACL-4	2-189
IPACL-5	2-190
IPACL-6	2-190
IPFC Messages	2-190
IPFC-2	2-190
IPFC-3	2-190
IPFC-5	2-191
IPFC-6	2-191
IPPOOL Messages	2-191
IPPOOL-3	2-191
IPPOOL-5	2-192
IPQOSMGR Messages	2-192
IPQOSMGR-2	2-192
IPQOSMGR-3	2-193
IPQOSMGR-4	2-194
IPQOSMGR-6	2-194
IPQOSMGR-SLOT#-3	2-194
IPSEC Messages	2-194
IPSEC-2	2-195
IPSEC-3	2-195
IPSEC-5	2-196
IPS_SB_MGR Messages	2-197
IPS_SB_MGR-SLOT#-2	2-197
IPS_SB_MGR-SLOT#-3	2-198
IPS_SB_MGR-SLOT#-4	2-198
IPS_SB_MGR-SLOT#-6	2-199
IPS Messages	2-199
IPS-2	2-199
IPS-3	2-199
IPS-4	2-204
IPS-5	2-205
IPS-7	2-214
IPV6 Messages	2-214
IPV6-2	2-215
IPV6-3	2-215

Send document comments to nexus1k-docfeedback@cisco.com

IPV6-4	2-215
IPV6-6	2-215
IP Messages	2-216
IP-2	2-216
IP-3	2-216
IP-4	2-217
IP-6	2-217
ISAPI Messages	2-218
ISAPI-SLOT#-0	2-218
ISAPI-SLOT#-1	2-219
ISAPI-SLOT#-2	2-219
ISAPI-SLOT#-3	2-220
ISAPI-SLOT#-4	2-221
ISAPI-SLOT#-5	2-221
ISAPI-SLOT#-6	2-222
ISAPI-SLOT#-7	2-223
ISNS Messages	2-223
ISNS-2	2-224
IVR Messages	2-224
IVR-2	2-224
IVR-3	2-227
IVR-4	2-235
IVR-5	2-236
IVR-6	2-239
IVR-7	2-240
L2FMC Messages	2-240
L2FMC-SLOT#-0	2-241
L2FMC-SLOT#-2	2-241
L2FMC-SLOT#-5	2-241
L2FMC-SLOT#-6	2-242
L2FM Messages	2-243
L2FM-0	2-243
L2FM-1	2-243
L2FM-2	2-244
L2FM-6	2-244
L2MCAST Messages	2-244
L2MCAST-SLOT#-0	2-244
L2MCAST-SLOT#-2	2-245
L2MCAST-SLOT#-6	2-245
LACP Messages	2-246

Send document comments to nexus1k-docfeedback@cisco.com

LACP-3	2-246
LACP-5	2-247
LC-FCFWD Messages	2-248
LC-FCFWD-3	2-248
LC-SPAN Messages	2-249
LC-SPAN-3	2-249
LC_CFG Messages	2-249
LC_CFG-SLOT#-2	2-249
LC_PORT_CHANNEL Messages	2-249
LC_PORT_CHANNEL-SLOT#-0	2-250
LC_PORT_CHANNEL-SLOT#-3	2-250
LC_PORT_MGR Messages	2-250
LC_PORT_MGR-SLOT#-2	2-250
LC_RDL Messages	2-251
LC_RDL-3	2-251
LC_RDL-6	2-252
LIBBASE_SVC Messages	2-252
LIBBASE_SVC-2	2-252
LIBBASE_SVC-5	2-253
LIBGD Messages	2-253
LIBGD-2	2-253
LIBGD-3	2-254
LIBGD-5	2-254
LIBGD-6	2-254
LICMGR Messages	2-255
LICMGR-2	2-255
LICMGR-3	2-256
LICMGR-4	2-258
LICMGR-6	2-258
LLDP Messages	2-259
LLDP-3	2-259
LLDP-5	2-260
LLDP-6	2-261
MAC Messages	2-261
MAC-SLOT#-2	2-261
MCAST Messages	2-261
MCAST-2	2-261
MCAST-4	2-262
MCAST-5	2-262
MCECTEST Messages	2-262

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MCECTEST-3	2-262
MCECTEST-5	2-263
MCECTEST-6	2-263
MCM Messages	2-263
MCM-5	2-263
MFDM Messages	2-263
MFDM-2	2-264
MODULE Messages	2-264
MODULE-2	2-264
MODULE-3	2-267
MODULE-4	2-267
MODULE-5	2-268
MODULE-6	2-269
MONITOR Messages	2-269
MONITOR-3	2-270
MONITOR-5	2-270
MONITOR-6	2-270
NFM Messages	2-271
NFM-2	2-271
NFM-3	2-272
NFM-4	2-273
NFM-5	2-274
NFM-6	2-274
NFM-7	2-275
NFP Messages	2-275
NFP-SLOT#-2	2-275
NPC Messages	2-276
NPC-SLOT#-3	2-277
NPC-SLOT#-4	2-277
NPC-SLOT#-5	2-277
NPV Messages	2-277
NPV-2	2-278
NPV-3	2-278
NPV-4	2-281
NPV-5	2-282
NPV-6	2-283
NPV-7	2-286
NTP Messages	2-286
NTP-2	2-287
NTP-3	2-287

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NTP-6	2-288
NVP Messages	2-288
NVP-6	2-288
NVP-SLOT#-2	2-289
OC_USD Messages	2-289
OC_USD-2	2-289
ORI_MAC Messages	2-289
ORI_MAC-6	2-289
OTM Messages	2-289
OTM-2	2-289
OTM-3	2-290
OTM-5	2-290
OTM-6	2-290
PHY_USD Messages	2-291
PHY_USD-SLOT#-4	2-291
PIXM Messages	2-291
PIXM-2	2-291
PIXM-3	2-291
PIXM-4	2-292
PLATFORM Messages	2-292
PLATFORM-0	2-292
PLATFORM-1	2-295
PLATFORM-2	2-296
PLATFORM-3	2-307
PLATFORM-4	2-309
PLATFORM-5	2-309
PLATFORM-6	2-311
PLATFORM-7	2-311
PLOG_SUP Messages	2-311
PLOG_SUP-4	2-311
PLOG Messages	2-311
PLOG-4	2-311
POLICY_ENGINE Messages	2-312
POLICY_ENGINE-5	2-312
POLICY_ENGINE-6	2-312
PORT-CHANNEL Messages	2-312
PORT-CHANNEL-1	2-312
PORT-CHANNEL-2	2-313
PORT-CHANNEL-3	2-313
PORT-CHANNEL-4	2-315

Send document comments to nexus1k-docfeedback@cisco.com

PORT-CHANNEL-5	2-316
PORT-CHANNEL-6	2-317
PORT-CHANNEL-7	2-317
PORT-PROFILE Messages	2-318
PORT-PROFILE-2	2-318
PORT-PROFILE-3	2-319
PORT-PROFILE-6	2-321
PORT-RESOURCES Messages	2-321
PORT-RESOURCES-3	2-322
PORT-RESOURCES-5	2-322
PORT-SECURITY Messages	2-322
PORT-SECURITY-2	2-322
PORT-SECURITY-3	2-323
PORT-SECURITY-4	2-325
PORT-SECURITY-6	2-325
PORT Messages	2-325
PORT-2	2-325
PORT-3	2-325
PORT-4	2-326
PORT-5	2-327
PRIVATE_VLAN Messages	2-342
PRIVATE_VLAN-3	2-342
PRIVATE_VLAN-5	2-343
PROC_MGR Messages	2-345
PROC_MGR-SLOT#-2	2-345
PROC_MGR-SLOT#-3	2-347
PROC_MGR-SLOT#-4	2-348
PROC_MGR-SLOT#-6	2-348
PSS Messages	2-348
PSS-0	2-348
PSS-1	2-349
PSS-2	2-350
PSS-4	2-350
PSS-5	2-351
QOS Messages	2-351
QOS-2	2-351
QOS-3	2-352
QOS-4	2-354
QOS-6	2-354
RADIUS Messages	2-356

Send document comments to nexus1k-docfeedback@cisco.com

RADIUS-2	2-357
RADIUS-3	2-357
RADIUS-5	2-357
RADIUS-6	2-358
RDL Messages	2-358
RDL-2	2-358
RDL-3	2-358
RDL-6	2-359
RES_MGR Messages	2-360
RES_MGR-1	2-360
RES_MGR-2	2-360
RES_MGR-3	2-361
RES_MGR-4	2-361
RES_MGR-5	2-362
RES_MGR-6	2-362
RIB Messages	2-363
RIB-0	2-363
RIB-1	2-363
RIB-2	2-363
RIB-3	2-363
RIB-4	2-364
RIB-5	2-365
RIB-6	2-365
RLIR Messages	2-365
RLIR-2	2-366
RLIR-6	2-367
RM Messages	2-367
RM-6	2-367
RM-SLOT#-2	2-367
RM-SLOT#-4	2-368
RSCN Messages	2-368
RSCN-2	2-369
RSCN-4	2-369
RSCN-6	2-370
SAL Messages	2-370
SAL-5	2-370
SAN_EXT_TUNER Messages	2-370
SAN_EXT_TUNER-3	2-371
SCHEDULER Messages	2-371
SCHEDULER-2	2-371

Send document comments to nexus1k-docfeedback@cisco.com

SCHEDULER-3	2-372
SCHEDULER-4	2-372
SCHEDULER-6	2-372
SCSI-TARGET Messages	2-373
SCSI-TARGET-2	2-373
SCSI-TARGET-3	2-374
SCSI-TARGET-7	2-376
SDV Messages	2-376
SDV-2	2-376
SDV-3	2-376
SDV-4	2-378
SDV-6	2-379
SDV-7	2-379
SECURITYD Messages	2-379
SECURITYD-2	2-379
SECURITYD-3	2-381
SECURITYD-5	2-381
SECURITYD-6	2-381
SENSOR_USD Messages	2-382
SENSOR_USD-2	2-382
SENSOR_USD-3	2-382
SENSOR_USD-5	2-383
SENSOR_MGR Messages	2-383
SENSOR_MGR-2	2-384
SENSOR_MGR-3	2-384
SENSOR_MGR-4	2-384
SFC Messages	2-384
SFC-3	2-384
SFM Messages	2-384
SFM-2	2-385
SFM-6	2-385
SKSD Messages	2-385
SKSD-5	2-385
SKT_USD Messages	2-387
SKT_USD-3	2-387
SME_CPP Messages	2-387
SME_CPP-2	2-387
SME_CPP-3	2-388
SME_CPP-5	2-390
SME_CPP-SLOT#-2	2-394

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SME_CPP-SLOT#-3	2-395
SME_CPP-SLOT#-4	2-395
SNMPD Messages	2-395
SNMPD-1	2-395
SNMPD-2	2-396
SNMPD-3	2-396
SNMPD-4	2-396
SNMPD-5	2-396
SNMPD-6	2-396
SNMPD-7	2-397
SPAN Messages	2-397
SPAN-2	2-397
SPAN-3	2-397
SPAN-5	2-398
SPAN-6	2-399
SPI Messages	2-399
SPI-SLOT#-2	2-399
STP Messages	2-399
STP-2	2-400
STP-3	2-406
STP-4	2-406
STP-6	2-407
SVC_BATTERY Messages	2-409
SVC_BATTERY-SLOT#-2	2-409
SVC_BATTERY-SLOT#-4	2-411
SVC_BATTERY-SLOT#-6	2-411
SVC Messages	2-412
SVC-0	2-412
SVC-1	2-412
SVC-2	2-412
SVC-3	2-413
SVC-4	2-425
SVC-5	2-434
SVC-6	2-434
SVC-7	2-451
SYSMGR Messages	2-451
SYSMGR-2	2-452
SYSMGR-3	2-474
SYSMGR-4	2-483
SYSMGR-5	2-484

Send document comments to nexus1k-docfeedback@cisco.com

SYSMGR-6	2-489
SYSMGR-7	2-491
SYSTEMHEALTH Messages	2-493
SYSTEMHEALTH-2	2-493
SYSTEMHEALTH-4	2-496
SYSTEMHEALTH-5	2-501
SYSTEMHEALTH-6	2-503
TACACS Messages	2-505
TACACS-2	2-505
TACACS-3	2-505
TACACS-5	2-506
TACACS-6	2-506
TCAP Messages	2-506
TCAP-2	2-507
TLPORT Messages	2-507
TLPORT-2	2-507
TLPORT-3	2-507
TLPORT-4	2-508
TLPORT-6	2-508
TPC Messages	2-509
TPC-SLOT#-5	2-509
TTYD Messages	2-510
TTYD-2	2-510
TTYD-3	2-510
TTYD-6	2-511
TUNNEL Messages	2-511
TUNNEL-3	2-511
TUNNEL-4	2-511
TUNNEL-5	2-512
TUNNEL-7	2-513
UDLD Messages	2-513
UDLD-3	2-513
UDLD-4	2-514
UDLD-5	2-515
UFDM Messages	2-515
UFDM-2	2-515
VDC_MGR Messages	2-516
VDC_MGR-2	2-516
VDC_MGR-3	2-517
VDC_MGR-6	2-517

Send document comments to nexus1k-docfeedback@cisco.com

VEC Messages	2-517
VEC-SLOT#-3	2-518
VEC-SLOT#-4	2-518
VEC-SLOT#-5	2-518
VEDB_MGR Messages	2-522
VEDB_MGR-2	2-522
VEDB_MGR-6	2-522
VEM_MGR Messages	2-522
VEM_MGR-2	2-523
VEM_MGR-3	2-525
VEM_MGR-5	2-525
VEM_MGR-6	2-526
VES Messages	2-526
VES-SLOT#-4	2-526
VES-SLOT#-5	2-526
VFC Messages	2-527
VFC-3	2-528
VFC-6	2-528
VIM Messages	2-528
VIM-5	2-528
VLAN_MGR Messages	2-530
VLAN_MGR-2	2-530
VLAN_MGR-6	2-531
VMM Messages	2-531
VMM-2	2-531
VMS Messages	2-532
VMS-2	2-532
VMS-3	2-532
VMS-5	2-533
VNI Messages	2-536
VNI-2	2-536
VNI-3	2-537
VNI-6	2-537
VNS_AGENT Messages	2-537
VNS_AGENT-2	2-537
VNS_AGENT-3	2-538
VNS_AGENT-5	2-539
VNS_AGENT-6	2-539
VNS_AGENT-7	2-539
VPC Messages	2-539

Send document comments to nexus1k-docfeedback@cisco.com

VPC-2	2-540
VPC-3	2-541
VPC-4	2-543
VPC-5	2-543
VPC-6	2-545
VPM Messages	2-548
VPM-2	2-548
VPM-3	2-549
VPM-4	2-550
VPM-6	2-550
VPM-SLOT#-2	2-552
VRRP-CFG Messages	2-552
VRRP-CFG-2	2-553
VRRP-CFG-3	2-553
VRRP-CFG-5	2-553
VRRP-ENG Messages	2-553
VRRP-ENG-2	2-554
VRRP-ENG-3	2-554
VRRP-ENG-4	2-554
VRRP-ENG-5	2-555
VRRP-ENG-6	2-555
VSAN Messages	2-555
VSAN-2	2-556
VSAN-3	2-556
VSAN-6	2-556
VSD Messages	2-557
VSD-SLOT#-2	2-557
VSHD Messages	2-558
VSHD-2	2-558
VSHD-3	2-558
VSHD-4	2-559
VSHD-5	2-560
VSHD-7	2-560
WWN Messages	2-560
WWN-1	2-561
WWN-2	2-561
WWN-3	2-562
WWN-4	2-564
WWN-5	2-564
WWN-6	2-565

Send document comments to nexus1k-docfeedback@cisco.com

WWN-7	2-566
XBAR_CLIENT Messages	2-566
XBAR_CLIENT-2	2-567
XBAR_CLIENT-3	2-567
XBAR_CLIENT-SLOT#-2	2-568
XBAR_CLIENT-SLOT#-3	2-568
XBAR Messages	2-568
XBAR-2	2-569
XBAR-3	2-569
XBAR-5	2-569
XMLMA Messages	2-573
XMLMA-2	2-574
XMLMA-3	2-574
XMLMA-5	2-574
XMLMA-6	2-575
XMLSA Messages	2-575
XMLSA-2	2-575
XMLSA-5	2-576
XMLSA-6	2-576
ZONE Messages	2-576
ZONE-2	2-576
ZONE-3	2-584
ZONE-4	2-584
ZONE-5	2-587
ZONE-6	2-588

CHAPTER 3

System Messages and Recovery Procedures for the Cisco Virtual Ethernet Module 3-1

PVLAN VEM	3-1
PVLAN-VEM	3-1
SVS QoS Messages	3-1
ipqos-vem	3-2
QoS Agent	3-3
QOS Failure	3-4
SYSDOC_NO_DDTS Messages	3-5
NW_STATE_TRACKING_INTERFACE_INACTIVE	3-5
SF Port	3-6
SFS Switch Data	3-6
VSS Net	3-6

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Preface

This document lists and describes the system messages for Cisco NX-OS including Cisco Virtual Security Gateway. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all messages indicate a problem with your system. Some messages are purely informational, while others might help diagnose problems with links, internal hardware, or the system software.

This document includes system messages for all CiscoNX-OS software releases.

This preface describes the audience, organization, and conventions of this guide. It also provides information on how to obtain related documentation.

Audience

This guide is for system administrators who are responsible for managing Cisco NX-OS systems.

Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to System Messages for Cisco NX-OS	Describes the structure of system messages and the format of system log files.
Chapter 2	System Messages and Recovery Procedures for the Cisco Nexus 1000 and Nexus 1010 Family	Lists the messages that may appear in log files, and indicates suggested remedies where applicable for the Cisco Nexus 1000 and Nexus 1010 Family.
Chapter 3	System Messages and Recovery Procedures for the Cisco Virtual Ethernet Module	Lists the messages that may appear in log files, and indicates suggested remedies where applicable for the Cisco Virtual Ethernet Module.

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Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

<code>screen font</code>	Terminal sessions and information that the switch displays are in screen font.
<code>boldface screen font</code>	Information that you must enter is in boldface screen font.
<i><code>italic screen font</code></i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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CHAPTER 1

Introduction to System Messages for Cisco NX-OS

This chapter describes system messages, as defined by the syslog protocol (RFC 3164). It describes how to understand the syslog message format and how to capture system messages for review.

This chapter contains the following sections:

- [System Log Message Format, page 1-1](#)
- [Capturing System Messages and History, page 1-5](#)

System Log Message Format

System log messages begin with a percent sign (%) and are displayed in the following formats:

- [Syslog Format On a Resident Switch, page 1-1](#)
- [Syslog Format On a Remote-Logging Server, page 1-3](#)

Syslog Format On a Resident Switch

The format for a resident syslog is:

```
month dd hh:mm:ss switchname facility-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-SLOTnumber-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-STANDBY-severity-MNEMONIC description
```

For example:

```
Nov 1 14:07:58 excal-113 %MODULE-5-MOD_OK: Module 1 is online
Nov 1 14:07:58 excal-113 %PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface
fc1/13 is not supported
.
```

Table 1-1 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event

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Table 1-1 *System Log Message Format Description (continued)*

Element	Description
switchname	The name of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 7 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message
%%\$VDC #%%\$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
%%\$VRF #%%\$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

FACILITY is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message **SEVERITY** codes range from 0 to 7 and reflect the severity of the condition. The lower the number, the more serious the situation. [Table 1-2](#) lists the severity levels.

Table 1-2 *System Message Severity Levels*

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – error	Error condition
4 – warning	Warning condition
5 – notification	Normal but significant condition
6 – informational	Informational message only
7 – debugging	Appears during debugging only

MNEMONIC is a code that uniquely identifies the system message.

Message-text is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets (`[ ]`). A decimal number, for example, is represented as `[dec]`.

[Table 1-3](#) lists the representations of variable fields and the type of information in the fields.

Table 1-3 *Representation of Variable Fields in System Messages*

Representation	Type of Information
<code>[dec]</code>	Decimal number
<code>[hex]</code>	Hexadecimal number

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Table 1-3 Representation of Variable Fields in System Messages

Representation	Type of Information
[char]	Single character
[chars]	Character string

The following example system message shows how the variable field might be used:

```
%MODULE-5-MOD_MINORSWFAIL: Module [dec] reported a failure in service [chars]
In this example,
```

Facility code =MODULE (indicating that it is a module-specific error)

Severity =5 (notification)

Alarm/event code= MOD_MINORSWFAIL

Description of the problem= Module [dec] reported a failure in service [chars]

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

System log messages begin with a percent sign (%) and are displayed in the following format (see [Table 1-4](#)).

Syslog Format On a Remote-Logging Server

The syslog format on a remote-logging server is:

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone: facility-severity-MNEMONIC
description
```

or

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone:
facility-SLOTnumber-severity-MNEMONIC description
```

or

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone: facility-STANDBY-severity-MNEMONIC
description
```

For example:

```
sep 21 11:09:50 172.22.22.45 : 2005 Sep 04 18:18:22 UTC: %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
switch resident syslog 2005 Sep 4 18:18:22 switch %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
time on switch : 2005 Sep 4 18:18:22 time on Logging Server : Sep 21 11:09:50
fcl/13 is not supported
.
```

Table 1-4 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event
IP-addr-switch	The IP address of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 3 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message

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Table 1-4 *System Log Message Format Description (continued)*

Element	Description
%%\$VDC #%%\$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
%%\$VRF #%%\$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

FACILITY is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message **SEVERITY** codes range from 0 to 3 and reflect the severity of the condition. The lower the number, the more serious the situation. [Table 1-5](#) lists the severity levels.

Table 1-5 *System Log Message Format description*

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – notification	Normal but significant condition

MNEMONIC is a code that uniquely identifies the system message.

Message-text is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets ([]). A decimal number, for example, is represented as [dec].

[Table 1-6](#) lists the representations of variable fields and the type of information in the fields.

Table 1-6 *Representation of Variable Fields in System Messages*

Representation	Type of Information
[dec]	Decimal number
[hex]	Hexadecimal number
[char]	Single character
[chars]	Character string

The following example system message shows how the variable field might be used:

```
%AUTHPRIV-3-SYSTEM_MSG: AUTHPRIV [dec] reported a failure in service [chars]
```

In this example,

Facility code =AUTHPRIV (indicating that it is a authpriv-specific error)

Severity =3 (notification)

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Alarm/event code= SYSTEM_MSG

Description of the problem= Authpriv [dec] reported a failure in service [chars]

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

Capturing System Messages and History

The system messages are displayed instantly on the console, by default, or are redirected to an internal log file, or a syslog server. System message severity levels correspond to the keywords assigned by the **logging** global configuration commands. These keywords define where and at what level these messages appear (see to the *Cisco NX-OS System Management Configuration Guide*). Only system messages that correspond to the configured logging level or higher severity messages are logged. As an example, if you set the logging level to 3 (error), then you get error, critical, alerts, and emergency system messages, but you do not get warning, notification, informational, or debugging system messages.

For complete information about handling system messages, see the *Cisco NX-OS System Management Configuration Guide, Release 4.1*.

Saving the System Messages Log

The **logging logfile** global configuration command enables copying of system messages to an internal log file and optionally sets the size of the file. To display the messages that are logged in the file, use the **show logging EXEC** command. The first message displayed is the oldest message in the buffer. To clear the current contents of the buffer, use the **clear debug-logfile** command.

Logging System Messages to a Syslog Server

The **logging host-name** command identifies a syslog server host to receive logging messages. The *host-name* argument is the name or Internet address of the host. By issuing this command more than once, you build a list of syslog servers that receive logging messages. The **no logging host-name** command deletes the syslog server with the specified address from the list of syslog servers.

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CHAPTER 2

System Messages and Recovery Procedures for the Cisco Nexus 1000 and Nexus 1010 Family

This chapter includes system messages for the Cisco NX-OS Nexus1000 and Nexus 1010 families of switches. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by severity and mnemonics. Each error message is followed by an explanation and a recommended action.

AAA Messages

This section contains the AAA messages.

AAA-1

Error Message AAA-1-AAA_SESSION_LIMIT_REJECT: aaa request rejected as maximum aaa sessions are in progress

Explanation Aaa request rejected as the limit for maximum concurrent aaa sessions is reached

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-2

Error Message AAA-2-AAA_NVRAM_UPGRADE_FAILURE: upgrading of accounting log failed.
[chars]

Explanation Upgrading of accounting log failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message AAA-2-AAA_PROGRAM_EXIT: aaa daemon exiting: [chars]

Explanation Aaa daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-3

Error Message AAA-3-AAA_NVRAMFAILURE: nvram failure

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-6

Error Message AAA-6-AAA_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

AAM Messages

This section contains the AAM messages.

AAM-2

Error Message AAM-2-ELS_FC2_GL_SINDEX_LOOKUP_FAILED: Failed to lookup global port index for interface [[chars]]

Explanation Failed to lookup global port index for interface [chars]

Recommended Action No action is required.

AAM-3

Error Message AAM-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation AAM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

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Error Message AAM-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]

Explanation AAM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

ACLLOG Messages

This section contains the ACLLOG messages.

ACLLOG-4

Error Message ACLLOG-4-ACLLOG_MAXFLOW_REACHED: [chars]

Explanation Max flow reached in current interval: [chars]

Recommended Action No action is required.

Error Message ACLLOG-4-ACLLOG_THRESHOLD: [chars]

Explanation Threshold Reached for Flow: [chars]

Recommended Action No action is required.

ACLLOG-6

Error Message ACLLOG-6-ACLLOG_FLOW_INTERVAL: [chars]

Explanation Flow info in current alert interval: [chars]

Recommended Action No action is required.

Error Message ACLLOG-6-ACLLOG_NEW_FLOW: [chars]

Explanation New Acllog Flow: [chars]

Recommended Action No action is required.

ACLMGR Messages

This section contains the ACLMGR messages.

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ACLMGR-2

Error Message ACLMGR-2-ACLMGR_COMMIT_FAIL: Commit failed: client %lX, [chars]

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message ACLMGR-2-ACLMGR_NO_ERRDISABLED: [chars] event on interface [chars] ([hex]) allowed to succeed in spite of access-list failure

Explanation Although an access-list operation failed during a port event, the port event still finished successfully because errdisable is disallowed

Recommended Action No action is required.

Error Message ACLMGR-2-EXITING: Exit reason: [chars]

Explanation The ACLMGR service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message ACLMGR-2-INITFAIL: ACLMGR Service Init failed: [chars]

Explanation ACLMGR Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ACLMGR-2-MALLOC_ERROR: Size [dec] bytes

Explanation The ACLMGR service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ACLMGR-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The ACLMGR service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

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ACLMGR-3

Error Message ACLMGR-3-ACLMGR_ACL_ON_FAB_INACTIVE: ACL on FEX fabric interface not activated

Explanation ACL applied to a FEX fabric port or port-channel is not activated

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_ACL_OVER_FAB_CHANNEL: ACL on FEX fabric port-channel bound interface not activated

Explanation ACL applied to a FEX interface is not activated if the interface is bound to a FEX-fabric portchannel

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_PPF_ERROR: PPF error: [chars]

Explanation The PPF generated error

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The ACLMGR service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_STAT_CONSOLIDATION_FAILURE: ACL statistic parsing or consolidation failed

Explanation A statistic update failed during the parsing or consolidation step; statistics may have been lost

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_VACL_REDIRECTION_DISABLED_REMOVAL: VACL redirection to interface [chars] ([hex]) disabled: the port has been removed

Explanation A VACL redirection to the port has been deactivated because the port has been removed

Recommended Action No action is required.

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Error Message ACLMGR-3-ACLMGR_VERIFY_FAIL: Verify failed: client %lX, [chars]

Explanation The PPF Verify failed

Recommended Action No action is required.

Error Message ACLMGR-3-MTSError: [chars]

Explanation ACLMGR Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

ACLMGR-4

Error Message ACLMGR-4-ACLMGR_PPF_WARNING: PPF warning: [chars]

Explanation The PPF generated warning

Recommended Action No action is required.

Error Message ACLMGR-4-ACLMGR_VACL_REDIRECTION_DISABLED_PCM: VACL redirection to interface [chars] ([hex]) disabled: the port became a portchannel member

Explanation A VACL redirection to the port has been temporarily deactivated because it is now a member in a port channel

Recommended Action No action is required.

Error Message ACLMGR-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the ACLMGR service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

ACLMGR-6

Error Message ACLMGR-6-ACLMGR_PPF_NOTIF: PPF notification: [chars]

Explanation The PPF generated notification

Recommended Action No action is required.

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Error Message ACLMGR-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The ACLMGR service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message ACLMGR-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The ACLMGR service became standby from active mode.

Recommended Action No action is required.

Error Message ACLMGR-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The ACLMGR service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message ACLMGR-6-SERVICE_UP: Initialized [chars]

Explanation The ACLMGR service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message ACLMGR-6-SRVEXIT: ACLMGR Service shutting down gracefully

Explanation ACLMGR Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message ACLMGR-6-SWITCHOVER: Switching Over to other Sup.

Explanation The ACLMGR service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

ACLQOS Messages

This section contains the ACLQOS messages.

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ACLQOS-SLOT#-2

Error Message ACLQOS-SLOT#-2-ACLQOS_FAILED: ACLQOS failure: [chars]

Explanation ACLQOS operation failed in the aclqos client

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_INBAND_INTERFACE_FAILURE: Inband interface lif lookup failed ([chars])

Explanation Inband interface lif lookup failed

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_MALLOC_FAILED: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_OOTR: Tcam resource exhausted: [chars]

Explanation Tcam resources to program acls exhausted

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-PPF_FAILED: Database failure: [chars]

Explanation Database operation failed in the aclqos client

Recommended Action No DDTS.

ACLQOS-SLOT#-3

Error Message ACLQOS-SLOT#-3-ACLQOS_CC_INVALID: Invalid Congestion Control parameters

Explanation Invalid Congestion Control parameters

Recommended Action No DDTS.

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Error Message ACLQOS-SLOT#-3-ACLQOS_PAUSE_INVALID: Invalid Pause parameters

Explanation Invalid Pause parameters

Recommended Action No DDTs.

Error Message ACLQOS-SLOT#-3-ACLQOS_QUEUEING_ERROR: ACL/QoS queuing error: [chars]

Explanation Internal error in ACL/QoS queuing config

Recommended Action No DDTs.

ACLQOS-SLOT#-4

Error Message ACLQOS-SLOT#-4-ACLQOS_ATOMIC_ERR: [chars]

Explanation Tcam will be overused, please turn off atomic update

Recommended Action No DDTs.

Error Message ACLQOS-SLOT#-4-ACLQOS_MATCH_ALL_MERGE_UPDATE: Warning (match_all merging): [chars]

Explanation Warning (match_all merging)

Recommended Action No DDTs.

Error Message ACLQOS-SLOT#-4-ACLQOS_OVER_THRESHOLD: Tcam [dec] Bank [dec]'s usage has reached its threshold

Explanation Tcam is almost full

Recommended Action No DDTs.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUEING_COS2Q_INVALID: ACL/QoS invalid queuing policy because of cos map change: [chars] queue [chars], interface [chars]

Explanation Attempted to configure an invalid queuing policy

Recommended Action No DDTs.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUEING_INVALID: ACL/QoS invalid queuing policy: [chars]

Explanation Attempted to configure an invalid queuing policy

Recommended Action No DDTs.

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Error Message ACLQOS-SLOT#-4-ACLQOS_UNDER_THRESHOLD: Tcam [dec] Bank [dec]'s usage is below the threshold now

Explanation Tcam's usage is below the threshold

Recommended Action No DDTS.

ACLQOS-SLOT#-5

Error Message ACLQOS-SLOT#-5-ACLQOS_DISRUPTIVE_IPv6_UPDATE: Disruptive update of IPv6 compression entries

Explanation Disruptive IPv6 compression entries update

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-5-ACLQOS_NON_ATOMIC: Non atomic ACL/QoS policy update done for [chars]

Explanation Non atomic ACL/QoS policy update was done

Recommended Action No DDTS.

ACLTCAM Messages

This section contains the ACLTCAM messages.

ACLTCAM-2

Error Message ACLTCAM-2-ACL_TCAM_ADJ_EXHAUSTED: ACLTCAM failed to program route for VSAN: [dec], SID: [chars] DID: [chars], error: [chars].

Explanation ACLTCAM process experienced a failure while programming route for VSAN [dec] SID [chars] DID [chars] due to resource exhaustion. [chars] is the error code.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_ALMOST_FULL: TCAM close to FULL. [chars] TCAM Usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

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Error Message ACLTCAM-2-ACL_TCAM_CONFIG_READ_FROM_DRIVER_FAILED: [chars] [dec], Error: [hex].

Explanation Unable to read configuration from forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_CONFIG_WRITE_TO_DRIVER_FAILED: [chars] [dec], Error: [hex].

Explanation Unable to write configuration to forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INCONSISTENT_DATABASE: Database found inconsistent.

Explanation Database found inconsistent.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INCONSISTENT_TCAM_CONTENTS: TCAM contents found inconsistent.

Explanation TCAM contents are found inconsistent.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INIT_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM.

Explanation Initialization failed for forwarding engine ASIC [dec], in [chars] TCAM.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INIT_REGIONS_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM, [chars] Region.

Explanation Initialization of regions failed for forwarding engine ASIC [dec], in [chars] TCAM, for [chars] Region.

Recommended Action No action is required.

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Error Message ACLTCAM-2-ACL_TCAM_MALLOC_FAILURE: Memory allocation failed for size [dec].

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message ACLTCAM-2-ACL_TCAM_MTS_FAILURE: MTS operation failed: [chars].

Explanation MTS operation failed. [chars] is the reason.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_MTS_REGISTRATION_FAILED: MTS registration failed for opCode: [dec].

Explanation MTS registration failed for opCode: [dec].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_NO_ROUTE: ACLTCAM failed to get route for VSAN: [dec], Rewrite: [chars] DID: [chars] DID MASK: [chars], error: [hex].

Explanation ACLTCAM process experienced a failure while getting route for VSAN [dec] Rewrite [chars] DID [chars] DID Mask [chars]. [hex] is the error code.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_NO_TCAM_LEFT: ACLTCAM resource exhausted for interface : [chars]

Explanation ACLTCAM hardware resource is completely used.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_FAILED: [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).

Explanation [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

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Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_INVALID: Invalid([chars], value: [dec]) TCAM entry read from hardware TCAM (FWD-Engine: [dec], [chars] TCAM, Address: [dec]), Ignoring this entry.

Explanation Invalid([chars], value: [dec]) TCAM entry from hardware TCAM(FWD-Engine: [dec], [chars] TCAM, Address: [dec]) Ignoring this entry

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_WRITE_FAILED: [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).

Explanation [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message ACLTCAM-2-PSS_OPEN_FAILED: PSS open failed - [hex].

Explanation Persistent database handle could not obtained for ACLTCAM. [hex] is the error.

Recommended Action No action is required.

Error Message ACLTCAM-2-RECONS_FAILED: Reconstruction of TCAM contents failed during upgrade - [hex].

Explanation During non-disruptive upgrade, the ACLTCAM contents are not properly reconstructed. [hex] is the error.

Recommended Action No action is required.

ACLTCAM-3

Error Message ACLTCAM-3-REGISTER_FAILED: Could not register to MTS opcode [chars] - error [hex].

Explanation ACLTCAM process could not register to the notifications mentioned by [chars]. [hex] is the error.

Recommended Action No action is required.

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ACLTCAM-4

Error Message ACLTCAM-4-ACL_TCAM_BELOW_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) fell below [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] fell below [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_BEYOND_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_INVALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] with statistics: frames = %llu & bytes = %llu was invalidated due to: [chars]

Explanation ACLTCAM process invalidated the flow counter for flow VSAN [dec] SID [hex] DID [hex] with collected stats of [dec] frames and [dev] bytes was invalidated because of reason [[chars]].

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_VALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] is now valid

Explanation ACLTCAM process validated the flow counter for flow VSAN [dec] SID [hex] DID [hex].

Recommended Action No action is required.

ACLTCAM-6

Error Message ACLTCAM-6-ACL_TCAM_STATUS: Status: [chars].

Explanation ACLTCAM status is reported as: [chars].

Recommended Action No action is required.

ACL Messages

This section contains the ACL messages.

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ACL-2

Error Message ACL-2-ACL_HA_FAILURE: Failed to do high availability operation: [chars].

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_INIT_FAILED: Initialization failed for ACL: [chars], reason: [hex].

Explanation Initialization failed for ACL due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message ACL-2-ACL_LINECARD_STATUS: Status from linecard: [dec], for module: [chars] (ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Explanation Status from linecard: [dec], for module: [chars] (ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action No action is required.

Error Message ACL-2-ACL_MTS_FAILURE: Failed to do MTS operation: [chars].

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message ACL-2-ACL_PENDING_MSG_ARR_FULL: ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]

Explanation ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]

Recommended Action No action is required.

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Error Message ACL-2-ACL_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message ACL-2-ACL_RUNTIME_FAILURE: [chars] [dec], Error: [hex]

Explanation ACL runtime failure is reported as [chars] [dec], reason: [hex].

Recommended Action No action is required.

Error Message ACL-2-ACL_TCAM_FAILURE: Failed to do TCAM operation: [chars].

Explanation Failed to do TCAM operation. [chars] is the reason.

Recommended Action No action is required.

ACL-4

Error Message ACL-4-ACL_WARNING: [chars] [dec]

Explanation ACL warning messages is reported as [chars] [dec].

Recommended Action No action is required.

ACL-5

Error Message ACL-5-ACL_ADJ_SHARING_STATUS: Successfully completed [chars] on Generation 2 linecards.

Explanation Successfully completed the command \[chars]\ on Generation 2 linecards.

Recommended Action No action is required.

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ACL-6

Error Message ACL-6-ACL_DIAG_EVENT_STATUS: [chars] [hex] .

Explanation ACL system health management event status is reported as [chars] [hex].

Recommended Action No action is required.

Error Message ACL-6-ACL_E_PORT_EVENT_STATUS: [chars] [chars] .

Explanation ACL xEport event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_FCC_EVENT_STATUS: [chars] [chars] .

Explanation ACL FCC event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_LINECARD_EVENT_STATUS: [chars] [hex] .

Explanation ACL linecard event status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ACL-6-ACL_MCAST_EVENT_STATUS: [chars] [chars] .

Explanation ACL multicast event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_NX_PORT_EVENT_STATUS: [chars] [chars] .

Explanation ACL Nx Port event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_PORT_MODE_EVENT_STATUS: [chars] [chars] .

Explanation ACL portmode event status is reported as [chars] [chars].

Recommended Action No action is required.

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Error Message ACL-6-ACL_RUNTIME_STATUS: [chars] [dec]

Explanation ACL runtime status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ACL-6-ACL_SPAN_DEST_CONFIG_STATUS: [chars] [chars].

Explanation ACL SPAN destination config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_SPAN_SRC_CONFIG_STATUS: [chars] [chars].

Explanation ACL SPAN source config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_STATUS: ACL Status: [chars].

Explanation ACL status is reported as [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].

Explanation ACL update SSRAM for QoS event status is reported as [chars] [chars].

Recommended Action No action is required.

ASCII-CFG Messages

This section contains the ASCII-CFG messages.

ASCII-CFG-2

Error Message ASCII-CFG-2-ACFG_CONFIGURATION_APPLY_ERROR: Error encountered while Ascii configuration was being applied. Please use show startup-config log to view details

Explanation At least one command failed while Ascii configuration was being applied

Recommended Action No action is required.

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Error Message ASCII-CFG-2-ACFG_LIB_INVOKE_ERR: Ascii config library invocation error: [chars]

Explanation Error encountered while library function was being invoked to display Ascii configuration

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_OPER_FAIL: Operation failed because of [chars]

Explanation Operation failed

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_ROLLBACK_FAILED: Rollback to checkpoint [chars] Failed, Going to undo the changes (atomic option)

Explanation Rollback operation failed for atomic option

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_ROLLBACK_UNDO_FAILED: Undo failed for atomic Rollback, Please correct the error manually and retry rollback

Explanation Undoing the rollback changes (for atomic behavior) Failed

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_SYSLOG_INIT_FAILED: Ascii config Syslog Init Error

Explanation Error encountered while Initializing Syslog for Ascii Config

Recommended Action No action is required.

Error Message ASCII-CFG-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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ASCII-CFG-3

Error Message ASCII-CFG-3-ACFG_MTSERROR: [chars]

Explanation Ascii-cfg-server (rollback process) encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

ASCII-CFG-6

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_CLEAR_DATABASE: cleared all the configuration checkpoints

Explanation Cleared all the configuration checkpoints

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_CREATED: Created configuration checkpoint [chars]

Explanation Created configuration checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_DELETED: Deleted configuration checkpoint [chars]

Explanation Deleted configuration checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_MAX_CHECKPOINTS: Maximum no of checkpoints reached, Removing the oldest checkpoint

Explanation Maximum no.of checkpoints reached, removing the oldest checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_ROLLBACK_ATOMIC: Performing configuration rollback to checkpoint [chars] (with atomic option)

Explanation Performing configuration rollback with atomic option

Recommended Action No action is required.

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Error Message ASCII-CFG-6-ACFG_ROLLBACK_BEST: Performing configuration rollback to checkpoint [chars] (with best-effort option)

Explanation Performing configuration rollback with best-effort option

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_ROLLBACK_FIRST_ERR: Performing configuration rollback to checkpoint [chars] (with stop-at-first failure option)

Explanation Performing configuration rollback with stop-at-first-failure option

Recommended Action No action is required.

Error Message ASCII-CFG-6-INFORMATION: [chars]

Explanation An event happend that affects Acfg-Rollback. [chars] indicates the event

Recommended Action No action is required.

Error Message ASCII-CFG-6-PSS_ERR: [chars]

Explanation An error occurred during an Acfg PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

BIOS DAEMON Messages

This section contains the BIOS DAEMON messages.

BIOS DAEMON-2

Error Message BIOS_DAEMON-2-BIOS_DAEMON_FLASH_WARNING: Flash chip not supported by running image. Skipping bios upgrade.

Explanation BIOS CHIP NOT SUPPORTED

Recommended Action No action is required.

Error Message BIOS_DAEMON-2-BIOS_DAEMON_PRI_BOOT_FAIL: Primary BIOS is corrupted or un-bootable

Explanation PRIMARY BIOS CORRUPTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message BIOS_DAEMON-2-BIOS_DAEMON_SUP_ERROR: BIOS Sector ([dec]) is write protected

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

BIOS_DAEMON-SLOT#-2

Error Message BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_ERROR: BIOS Sector ([dec]) is write protected

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_PRI_BOOT_FAIL: Primary BIOS is corrupted or un-bootable

Explanation PRIMARY BIOS CORRUPTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

BOOTUP TEST Messages

This section contains the BOOTUP TEST messages.

BOOTUP TEST-2

Error Message BOOTUP_TEST-2-EOBC_FAIL: Module [dec] has failed test [chars] on EOBC due to error [chars]

Explanation Online diagnostics EOBC test has failed

Recommended Action No action is required.

Error Message BOOTUP_TEST-2-EOBC_SKIP: Module [dec] has failed test [chars] on EOBC due to error [chars]

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

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Error Message BOOTUP_TEST-2-MGMT_PORT_FAIL: Module [dec] has failed test [chars] on Management Port due to error [chars]

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

Error Message BOOTUP_TEST-2-MGMT_PORT_SKIP: Module [dec] has skipped test [chars] on Management Port due to error [chars]

Explanation Online diagnostics ManagementPort test is skipped

Recommended Action No action is required.

BOOTVAR Messages

This section contains the BOOTVAR messages.

BOOTVAR-2

Error Message BOOTVAR-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate memory.

Recommended Action Check if the system is low on memory, if so reset the switch.

Error Message BOOTVAR-2-AUTOCOPY_FAILED: Autocopy of file [chars] to standby failed. [chars] (Error-id: [hex])

Explanation The image deemed to be copied to standby via the auto-copy feature failed.

Recommended Action Check error id for specified reason.

Error Message BOOTVAR-2-AUTOSYNC_FAILED: Image autosync failed. Reason: [chars] ([hex])

Explanation Image synchronization failed.

Recommended Action Check that there is enough space on the flash, as well as system high availability status.

Error Message BOOTVAR-2-CONFIG_ERROR: Failed to update boot configuration

Explanation An error has occurred during the update of the boot configuration files

Recommended Action Check that there is enough space on the flash, show boot to check the configured image names, show loader internal configuration to compare them with the current bootloader configuration, if they are not coherent do write erase and retry to save the configuration.

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Error Message BOOTVAR-2-IMAGE_NOT_COMPATIBLE: Warning: image [chars] is not compatible with the current platform in SUP [dec]

Explanation The input image name is not compatible with the current platform.

Recommended Action Make sure a right image is specified before reboot.

BOOTVAR-3

Error Message BOOTVAR-3-AUTOCOPY_FAILED_STANDBY_FULL: Autocopy of file [chars] to standby failed due to not enough disk space on standby

Explanation There is not enough disk space on the standby for the file to be copied.

Recommended Action Clear space on the standby disk.

Error Message BOOTVAR-3-INIT_FAILED: Initialization failed: Component [chars]

Explanation The service failed to start The failure occurs during initialization of the component [chars].

Recommended Action Show processes to check the status of the other processes, pay attention to the specified component.

Error Message BOOTVAR-3-LOAD_VERIFY_LIB_FAILED: Fetching library [chars] failed, reason=[chars]

Explanation Failed to load bootvar specified verification library.

Recommended Action No action is required.

Error Message BOOTVAR-3-MODULE_LOCK_FAIL: Unable to get module lock, please don't reload <error-id: [hex]>

Explanation Unable to acquire modlock to prevent user to reload during auto-sync.

Recommended Action No action is required.

Error Message BOOTVAR-3-NEIGHBOR_REJECT_AUTOCOPY: auto-copy failed - not supported by neighbor supervisor.

Explanation Standby supervisor does not support auto-copy, thus failed.

Recommended Action No action is required.

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Error Message BOOTVAR-3-VERIFY_FAILED: Image [chars] for bootvar [chars] verification failed, reason=[chars]

Explanation The image set for this bootvar has failed the verification process, this is just a warning.

Recommended Action Check reason to determine actions.

BOOTVAR-5

Error Message BOOTVAR-5-AUTOCOPY_SUCCEED: auto-copy of file [chars] to standby supervisor succeed

Explanation Auto copy of the file succeed, image integrity verified by standby.

Recommended Action No action is required.

Error Message BOOTVAR-5-AUTOCOPY_VERIFY_SEND_FAILED: Unable to ask standby to verify file [chars], error = [hex]

Explanation Upon copied the image to standby, failed to send message to ask standby to verify integrity.

Recommended Action Turn auto-copy off and back on.

Error Message BOOTVAR-5-AUTOSYNC_DONE: Image autosync done

Explanation The image synchronization done successfully.

Recommended Action No action is required.

Error Message BOOTVAR-5-AUTOSYNC_REBOOT: Rebooting standby after successful autosync

Explanation Image autosync has been successful, resetting the standby supervisor to load the new image.

Recommended Action Check that the standby sup reloads correctly.

Error Message BOOTVAR-5-AUTOSYNC_START: Starting image autosync. Please wait until completion...

Explanation The standby-sup has requested the sync of the current image.

Recommended Action No action is required.

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Error Message BOOTVAR-5-IMAGE_NOTEXISTS: Warning: image [chars] doesn't exist on sup[dec]

Explanation The input image name doesn't exist on the specified supervisor.

Recommended Action Check whether the input image name you entered exists and make sure that you have the image on the flash before reboot.

Error Message BOOTVAR-5-NEIGHBOR_UPDATE_AUTOCOPY: auto-copy supported by neighbor supervisor, starting...

Explanation Info log reporting standby's support of auto-copy. Auto-copy is being started.

Recommended Action No action is required.

BOOTVAR-6

Error Message BOOTVAR-6-ALREADY_IN_SYNC: Image already in sync

Explanation No need to update the image on the standby-sup.

Recommended Action No action is required.

Error Message BOOTVAR-6-AUTOCOPY_DID_NOT_START: Autocopy of file [chars] to standby did not start. [chars] (Error-id: [hex])

Explanation Autocopy of the file did not start as the remote copy location does not exist

Recommended Action No action is required.

Error Message BOOTVAR-6-CONFIG_UPDATED: Boot configuration updated

Explanation The boot-loader configuration files have been successfully updated.

Recommended Action No action is required.

Error Message BOOTVAR-6-STARTING: Boot configuration initialized

Explanation The service has successfully started.

Recommended Action No action is required.

CALLHOME Messages

This section contains the CALLHOME messages.

Send document comments to nexuslk-docfeedback@cisco.com

CALLHOME-2

Error Message CALLHOME-2-EVENT: [chars]

Explanation Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error

Error Message CALLHOME-2-PROGRAM_EXIT: callhome process ending: [chars]

Explanation Callhome process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CALLHOME-3

Error Message CALLHOME-3-CALLHOME_CFS_MERGE_OPERATION_FAILED: [chars]

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CALLHOME-3-CALLHOME_CFS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CALLHOME-3-CALLHOME_MAX_ALERT_MSG: [chars]

Explanation [chars]

Recommended Action Please check the reason for the generation of the callhome messages and rectify the problem

Error Message CALLHOME-3-EVENT_PROCESS_ERROR: error in processing callhome event [chars] reason:[chars]

Explanation Error in processing callhome event [chars] reason:[chars]

Recommended Action Please check your callhome configuration for proper configuration. Please check SMTP server address, email addresses for destination profiles and enable status of callhome. Use show callhome commands for displaying configuration.

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Error Message CALLHOME-3-MESSAGE_SIZE_EXCEED: message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]

Explanation Message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]

Recommended Action Please check the maximum message size for the destination profile under question. Increase it if possible to match the maximum limit allowed by your email destinations.

CALLHOME-6

Error Message CALLHOME-6-NONCRIT_EVENT: [chars]

Explanation Non-critical Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error.

CDP Messages

This section contains the CDP messages.

CDP-2

Error Message CDP-2-INITFAIL: CDP Daemon Initialization failed: [chars]

Explanation CDP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

CDP-3

Error Message CDP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation CDP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CDP-3-GENERROR: [chars]

Explanation CDP Daemon encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

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Error Message CDP-3-MCASTBINDFAIL: Failed to bind for CDP multicast address on interface [hex] - [chars]

Explanation An attempt to register for packets destined to the CDP multicast address failed. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-MTSError: [chars]

Explanation CDP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message CDP-3-PKTRECVFAIL: Failed to receive packet - [chars]

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-PKTSENDFAIL: Failed to send packet, interface [hex] - [chars]

Explanation Failed to send packet. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-PSSERROR: [chars]

Explanation CDP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CDP-3-SOCKBINDFAIL: Failed to bind to raw socket, interface [hex] - [chars]

Explanation Failed to bind to raw socket. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-SOCKOPENFAIL: Failed to open socket for receiving raw 802_2 packets - [chars]

Explanation An attempt to open a socket for receiving raw 802_2 packets failed. [char] identifies the reason.

Recommended Action No action is required.

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CDP-4

Error Message CDP-4-DUPLEX_MISMATCH: Duplex mismatch discovered on [chars], with [chars]

Explanation Duplex mismatch discovered from the received cdp packet This is a warning message.

Recommended Action No action is required.

Error Message CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on [chars] ([dec]), with [chars] ([dec])

Explanation Native VLAN mismatch discovered This is a warning message.

Recommended Action No action is required.

CDP-5

Error Message CDP-5-DISABLED: CDP is disabled

Explanation CDP is disabled on the device.

Recommended Action No action is required.

Error Message CDP-5-ENABLED: CDP is enabled

Explanation CDP is enabled on the device.

Recommended Action No action is required.

CDP-6

Error Message CDP-6-CDPDUP: CDP Daemon Up.

Explanation CDP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-CDPEXIT: CDP Daemon shutting down gracefully.

Explanation CDP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

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Error Message CDP-6-NEIGHBOR_ADDED: Device [chars] discovered of type [chars] with port [chars] on incoming port [chars] with ip addr [chars] and mgmt ip [chars]

Explanation Discovered a neighbor device. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-NEIGHBOR_REMOVED: CDP Neighbor [chars] on port [chars] has been removed

Explanation Deleted a neighbor device. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTDISABLE: CDP disabled on port [chars]

Explanation CDP was disabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTDOWN: A CDP enabled port [chars] went down.

Explanation A CDP enabled port became un-operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTENABLE: CDP enabled on port [chars]

Explanation CDP was enabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTUP: A CDP enabled port [chars] came up.

Explanation A CDP enabled port became operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

CERT_ENROLL Messages

This section contains the CERT_ENROLL messages.

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CERT_ENROLL-2

Error Message CERT_ENROLL-2-CERT_EN_PROGRAM_EXIT: cert_enroll daemon exiting:
[chars]

Explanation Cert_enroll daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CERT_ENROLL-3

Error Message CERT_ENROLL-3-CERT_EN_ERROR_MESSAGE: [chars]

Explanation CERT_ENROLL Error Message

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_FIPS_MODE_INIT_ERROR: Could not initialize
FIPS mode : [chars]

Explanation FIPS mode initialization error

Recommended Action No action is required.

CERT_ENROLL-6

Error Message CERT_ENROLL-6-CERT_EN_MESSAGE: [chars]

Explanation CERT_ENROLL Message

Recommended Action No action is required.

CFS Messages

This section contains the CFS messages.

CFS-2

Error Message CFS-2-CFS_REJECT: CFS reject: [chars]: Switch WWN [chars], ip [chars],
reason [chars]

Explanation CFS reject: [chars] Switch WWN [chars], ip [chars], reason [chars]

Recommended Action No action is required.

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Error Message CFS-2-EXITING: Exit reason: [chars]

Explanation The CFS service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message CFS-2-GENERAL_ERROR: [chars]

Explanation The CFS service has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message CFS-2-INITFAIL: CFS Service Init failed: [chars]

Explanation CFS Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message CFS-2-LOCK_FAILED: lock failed for sap [dec] due to internal error.

Explanation Lock failed due to Unrestricted uncoordinated count is out of sync for sap [dec]

Recommended Action To recover from this state run command 'cfs internal decrement-unrestricted <app-sap>'

Error Message CFS-2-MALLOC_ERROR: Size [dec] bytes

Explanation The CFS service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CFS-2-MTS_REJECT: Verification failed reject MTS message SAP [dec]:RR-token [hex]

Explanation This MTS message could have been posted by the previous active running pre 3.x; MTS structure has changed since then hence ignore the MTS message, Source SAP [dec]; RR-token [hex]

Recommended Action No action is required.

Error Message CFS-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The CFS service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

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Error Message CFS-2-VDC_MGR_FAIL: Failed to get a valid switch mac from VDC Manager: [chars]

Explanation VDC manager did not respond with a proper MAC address. It could have been because of a timeout in MTS received

Recommended Action No action is required.

CFS-3

Error Message CFS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation CFS Service is out of dynamic memory. [chars] specifies the context where the failure occurred

Recommended Action No action is required.

Error Message CFS-3-APP_MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars], remote switch wwn [chars]. Please check 'show cfs merge status name [chars]' for more information

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message CFS-3-CFS_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The CFS service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message CFS-3-DBERROR: [chars]

Explanation CFS Service encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-FAILURE_RESPONSE: [chars] [hex]

Explanation CFS Service failed to get response [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

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Error Message CFS-3-FIPS_TEST_FAILED: FIPS compliance test failed

Explanation FIPS compliance test failed

Recommended Action No action is required.

Error Message CFS-3-GENERROR: [chars]

Explanation CFS Service encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message CFS-3-LICERR: [chars]

Explanation CFS Service failed to get license.

Recommended Action No action is required.

Error Message CFS-3-MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars], ip [chars], remote switch wwn [chars], ip [chars]

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message CFS-3-MTSError: [chars]

Explanation CFS Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message CFS-3-PSSERROR: [chars]

Explanation CFS Service encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-TIMEOUT_ERROR: [chars] [hex]

Explanation CFS Service encountered a timeout [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

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Error Message CFS-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The CFS service has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

CFS-4

Error Message CFS-4-LICEXP: [chars]

Explanation CFS Service license is going to expire. [chars] gives the expected time of expiry

Recommended Action No action is required.

Error Message CFS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the CFS service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

CFS-6

Error Message CFS-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The CFS service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message CFS-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The CFS service became standby from active mode.

Recommended Action No action is required.

Error Message CFS-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.]

Recommended Action No action is required.

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Error Message CFS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The CFS service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message CFS-6-GENERAL_EVENT: [chars]

Explanation The CFS service has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message CFS-6-INVALID_CHECKSUM: Received packet from peer on if-index([hex]) with corrupted checksum

Explanation This could be because of errors in the link

Recommended Action No action is required.

Error Message CFS-6-INVALID_IF_INDEX: Received packet on if-index([hex]) which is not recognized by CFS

Explanation The if-index does not match with the if-index used in discovery or we might have already recieved an adjacency cleanup message for this if-index. Check if the if-index is that of the port-channel or a physical if-index

Recommended Action No action is required.

Error Message CFS-6-LOGICAL_DISTRIBUTION_INFO: vsan [dec], source wwn [chars], ip [chars] app-id [dec], session-id [dec], user [chars], [chars]

Explanation Vsan [dec], source wwn [chars], ip [chars], app-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message CFS-6-PHY_DISTRIBUTION_INFO: source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], [chars]

Explanation Source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message CFS-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of CFS service has been recreated

Recommended Action No action is required.

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Error Message CFS-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of CFS Service has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message CFS-6-REGION_CTX_REMOVED: Region info is deleted for [chars]

Explanation [chars] is in logical scope. Regions are supported only physical scope applications

Recommended Action No action is required.

Error Message CFS-6-SERVICE_UP: Initialized [chars]

Explanation The CFS service is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message CFS-6-SRVCREATED: CFS Service created

Explanation CFS Service was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message CFS-6-SRVEXIT: CFS Service shutting down gracefully

Explanation CFS Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message CFS-6-SWITCHOVER: Switching Over to other Sup.

Explanation The CFS service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

CIMSRVPROV Messages

This section contains the CIMSRVPROV messages.

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CIMSRVPROV-2

Error Message CIMSRVPROV-2-CIM_SYSLOG_EXIT: Message:[chars] errcode:[dec]

Explanation Exit due to critical error

Recommended Action No action is required.

Error Message CIMSRVPROV-2-CIM_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars]
Destination URI:[chars] errcode:[dec]

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message CIMSRVPROV-2-CIM_SYSLOG_SDWRAP_ERR: Description:[chars]
errcode:[dec]

Explanation Debug infrastructure error

Recommended Action No action is required.

CIMSRVPROV-3

Error Message CIMSRVPROV-3-CIM_SYSLOG_COPY_CONFIG_ERR: Message:[chars]
URI:[chars] errcode:[dec]

Explanation Copy running startup error

Recommended Action No action is required.

Error Message CIMSRVPROV-3-CIM_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars]
errcode:[dec]

Explanation File handling error

Recommended Action No action is required.

Error Message CIMSRVPROV-3-CIM_SYSLOG_MTS_ERR: message [chars]

Explanation MTS message handling error

Recommended Action No action is required.

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Error Message CIMSrvProv-3-CIM_SYSLOG_PSS_ERR: Purpose: [chars] URI: [chars]
errcode: [dec]

Explanation PSS handling error

Recommended Action No action is required.

CIMSrvProv-6

Error Message CIMSrvProv-6-LOG_CIM_CERTIFICATE_CLEARED: Cleared certificate
[chars]

Explanation Cleared a certificate named [chars].

Recommended Action No action is required.

Error Message CIMSrvProv-6-LOG_CIM_CERTIFICATE_INSTALLED: Installed certificate
[chars]

Explanation Installed a certificate named [chars].

Recommended Action No action is required.

CLIS Messages

This section contains the CLIS messages.

CLIS-5

Error Message CLIS-5-CLIS_SYSLOG_CMD_REMOVED: Command deleted from the NVDB:
[chars]

Explanation Command removal due to configuration change

Recommended Action No action is required.

CLOUD Messages

This section contains the CLOUD messages.

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CLOUD-2

Error Message CLOUD-2-PROGRAM_EXIT: cloud-discovery process ending: [chars]

Explanation Cloud-discovery process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CLOUD-3

Error Message CLOUD-3-CLOUD_CFS_MERGE_OPERATION_FAILED: [chars]

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_CFS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_FEATURE_MANAGER_ERROR: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message CLOUD-3-CLOUD_PSS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the pss operation and rectify the problem

CLOUD-6

Error Message CLOUD-6-CLOUD_DISCOVERY_DONE: discovery over

Explanation Cloud-discovery started

Recommended Action Check cloud membership

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Error Message CLOUD-6-CLOUD_DISCOVERY_STARTED: [chars] discovery started

Explanation Cloud-discovery started

Recommended Action Check cloud-discovery status after sometime

CLUSTER Messages

This section contains the CLUSTER messages.

CLUSTER-2

Error Message CLUSTER-2-CLUSTER_CAP_ADD_FAIL: Failed to add cluster capability [dec]

Explanation Cluster capability addition failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_CAP_DEL_FAIL: Failed to delete cluster capability [dec]

Explanation Cluster capability deletion failed

Recommended Action No action is required.

CMPPROXY Messages

This section contains the CMPPROXY messages.

CMPPROXY-2

Error Message CMPPROXY-2-LOG_CMP_IS_NOT_UP: Connectivity Management processor (on module [dec]) did not come up

Explanation Connectivity Management processor is not sending heartbeats on this module

Recommended Action No action is required.

Error Message CMPPROXY-2-LOG_CMP_UP: Connectivity Management processor (on module [dec]) is now UP

Explanation Connectivity Management processor has come up and is exchanging heartbeats with CP on this SUP slot

Recommended Action No action is required.

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Error Message CMPPROXY-2-LOG_CMP_WENT_DOWN: Connectivity Management processor (on module [dec]) went DOWN

Explanation Connectivity Management processor has either gone down or is not sending heartbeats for a long time

Recommended Action No action is required.

CMPPROXY-5

Error Message CMPPROXY-5-LOG_CMP_AAA_FAILURE: Authentication failed for a login from CMP (on module [dec])

Explanation A login attempt has been denied access from Connectivity management processor (CMP) as authentication did not succeed

Recommended Action No action is required.

Error Message CMPPROXY-5-MALLOC_FAILURE: Memory allocation failure

Explanation Memory allocation in a call to malloc/calloc has failed.

Recommended Action No action is required.

CMPPROXY-6

Error Message CMPPROXY-6-LOG_CMP_AAA_SUCCESS: Authentication succeeded for a login from CMP (on module [dec])

Explanation A login attempt has succeeded from Connectivity management processor (CMP) in getting access as AAA succeeded

Recommended Action No action is required.

COPP Messages

This section contains the COPP messages.

COPP-2

Error Message COPP-2-COPP_INIT_FAIL: CoPP Initialization failed: [chars]

Explanation CoPP Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

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Error Message COPP-2-COPP_MTS_FAIL: Failed to do MTS operation: [chars]

Explanation Failed to do MTS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

COPP-3

Error Message COPP-3-COPP_ALLOC_FAIL: Memory allocation failure: [chars]

Explanation Failed to alloc required memory. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-3-COPP_PPF_FAIL: Error during PPF operation: [chars]

Explanation Failed to do PPF operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-3-COPP_PSS_FAIL: Error during PSS operation: [chars]

Explanation Failed to do PSS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

COPP-5

Error Message COPP-5-COPP_DISABLED: COPP Disabled

Explanation COPP Service Disabled

Recommended Action No action is required.

Error Message COPP-5-COPP_ENABLED: COPP Enabled

Explanation COPP Service nabled

Recommended Action No action is required.

Error Message COPP-5-COPP_INIT: COPP initialized

Explanation COPP Service Initialized

Recommended Action No action is required.

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COPP-6

Error Message COPP-6-COPP_POLICY_ATTACHED: CoPP policy has been attached to control plane interface.

Explanation CoPP policy has been attached to control plane interface.

Recommended Action No action is required.

Error Message COPP-6-COPP_POLICY_DETACHED: CoPP policy has been detached from control plane interface.

Explanation CoPP policy has been detached from control plane interface.

Recommended Action No action is required.

CORE-DMON Messages

This section contains the CORE-DMON messages.

CORE-DMON-2

Error Message CORE-DMON-2-MODULE_COREDUMP_DONE: kernel coredump completed on module: [dec]

Explanation Kernel coredump finishing on a module

Recommended Action No action is required.

Error Message CORE-DMON-2-MODULE_COREDUMP_STARTED: kernel coredump started on module: [dec]

Explanation Kernel coredump starting on a module

Recommended Action No action is required.

CORE-DMON-3

Error Message CORE-DMON-3-NO_SPACE: Failed to save core file [chars]. Try removing existing core files.

Explanation Not enough space to save new core files

Recommended Action No action is required.

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CPPA_MGR Messages

This section contains the CPPA_MGR messages.

CPPA_MGR-3

Error Message CPPA_MGR-3-ENABLE_VB_FAILURE: Virtual service blade [dec] could not be [chars]. Error: [chars]

Explanation The requested virtual blade operation could not be completed

Recommended Action No action is required.

Error Message CPPA_MGR-3-NO_HB_REBOOT: No heartbeat from agent service. Nexus1010 is rebooted

Explanation No heartbeat from agent service. Nexus1010 is rebooted

Recommended Action No action is required.

Error Message CPPA_MGR-3-REMOTE_ILO_REBOOT: Remote mgmt feature rebooted other Nexus1010 using ILO

Explanation Remote mgmt feature rebooted other Nexus1010 using ILO

Recommended Action No action is required.

Error Message CPPA_MGR-3-RESTORE_FAILURE: Agent version could not be restored to make versions match

Explanation The previous agent version could not be restored. System needs to be reinstalled to recover

Recommended Action No action is required.

Error Message CPPA_MGR-3-SOME_PNIC_FAILURE: Not all the Nexus1010 physical NICs are detected. Check for failure

Explanation Not all the physical NICs are detected. Check for failure

Recommended Action No action is required.

Error Message CPPA_MGR-3-UNDO_WRITE_ERASE: Undo Write Erase: [chars]

Explanation The software undo write erase result:

Recommended Action No action is required.

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Error Message CPPA_MGR-3-UPGRADE_FAILED: Upgrade failed: [chars]

Explanation The software upgrade could not complete because of errors

Recommended Action No action is required.

Error Message CPPA_MGR-3-VERSION_MISMATCH: Agent version mismatch detected. System will be reloaded

Explanation The cppa_mgr and the underlying agent are not running the same software version

Recommended Action No action is required.

Error Message CPPA_MGR-3-WRITE_ERASE: Write Erase: [chars]

Explanation The software write erase result:

Recommended Action No action is required.

CPPA_MGR-5

Error Message CPPA_MGR-5-REMOTE_VB_HA_FAILURE: Operation failed in standby for virtual service blade [dec]: [chars]

Explanation An error occurred while processing a command from active at standby

Recommended Action No action is required.

Error Message CPPA_MGR-5-REMOTE_VB_IMG_FAILURE: Could not verify image in standby for virtual service blade [dec] creation: [chars]

Explanation An error occurred while processing image required for vb creation at standby

Recommended Action No action is required.

Error Message CPPA_MGR-5-UPGRADE_COMPLETE: Upgrade completed successfully

Explanation The software upgrade completed with no errors

Recommended Action No action is required.

Error Message CPPA_MGR-5-UPGRADE_START: Upgrade started. Image: [chars]

Explanation A software upgrade has been initiated by the user

Recommended Action No action is required.

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Error Message CPPA_MGR-5-VB_DEPLOYED: Virtual service blade [chars] deployed

Explanation Virtual service blade deployed on nexus1010 successfully

Recommended Action No action is required.

Error Message CPPA_MGR-5-VB_REMOVED: Virtual service blade [chars] removed

Explanation Virtual service blade removed by user

Recommended Action No action is required.

Error Message CPPA_MGR-5-VB_RESTARTED: Virtual service blade [chars] restarted

Explanation Virtual service blade restarted by user

Recommended Action No action is required.

Error Message CPPA_MGR-5-VB_SHUT: Virtual service blade [chars] moved into shut state

Explanation Virtual service blade shut by user

Recommended Action No action is required.

CREDITMON Messages

This section contains the CREDITMON messages.

CREDITMON-SLOT#-2

Error Message CREDITMON-SLOT#-2-SYSERR_CREDITMON_APP_EXITED: [chars]

Explanation Credit Monitor application exited

Recommended Action No action is required.

Error Message CREDITMON-SLOT#-2-SYSERR_CREDITMON_MTS_INIT_ERR: [chars]

Explanation Credit Monitor error binding to MTS

Recommended Action No action is required.

CTS Messages

This section contains the CTS messages.

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CTS-2

Error Message CTS-2-CTS_AUTHENT_FAILURE: CTS Authentication failure on Port [chars] (CTS Failure Reason: [chars] [chars])

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message CTS-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ([chars])

Explanation CTS Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message CTS-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ([chars])

Explanation CTS Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message CTS-2-FC2_UNKNOWN_FRM_REC'D_CRIT: Received an unexpected/unknown FC-2 frame on [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

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Error Message CTS-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ([chars])

Explanation CTS Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message CTS-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message CTS-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-POST_INIT_FAILED: Post-Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-RBACL_ENFORCEMENT_FAILED: RBACL enforcement failed on [chars] [dec]

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-RBACL_LC_INSERT_FAILED: RBACL programming failed for inserted module [dec]

Explanation The system has detected an error.

Recommended Action No action is required.

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Error Message CTS-2-RBACL_TCAM_SPACE_NOT_ENOUGH: Not enough free space left on TCAM

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-RBACL_UNABLE_PARSE_ACE: Unable to parse RBACL ACE substring: [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message CTS-2-RBACL_UPDATE_FAILED: Failed to [chars] RBACL [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

CTS-3

Error Message CTS-3-DOT1X_AUTHC_FAILED: DOT1X authentication failed on port: [chars]

Explanation DOT1X authentication failed on the port

Recommended Action No action is required.

CTS-5

Error Message CTS-5-CTS_IP_SGT_MAP_UPDATE: [chars] assigned SGT [dec]

Explanation The system has detected an error.

Recommended Action No action is required.

DEBUGPROXY Messages

This section contains the DEBUGPROXY messages.

DEBUGPROXY-6

Error Message DEBUGPROXY-6-SSM_DEBUG_PROXY_COMMON: SSM debug proxy [chars] [dec]

Explanation General SSM debug proxy information

Recommended Action No action is required.

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DEVICE-ALIAS Messages

This section contains the DEVICE-ALIAS messages.

DEVICE-ALIAS-2

Error Message DEVICE-ALIAS-2-ALLOC_FAILED: Memory allocation failed for size:[dec]
type:[dec]

Explanation Memory allocation failed for size [dec] type [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-2-INIT_FAILED: [chars]

Explanation An error occurred during initialization. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-3

Error Message DEVICE-ALIAS-3-CFS_OPER_FAILED: [chars]

Explanation An error occurred while performing a CFS operation. [chars] indicates the CFS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the session. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message DEVICE-ALIAS-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_REJECTED: [chars]

Explanation Lock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_REJECTED: [chars]

Explanation Merge activation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_FAILED: [chars]

Explanation An error occurred during merge operation. [chars] indicates the reason for failure.

Recommended Action Compare device-alias configuration with the other switches in the fabric, resolve the conflicts if any and commit the changes.

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Error Message DEVICE-ALIAS-3-MERGE_MREQ_REJECTED: [chars]

Explanation MREQ received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_MRESP_REJECTED: [chars]

Explanation MRESP received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_REJECTED: [chars]

Explanation Merge validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MTS_OPER_FAILED: [chars]

Explanation An error occurred during MTS operation. [chars] indicates the MTS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-PSS_OPER_FAILED: [chars]

Explanation An error occurred during PSS operation. [chars] indicates the PSS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message DEVICE-ALIAS-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-UNLOCK_REJECTED: [chars]

Explanation Unlock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-VALIDATION_REJECTED: [chars]

Explanation Validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-6

Error Message DEVICE-ALIAS-6-CLEAR_FAILED_INFO: [chars]

Explanation An error occurred while clearing the session. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-COMMIT_FAILED_INFO: [chars]

Explanation An error occurred while committing the database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message DEVICE-ALIAS-6-IMPORT_DEFINITION_CONFLICT: Fcalias [chars] could not be imported due to definition conflict

Explanation Fcalias [chars] could not be imported due to definition conflict. Either there is already a device-alias configuration present with the same definition OR another VSAN specified in the import VSAN range has an fcalias with the same definition.

Recommended Action Resolve the conflict and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_MEMBER_TYPE_CONFLICT: Fcalias [chars] could not be imported due to having unsupported member type

Explanation Fcalias [chars] could not be imported due to having unsupported member types. Fcalias can be imported only if it has Port WWN based members..

Recommended Action Make sure that the fcalias has Port WWN based members and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_NAME_CONFLICT: Fcalias [chars] could not be imported due to name conflict

Explanation Fcalias [chars] could not be imported due to name conflict. Either there is already a device-alias configuration present with the same name OR another VSAN specified in the import VSAN range has an fcalias with the same name.

Recommended Action Resolve the conflict and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_NUM_MEMBERS_CONFLICT: Fcalias [chars] could not be imported due to having unsupported number of members

Explanation Fcalias [chars] could not be imported due to having unsupported number of members. Fcalias can be imported only if it has exactly one member..

Recommended Action Make sure that the fcalias has exactly one member and issue the import command again.

Error Message DEVICE-ALIAS-6-LOCK_FAILED_INFO: [chars]

Explanation An error occurred while acquiring the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message DEVICE-ALIAS-6-MERGE_ACTIVATION_FAILED_INFO: [chars]

Explanation An error occurred while activating the merged database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-MERGE_VALIDATION_FAILED_BUSY: [chars]

Explanation Merged database could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message DEVICE-ALIAS-6-MERGE_VALIDATION_REJECTED_BUSY: [chars]

Explanation Merged database received from the remote switch could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message DEVICE-ALIAS-6-UNLOCK_FAILED_INFO: [chars]

Explanation An error occurred while releasing the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-VALIDATION_ABORTED: [chars]

Explanation Local validation is aborted. [chars] indicates the reason why validation is aborted.

Recommended Action No DDTS.

DEVICE_TEST Messages

This section contains the DEVICE_TEST messages.

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DEVICE_TEST-2

Error Message DEVICE_TEST-2-ASIC_REG_CHECK_FAIL: Module [dec] has failed test [chars] [dec] times on device [chars] [chars] [dec] frontpanel ports affected [chars] due to error [chars]

Explanation Online diagnostics ASICRegisterCheck test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-COMPACT_FLASH_FAIL: Module [dec] has failed test [chars] [dec] times on device Compact Flash due to error [chars]

Explanation Online diagnostics CompactFlash test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-CRYPTO_DEVICE_FAIL: Module [dec] has failed test [chars] [dec] times on Crypto device due to error [chars]

Explanation Online diagnostics CryptoDevice test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-FAN_MOD_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-MALLOC_FAILURE: Memory allocation failed

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

Error Message DEVICE_TEST-2-NVRAM_FAIL: Module [dec] has failed test [chars] [dec] times on device NVRAM due to error [chars]

Explanation Online diagnostics NVRAM test has failed

Recommended Action No action is required.

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Error Message DEVICE_TEST-2-POWER_SUPPLY_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PRIMARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Primary BootROM due to error [chars]

Explanation Online diagnostics PrimaryBootROM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PWR_MGMT_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Power Mgmt Bus on slot [dec] due to error [chars] error number [hex]

Explanation Online diagnostics PwrMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-RTC_FAIL: Module [dec] has failed test [chars] [dec] times on device RealTimeClock due to error [chars]

Explanation Online diagnostics RealTimeClock test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SECONDARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Secondary BootROM due to error [chars]

Explanation Online diagnostics SecondaryBootROM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SPINE_CONTROL_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Spine Control Bus on slot [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SpineControlBus test has failed

Recommended Action No action is required.

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Error Message DEVICE_TEST-2-STANDBY_LOOPBACK_TEST_FAIL: Module [dec] has failed test [chars] [dec] times on [chars] [dec] due to error [chars]

Explanation Online diagnostics StandbyFabricLoopback test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-TWOWIRE_STW_FAIL: Module [dec] has failed test [chars] [dec] times on Status Bus on slot [dec] due to error [chars]

Explanation Online diagnostics Status bus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-USB_FAIL: Module [dec] has failed test [chars] [dec] times on device USB due to error [chars]

Explanation Online diagnostics USB test has failed

Recommended Action No action is required.

DEVICE_TEST-3

Error Message DEVICE_TEST-3-STANDBY_TEST_GET_DIAG_VQI_FAIL: Standby test get diag vqi failed due to error [hex]

Explanation Device Test StandbyLoopback Test failed get vqi

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_GET_SPINE_FAIL: Standby test get spines failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test get spine failed

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_INIT_FAIL: Init for standby test failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test failed init process

Recommended Action No action is required.

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Error Message DEVICE_TEST-3-STANDBY_TEST_MTS_FAIL: Mts Init for standby test failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test failed mts init

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_SOCKET_FAIL: Standby test socket error [chars]: [hex]

Explanation Device Test StandbyFabricLoopback Test Socket error

Recommended Action No action is required.

DEVICE_TEST-4

Error Message DEVICE_TEST-4-THREAD_CREATE_FAIL: Thread creation failed

Explanation Device Test process could not create threads

Recommended Action No action is required.

Error Message DEVICE_TEST-4-TIMER_CREATE_FAIL: Timer creation failed

Explanation Device Test process could not create timer

Recommended Action No action is required.

Error Message DEVICE_TEST-4-TIMER_START_FAIL: Timer start failed

Explanation Device Test process could not start timer

Recommended Action No action is required.

DEVICE_TEST-5

Error Message DEVICE_TEST-5-NOTICE_TEST: Memory allocation failed notice

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

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DEVICE_TEST-6

Error Message DEVICE_TEST-6-INFO_TEST: Memory allocation failed info

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

DEV_LOG Messages

This section contains the DEV_LOG messages.

DEV_LOG-3

Error Message DEV_LOG-3-ERROR: [chars]

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DEV_LOG-SLOT#-4

Error Message DEV_LOG-SLOT#-4-DEV_LOG_LC_ERROR: [chars]

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DFTM Messages

This section contains the DFTM messages.

DFTM-3

Error Message DFTM-3-DFTM_BDDDB_PROG_FAILED: DFTM failed to program BDDDB Entry: [chars]

Explanation DFTM failed to program BDDDB Entry

Recommended Action No action is required.

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Error Message DFTM-3-DFTM_BDT_PROG_FAILED: DFTM failed to program BD Table Entry: [chars]

Explanation DFTM failed to program BD Table Entry

Recommended Action No action is required.

Error Message DFTM-3-DFTM_L2L3CT_PROG_FAILED: DFTM failed to program L2L3 Consistency Table Entry: [chars]

Explanation DFTM failed to program L2L3 Consistency Table Entry

Recommended Action No action is required.

Error Message DFTM-3-DFTM_MFT_PROG_FAILED: DFTM failed to program Multicast FTag Table Entry: [chars]

Explanation DFTM failed to program Multicast Ftag Table Entry

Recommended Action No action is required.

Error Message DFTM-3-DFTM_SDT_PROG_FAILED: DFTM failed to program SGT DGT Table Entry: [chars]

Explanation DFTM failed to program SGT DGT Table Entry

Recommended Action No action is required.

Error Message DFTM-3-DFTM_VTT_PROG_FAILED: DFTM failed to program VLAN Translation Table Entry: [chars]

Explanation DFTM failed to program VLAN Translation Table

Recommended Action No action is required.

DHCP_SNOOP Messages

This section contains the DHCP_SNOOP messages.

DHCP_SNOOP-2

Error Message DHCP_SNOOP-2-DHCP_SNOOP_PROGRAM_EXIT: [chars]

Explanation DHCP snoop process did an abnormal exit

Recommended Action No action is required.

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Error Message DHCP_SNOOP-2-INITFAIL: DHCP Daemon Initialization failed: [chars]

Explanation DHCP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-PSSERROR: [chars]

Explanation DHCP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-REGPARTREE: Unable to register par tree: [chars]

Explanation Could not register par tree. [chars] explains the reason for the failure.

Recommended Action No action is required.

DHCP_SNOOP-3

Error Message DHCP_SNOOP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation DHCP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-DHCPDENIEDARP: ARP frame denied due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been denied. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-DHCPRATELIMIT: Interface [chars] has been error disabled due to excessive ingress rate [dec] of DHCP packets.

Explanation [chars] identifies the interface which has been error disabled due to excessive ingress rate [dec].

Recommended Action No action is required.

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Error Message DHCP_SNOOP-3-HWPGMFAILURE: Hardware programming has failed: [chars]

Explanation Hardware programming has failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-INVDHCPPKTS: Validation errors while processing DHCP packet received on interface [chars] vlan [dec] Reason:[chars]. Dropping the packet

Explanation Validation errors DHCP packet received on the interface [chars] vlan [[dec]]. Reason:[chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-MTSError: [chars]

Explanation DHCP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-PKTRECVFAIL: Failed to receive packet - [chars]

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-PKTSENDFAIL: Failed to send packet, - [chars]

Explanation Failed to send packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-SOCKBINDFAIL: Failed to bind to raw socket - [chars]

Explanation Failed to bind to socket. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-SOCKOPENFAIL: Failed to open socket for receiving DHCP packets - [chars]

Explanation An attempt to open a socket for receiving DHCP packets failed. [char] identifies the reason.

Recommended Action No action is required.

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DHCP_SNOOP-4

Error Message DHCP_SNOOP-4-ACL_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-ACL_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-DHCP_SNOOPING_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-DHCP_SNOOPING_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-ERROR_DISABLED: Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets

Explanation Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-INVALID_ARP: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

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DHCP_SNOOP-6

Error Message DHCP_SNOOP-6-DAIVLANDISABLE: DAI disabled on vlan [dec]

Explanation Dynamic ARP Inspection was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DAIVLANENABLE: DAI enabled on vlan [dec]

Explanation Dynamic ARP Inspection was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPEXIT: DHCP Daemon shutting down gracefully.

Explanation DHCP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPHOSTADD: A new Host is [chars] connected to interface [chars] in VLAN [dec] and is allocated IP address [chars] for [dec] secs.

Explanation A Host identified by [chars] has been added. [chars] identifies the interface. [dec] identifies the VLAN. [chars] identifies IP address. [dec] identifies the lease time in secs. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPLEASEEXPIRE: Lease expired for host [chars] having IP address [chars] connected to interface [chars] in VLAN [dec] for lease [dec] secs.

Explanation The lease for host identified by [chars] with IP address [chars] connected to interface [chars] in VLAN [dec] with lease [dec] has expired.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPPERMITTEDARP: ARP frame permitted due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been permitted. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

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Error Message DHCP_SNOOP-6-DHCPPKTFWD: Gracefully forwarding DHCP packet.
reason: [chars]

Explanation Gracefully forwarding DHCP packet. reason [chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPUP: DHCP Daemon Up.

Explanation DHCP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INFO: [chars]

Explanation An event during switchover. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INTFDISABLE: IP Src Guard disabled on intf [chars]

Explanation IP Src Guard was disabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INTFENABLE: IP Src Guard enabled on intf [chars]

Explanation IP Src Guard was enabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-NONDHCPPKTFWD: Non DHCP packet with src port:[dec] dst port:[dec] on intf:[chars] vlan:[dec]. Forwarding on [chars]

Explanation Non DHCP packet arrived with UDP src/dst ports [dec], [dec] on interface [chars], vlan [dec]. Forwarding the packet on [chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-VLANDISABLE: DHCP Snooping disabled on vlan [dec]

Explanation DHCP Snooping was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

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Error Message DHCP_SNOOP-6-VLANENABLE: DHCP Snooping enabled on vlan [dec]

Explanation DHCP Snooping was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

DIAGCLIENT Messages

This section contains the DIAGCLIENT messages.

DIAGCLIENT-2

Error Message DIAGCLIENT-2-DIAG_BOOTUP_COMPLETE: Module <[dec]> Bootup Test <[chars]> has reported <[chars]>

Explanation Bootup Test completed

Recommended Action Nothing to be done if the test reports SUCCESS otherwise copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

Error Message DIAGCLIENT-2-EEM_ACTION_HM_SHUTDOWN: Test <[chars]> has been disabled as a part of default EEM action

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PSS_READ_FAILURE: Read from PSS failed on Module <[dec]>

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]>

Explanation Write operation on PSS store failed

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

DIAGCLIENT-3

Error Message DIAGCLIENT-3-DIAG_HM_FAIL: Module <[dec]> Health Monitoring Test <[chars]> has failed. Please use 'show diagnostic result <target>' to see test results

Explanation A Health Monitoring Test has reported failure

Recommended Action Ensure the line card is firmly in the slot, reseal if necessary, and attempt to run the test again if the line card is not seated properly in the slot. If the line card was properly seated in the slot, copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information.

Error Message DIAGCLIENT-3-ONDEMAND_FAIL_EXCESS: Module <[dec]> Test <[chars]> has failed more than <[dec]> number of times

Explanation Ondemand test has failed more than configured number of times

Recommended Action Copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

Error Message DIAGCLIENT-3-PER_PORT_TEST_FAIL: Module <[dec]> Test <[chars]> has failed on Ports <[chars]> Please use 'show diagnostic result <target>' to see test results

Explanation Per Port Test has failed on the above all ports

Recommended Action No action is required.

DIAGCLIENT-4

Error Message DIAGCLIENT-4-LC_OFFLINE_FOR_CURR_SLOT: Received LC offline event for the current slot:[dec]. Ignoring it

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-4-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]

Explanation MTS send reports failure

Recommended Action No action is required.

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DIAGCLIENT-5

Error Message DIAGCLIENT-5-CALLOC_FAILURE: Memory allocation failed

Explanation DiagClient process could not allocate memory

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_SCHED_COMPLETE: Module <[dec]> Test <[chars]> has completed Scheduled Testing

Explanation A scheduled Test was completed

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_FAIL: Module <[dec]> Test <[chars]> has failed in Test_Iteration <[dec]>

Explanation The specified test has reported FAILURE in this Iteration

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_SUCCESS: Module <[dec]> Test <[chars]> has completed successfully in Test_Iteration <[dec]>

Explanation The specified test has reported SUCCESS in this Iteration

Recommended Action No action is required.

DIAGMGR Messages

This section contains the DIAGMGR messages.

DIAGMGR-2

Error Message DIAGMGR-2-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]

Explanation MTS send reports failure

Recommended Action No action is required.

Error Message DIAGMGR-2-PSS_DELETE_FAILURE: Read from PSS failed on Module <[dec]>

Explanation Read operation from PSS store failed

Recommended Action No action is required.

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Error Message DIAGMGR-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]>

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGMGR-3

Error Message DIAGMGR-3-DIAG_MAJOR_DEFECT: Module <[dec]> Test <[chars]> detected a Major Error Please use 'show diagnostic result <target>' to see test results

Explanation A major error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information.

Error Message DIAGMGR-3-DIAG_MINOR_DEFECT: Module <[dec]> Test <[chars]> detected a Minor Error Please use 'show diagnostic result <target>' to see test results

Explanation A minor error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information

Error Message DIAGMGR-3-GET_CURR_SLOT_FAIL: Failed to get the current slot for the process. Error:[chars]

Explanation The process initialization failed to get the current slot.

Recommended Action This is an informational message stating that a process initialization failure.

DIAGMGR-4

Error Message DIAGMGR-4-CURR_SLOT_OFFLINE: Recevied an LC offline event for the current slot:[dec]. Ignoring it

Explanation The process received an offline event for the slot it is running. Ignoring it.

Recommended Action This is an informational message stating that an unexpected event has been encountered.

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Error Message DIAGMGR-4-DISRPT_TST_START: Starting Test <[chars]> on Module <[dec]> is Disruptive

Explanation Starting a Disruptive Test can disturb the system's normal functionality

Recommended Action Reset target module

Error Message DIAGMGR-4-FIXED_INTRVL_CHANGED: The users are not allowed to change monitoring interval of Test <[chars]>

Explanation The specified health monitoring test interval is not user-configurable and therefore cannot be changed

Recommended Action Nothing. The specific health monitoring interval is not user-configurable by design so nothing can be done to change the interval.

DIAGMGR-5

Error Message DIAGMGR-5-BOOTUP_CONF: Diagnostic Bootup Level: <[chars]>

Explanation Current Diagnostic BootUp Level being configure or changed

Recommended Action No action is required.

Error Message DIAGMGR-5-CALLOC_FAILURE: Memory allocation failure

Explanation Memory allocation in a call to malloc/calloc has failed

Recommended Action No action is required.

Error Message DIAGMGR-5-CHANGE_ALWAYS_HM: Health Monitoring test <[chars]> in Module <[dec]> is a must run and cannot be modified

Explanation The specified health monitoring test must be run and cannot be disabled

Recommended Action Nothing. The specific health monitoring test cannot be disabled by design. The system is working properly.

Error Message DIAGMGR-5-HM_START: Health monitoring test <[chars]> for Module <[dec]>

Explanation Health Monitoring Test started

Recommended Action No action is required.

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Error Message DIAGMGR-5-HM_STOP: Disabling health monitoring test <[chars]> for Module <[dec]>

Explanation Health Monitoring Test has been stopped It can be enabled through the diagnostic monitor..... command

Recommended Action No action is required.

Error Message DIAGMGR-5-INTRVL_INCORRECT: Monitoring Interval is less than minimum of [dec] seconds required for Module <[dec]> test <[chars]>

Explanation Health Monitoring cannot be enabled for the specified test because the interval for the test has been incorrectly set

Recommended Action The system is working properly and no action is required. If you want to specify a smaller testing interval, the error message text provides the lowest possible configurable interval for the specified monitoring interval

Error Message DIAGMGR-5-MODULE_MISSING: Diagnostic command issued on non-existing Module <[dec]>

Explanation A line card could not be located in a slot where a diagnostic action was requested

Recommended Action Ensure the targeted line card is properly seated in the specified slot. If the line card is properly seated, ensure the correct slot was indicated in the command-line interface. If the line card is well-seated and the correct slot was specified, copy the error message exactly as it appears on the screen as well as the output of show tech-support and paste the output into a separate file. Contact your technical support representative with the gathered information

Error Message DIAGMGR-5-NONHM_AS_HM: The Test <[chars]> cannot be used as health monitoring test

Explanation Non-HM test cannot be scheduled to run as a Health Monitoring test

Recommended Action No action is required.

DIAGMGR-6

Error Message DIAGMGR-6-BOOTUP_DIAG_OK: Module <[dec]>: Passed Online Diagnostics

Explanation The diagnostic tests did not detect any error on the card.

Recommended Action This is an informational message stating that the line card passed the diagnostic tests.

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Error Message DIAGMGR-6-BOOTUP_TEST_STARTED: Module <[dec]>: Running [chars]
Diagnostics

Explanation Starting bootup testing for above module

Recommended Action No action is required.

DIAG_PORT_LB Messages

This section contains the DIAG_PORT_LB messages.

DIAG_PORT_LB-2

Error Message DIAG_PORT_LB-2-LCM_RESP_SEND_FAILURE: LC Inserted request response
send to Module Manager failed . Error:[chars]

Explanation Failed to send the response for LC insertion to Module Manager.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-LIF_GET_ERROR: [chars] ([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed to get Diagnostic LIF id

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-MALLOC_FAILURE: [chars] ([dec]) Memory allocation
failed.

Explanation Port Loopback test process could not allocate memory

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-PORTLOOPBACK_TEST_FAIL: Module:[dec]
Test:PortLoopback failed [dec] consecutive times. Faulty module:[chars] affected
ports:[chars] Error:[chars]

Explanation PortLoopback test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-PROC_INIT_FAILURE: [chars] ([dec]) [chars]
Error:[chars]

Explanation Port Loopback test process failed in process initialization

Recommended Action No action is required.

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Error Message DIAG_PORT_LB-2-REWRITE_ENGINE_LOOPBACK_TEST_FAIL: Module:[dec]
Test:RewriteEngine Loopback failed [dec] consecutive times. Faulty module:[chars]
affected ports:[chars] Error:[chars]

Explanation Rewrite Engine Loopback test failed on the module consecutively

Recommended Action No action is required.

DIAG_PORT_LB-3

Error Message DIAG_PORT_LB-3-DIAG_FWD_PATH_SETUP_FAILURE: [chars]. Module:[dec]
Error:[chars].

Explanation Forwarding path setup for port loopback tests failed

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-DIAG_PKT_SEND_FAILURE: [chars] ([dec]) [chars].
Error:[chars]

Explanation Port Loopback test process failed to send loopback packets.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-FSM_LIB_ERROR: [chars] ([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-GET_DIAG_BD_FAIL: [chars] ([dec]) Failed to get the BD
for Diag VLAN:[dec]. Error:[chars].

Explanation Failed to get the BD corresponding to the Diag VLAN

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-IFINDEX_LIB_FAILURE: [chars] ([dec]) [chars]
[chars]:[hex] [chars] [chars]

Explanation Port Loopback test process failed in if_index library API

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-INVALID_TEST_REQUEST: [chars] ([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to get test request info.

Recommended Action No action is required.

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Error Message DIAG_PORT_LB-3-INVALID_TEST_RUN: [chars] ([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to get the current test run information

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-MTS_LIB_ERROR: [chars] ([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PDB_LIB_API_ERROR: Failed to [chars]. Error:[dec].

Explanation The port loopback test was not able to get chassis info

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PIXM_LIB_ERROR: [chars] ([dec]) Failed to convert [chars]:[hex] to [chars]. Error:[chars]

Explanation Port Loopback test process failed to convert port ifindex <-> port index.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PORT_CFG_REQ_SEND: [chars] ([dec]) Failed to send request to configure port ifindex:[dec] for port loopback test

Explanation Failed to configure/restore the port to do/cleanup port loopback testing

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PORT_CLIENT_LIB_ERROR: [chars] ([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed in Port Client API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-RESULT_ADD_FAILURE: [chars] ([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to add the port test result

Recommended Action No action is required.

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Error Message DIAG_PORT_LB-3-RESULT_SEND_FAILURE: [chars] ([dec]) [chars]

Explanation Port Loopback test process failed to send the test results

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-RW_ENGINE_LOOPBACK_TEST_SPINE_PATH_FAIL:
Module:[dec] Test:RewriteEngine Loopback Spine path:[dec] failed [dec]
consecutive times. Error:[chars]

Explanation Rewrite Engine Loopback test failed on the spine path consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-SOCKET_ERROR: [chars] ([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed in socket operations

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-STATS_LIB_ERROR: [chars] ([dec]) [chars]:[dec]

Explanation Port Loopback test process failed in stats infra lib API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-TEST_RES_SEND_FAIL: Failed to send [chars] test
results back to Diagnostics Infrastructure. Error:[chars].

Explanation The port loopback test was not able to send the test results

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-TIMER_LIB_ERROR: [chars] ([dec]) [chars]

Explanation Port Loopback test process timer handling failure.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-VLAN_ERROR: [chars] ([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed to get Diagnostic VLAN info

Recommended Action No action is required.

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Error Message DIAG_PORT_LB-3-VQI_GET_FAIL: Failed to get the Diag VQi from XBM.
Error: [chars]

Explanation Rewrite Engine Loopback test failed to get the Diag VQi from XBAR Mgr

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-XBM_CFG_REQ_FAIL: Failed to configure the XBAR mask while running the RewriteEngineLoopback test. Error:[chars]. Module:[dec] could have gone offline

Explanation Rewrite Engine Loopback test failed to set the XBAR mask while running the test. The target module could have gone offline

Recommended Action No action is required.

DIAG_PORT_LB-5

Error Message DIAG_PORT_LB-5-DIAG_PORT_LB_DISABLED: DIAG_PORT_LB Disabled

Explanation DIAG_PORT_LB Service Disabled

Recommended Action No action is required.

Error Message DIAG_PORT_LB-5-DIAG_PORT_LB_ENABLED: DIAG_PORT_LB Enabled

Explanation DIAG_PORT_LB Service nabled

Recommended Action No action is required.

DMM Messages

This section contains the DMM messages.

DMM-SLOT#-5

Error Message DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_SRVR_ZONE: Job Id:%Ld VSAN : [dec]
New N-Port FCID : [hex] Server FCID: [hex] are in the same zone. ALERT!!

Explanation A New N-Port has come up which is zoned in the same zone as the Server

Recommended Action No action is required.

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Error Message DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_STG_ZONE: Job Id:%Ld VSAN :[dec]
New N-Port FCID :[hex] Storage FCID:[hex] are in the same zone. ALERT!!

Explanation A New N-Port has come up which is zoned in the same zone as the Storage

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_ERR_DMM_SRVR_RSCN: Job Id:%Ld Server N-Port
pWWN:0x%Lx [chars]

Explanation An RSCN event was received for the Server associated with a Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_ERR_DMM_STG_RSCN: Job Id:%Ld N-Port pWWN:0x%Lx
Storage:[chars] [chars]

Explanation An RSCN event was received for the Storage associated with a Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_COMPLETE: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the completion of a Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR_LOST_SSM_PEER_CONNECTION: Job
Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job due to loss in ip connectivity
to peer ssm

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_FINISH: Job Id:%Ld NumSession:[dec]

Explanation Event indicating Finish-request for a Method-2 Data Migration Job

Recommended Action No action is required.

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Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_START: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the start of a Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_STOP: Job Id:%Ld NumSession:[dec]

Explanation Event indicating that the Data Migration Job was stopped by Administrator

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_TCP_CONNECTION_DOWN: Job Id:%Ld lost connection to peer [chars]. Job may be RESET

Explanation Event indicating IP Connectivity loss to peer SSM. Affected Job maybe be RESET

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_COMPLETE: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the completion of a Data Migration Job Verification

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_ERROR: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job Verification due to an error

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_START: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the start of a Data Migration Job Verification

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_STOP: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job Verification by the user

Recommended Action No action is required.

DOT1X Messages

This section contains the DOT1X messages.

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DOT1X-2

Error Message DOT1X-2-DOT1X_INIT: Dot1x unable to start

Explanation The system failed to create the Dot1x process

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DOT1X-3

Error Message DOT1X-3-ERR_SPANDST: It is configured as a SPAN Dest port.

Explanation Dot1x and SPAN Dest ports are mutually exclusive features.

Recommended Action Disable SPAN destination port configuration first before reconfiguring Dot1x on the port.

Error Message DOT1X-3-INVALID_INPUT: Invalid on interface [chars].

Explanation The Dot1x interface parameter is out of the specified range or is invalid.

Recommended Action Refer to the CLI help documentation to determine the valid 802.1x parameters.

Error Message DOT1X-3-MEM_UNAVAIL: perform the 802.1X action.

Explanation Insufficient system memory is available to perform the Dot1x Authentication.

Recommended Action Reduce other system activity to ease memory demands. If conditions warrant, upgrade to a larger memory configuration.

Error Message DOT1X-3-NOT_DOT1X_CAPABLE: interface [chars] because it is not a physical Ethernet interface.

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

Error Message DOT1X-3-SM_INIT: Internal error while initializing state machine [chars], state [chars]: [chars]

Explanation An attempt was made to initialize an invalid state machine.

Recommended Action Initialize dot1x state machine.

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DOT1X-4

Error Message DOT1X-4-BADEVENT: Event [chars] is invalid for the current state [chars]: [chars] [chars]

Explanation An attempt was made to post an event to a state machine that is invalid for the current state.

Recommended Action Initialize dot1x state machine

Error Message DOT1X-4-MAB_DISABLED_ON_PCM: Interface [chars] is a member of portchannel, MAB is not supported on this port

Explanation MAB is not supported on portchannel member port

Recommended Action To enable MAB make sure that port is not member of portchannel

Error Message DOT1X-4-MAB_DISABLED: Interface [chars] is in Trunk mode, MAB is not supported on this port

Explanation MAB is not supported on Trunk port

Recommended Action To enable MAB make sure that port is not in trunk mode

Error Message DOT1X-4-MULTIHOST_ON_PCM: Interface [chars] is a member of portchannel, dot1x host mode will be multi-host and changing it to single-host mode won't be supported

Explanation Current Port is a member of portchannel, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not a member of portchannel

Error Message DOT1X-4-STOPPED: Event [chars] ignored because the state machine is stopped: [chars] [chars]

Explanation An attempted was made to post an event to a state machine that has already been stopped.

Recommended Action An internal error has occurred with the state machine. The traceback should indicate the guilty party.

Error Message DOT1X-4-TO_MULTIHOST: Interface [chars] is in trunk mode, dot1x host mode will be multi-host and changing it to single-host mode won't be supported

Explanation Current Port is in trunk mode, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not in trunk mode.

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DOT1X-5

Error Message DOT1X-5-DOT1X_DISABLED: dot1x Disabled

Explanation Dot1x Service Disabled

Recommended Action No action is required.

Error Message DOT1X-5-DOT1X_ENABLED: dot1x Enabled

Explanation Dot1x Service Enabled

Recommended Action No action is required.

Error Message DOT1X-5-INVALID_MAC: broadcast or multicast mac address) [chars] is trying to authenticate.

Explanation Authentication using 802.1x is not allowed for zero, broadcast, and multicast source MAC addresses.

Recommended Action Connect a Dot1x supported Host to the Dot1x enabled port.

Error Message DOT1X-5-SECURITY_VIOLATION: New MAC address [chars] is seen on interface [chars] in [chars] mode

Explanation The port on the interface specified in the error message is configured in single host mode. Any new host that is detected on the interface is treated as a security violation. The port has been Error disabled.

Recommended Action Ensure that the port is configured to use only one host. Enter the <Cmd>shutdown<Cmd> followed by <CmdBold>no shutdown<CmdBold> command to restart the port.

Error Message DOT1X-5-SESSION_CREATION: Dot1x authentication session initiated in interface [chars] using authentication method [chars]

Explanation Dot1x authentication session has been created after successful authentication of supplicant

Recommended Action No action is required.

Error Message DOT1X-5-SESSION_TERMINATION: Dot1x authentication session in interface [chars] using authentication method [chars] is terminated because of [chars] and port moved to [chars] state

Explanation Dot1x authentication session has been terminated

Recommended Action No action is required.

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Error Message DOT1X-5-STATUS: Dot1x interface [chars] status changed from [chars] to [chars]

Explanation Dot1x authenticator has changed its internal state

Recommended Action No action is required.

DPP_DEBUG Messages

This section contains the DPP_DEBUG messages.

DPP_DEBUG-2

Error Message DPP_DEBUG-2-DPP_CRIT: [DPP[dec]] [chars]

Explanation A DPP generated a critical message

Recommended Action No action is required.

DPVM Messages

This section contains the DPVM messages.

DPVM-2

Error Message DPVM-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-2-DPVM_DUPL_REJECT: [chars]

Explanation Rejected duplicate pwn query

Recommended Action Dpvm overwrite-duplicate-pwn

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DPVM-3

Error Message DPVM-3-DB_ERR: [chars]

Explanation An error occurred during a DPVM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-DDAS_MODE_INVALID: [chars]

Explanation DDAS mode Invalid. [chars]

Recommended Action Flip DDAS mode

Error Message DPVM-3-INIT_FAIL: [chars]

Explanation An error happened during DPVM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-PSS_ERR: [chars]

Explanation An error occurred during a DPVM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DPVM-4

Error Message DPVM-4-ACTIVATION_FAIL: [chars]

Explanation Activation of DPVM device mappings failed due to [chars]

Recommended Action Correct the error and reactivate database again

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Error Message DPVM-4-FEATURE_DISABLED: [chars]

Explanation DPVM is unavailable and disabled now

Recommended Action No action is required.

DPVM-6

Error Message DPVM-6-FEATURE_ENABLED: [chars]

Explanation DPVM is available and enabled now

Recommended Action No action is required.

Error Message DPVM-6-INFO: [chars]

Explanation An event happened that affects DPVM. [chars] indicates the event

Recommended Action No action is required.

DSTATS Messages

This section contains the DSTATS messages.

DSTATS-2

Error Message DSTATS-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]

Explanation Dstats process pss initialization failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

DSTATS-3

Error Message DSTATS-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]

Explanation Dstats process pss create runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

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Error Message DSTATS-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]

Explanation Dstats process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]

Explanation Dstats process pss set runtime max key failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]

Explanation Dstats process pss set runtime max value failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]

Explanation Dstats process pss open runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]

Explanation Dstats process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]

Explanation Dstats process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

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Error Message DSTATS-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]

Explanation Dstats process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message DSTATS-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]

Explanation Dstats process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

ELTMC Messages

This section contains the ELTMC messages.

ELTMC-SLOT#-2

Error Message ELTMC-SLOT#-2-ELTMC_INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]

Explanation ELTM database doesn't have the interface.

Recommended Action No action is required.

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Error Message ELTMC-SLOT#-2-ELTMC_INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]

Explanation ELTM doesn't support the interface for the specified operation

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_TO_SLOT: Failed to get slot for interface [chars] return status [chars]

Explanation ELTM Failed to get Slot for interface. Port-channels and L2 Learning might be effected

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_INTF: Failed to allocate L2 LIF entries in forwarding engine for interfac [chars]

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_VDC: Failed to allocate L2 LIF entries in forwarding engine

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding in this VDC

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L3_INGRESS_LIF_ALLOC_FAIL_INTF: Failed to allocate L3 Ingress LIF entries in forwarding engine for interfac [chars]

Explanation ELTM Failed to allocate L3 Ingress LIF entries in forwarding engine. This will effect Layer 3 forwarding for the interface

Recommended Action No action is required.

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Error Message ELTMC-SLOT#-2-ELTMC_RSVD_VLAN: Failed to get the reserved vlans.
Failed with error [chars]

Explanation ELTM Failed to get the reserved vlan's. This will effect multicast forwarding on SVI interfaces

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_VLAN_INTERNAL_ERROR: Internal error: VLAN [dec]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

ELTM Messages

This section contains the ELTM messages.

ELTM-2

Error Message ELTM-2-INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTM-2-INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]

Explanation ELTM database doesn't have the interface.

Recommended Action No action is required.

Error Message ELTM-2-INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]

Explanation ELTM doesn't support the interface for the specified operation

Recommended Action No action is required.

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Error Message ELTM-2-INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

ELTM-6

Error Message ELTM-6-ELTM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

EOU Messages

This section contains the EOU messages.

EOU-2

Error Message EOU-2-PBACL_APPLICATION_FAILURE: [chars] of host [chars] to/from pbacl group [chars] failed. Error : [chars]

Explanation Failure of host addition/deletion to/from pbacl group

Recommended Action Please verify the addition/deletion of the host using the cli show object-group. If it was a delete request that failed, manual deletion of the host from the group is recommended

EOU-5

Error Message EOU-5-L2NAC_DISABLED: EOU Disabled

Explanation Service EOU Disabled

Recommended Action No action is required.

Error Message EOU-5-L2NAC_ENABLED: EOU Enabled

Explanation Service EOU enabled

Recommended Action No action is required.

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EOU-6

Error Message EOU-6-AAA_DOWN: Default Policy ip: [chars]:retained

Explanation Policy retained

Recommended Action No action is required.

Error Message EOU-6-AUTHTYPE: Authtype: ip: [chars] Authtype:[chars]

Explanation Authentication type

Recommended Action No action is required.

Error Message EOU-6-BAD_PKT: Bad Packet: ip: [chars] Why: [chars]

Explanation Bad Packet because of reason specified

Recommended Action No action is required.

Error Message EOU-6-CTA: CTA: ip: [chars] status(detected/not detected): [chars]

Explanation CTA detected or not

Recommended Action No action is required.

Error Message EOU-6-IDENTITY_MATCH: Identity Match: ip: [chars] Policy: [chars]

Explanation Identity Matched or not

Recommended Action No action is required.

Error Message EOU-6-PBACL_APPLICATION_STATUS: [chars] of host [chars] to/from pbacl group [chars] succeeded

Explanation Status of host addition/deletion to pbacl group

Recommended Action No action is required.

Error Message EOU-6-POLICY: Policy on ip: [chars]: [chars]: [chars]

Explanation Policy applied

Recommended Action No action is required.

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Error Message EOU-6-POSTURE: Posture:ip: [chars] Status: [chars], Interface: [chars]

Explanation Posture of host

Recommended Action No action is required.

Error Message EOU-6-SESSION: Session ip: [chars] Action:[chars] , Interface: [chars]

Explanation Session detected

Recommended Action No action is required.

Error Message EOU-6-SOCKET: Service eou on port: [dec]

Explanation Eou using above port

Recommended Action No action is required.

Error Message EOU-6-SQ_EAP_MSG: Status Query: ip: [chars] status: [chars]

Explanation Status query state

Recommended Action No action is required.

Error Message EOU-6-UNKN_EVENT_ERR: Unknow Event Err: ip: [chars] Message: [chars]

Explanation Error due to unknown event

Recommended Action No action is required.

Error Message EOU-6-VERSION_MISMATCH: Eou version mismatch ip: [chars] and version [dec]

Explanation Eou version mismatch

Recommended Action No action is required.

EOU-7

Error Message EOU-7-EOU_DISABLED_INTF: eou disabled on interface [chars]

Explanation Eou service disabled on interface

Recommended Action No action is required.

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Error Message EOU-7-EOU_ENABLED_INTF: eou enabled on interface [chars]

Explanation Eou service enabled on interface

Recommended Action No action is required.

EPP Messages

This section contains the EPP messages.

EPP-5

Error Message EPP-5-EPP_FAILURE: Interface [chars] EPP Failure

Explanation Trunk protocol failed

Recommended Action 'show epp internal event-history err' will indicate the errors encountered

Error Message EPP-5-EPP_LOOPBACK: Interface [chars] is looped back to the same switch

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

ETH-PORT-SEC Messages

This section contains the ETH-PORT-SEC messages.

ETH-PORT-SEC-2

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION_ANOTHER_PORT: Host [chars] bound to Port [chars] in Vlan [dec] is trying to access Port [chars] in Vlan [dec]

Explanation Moved the port to violation state due to a mac address seen on one port being seen on another

Recommended Action No action is required.

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Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION_MAX_MAC_VLAN: Port [chars] moved to [chars] state as host [chars] is trying to access the port in vlan [dec]

Explanation Moved the port to violation state due to exceeding address count

Recommended Action No action is required.

ETH-PORT-SEC-3

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_CONFIG_MAC_FAILED: Failed to configure MACs

Explanation Failed to configure MACs

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_INVALID_VLAN: Invalid VLAN configuration

Explanation Invalid VLAN configuration

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_DISABLE: Unable to disable eth_port_sec [chars].

Explanation Unable to disable eth_port_sec Service

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_ENABLE: Unable to enable eth_port_sec [chars].

Explanation Unable to enable eth_port_sec Service

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_VIOL_UPDATE_FAILED: Failed to update violation mode

Explanation Failed to update violation mode

Recommended Action No action is required.

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ETH-PORT-SEC-5

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_AGE_TIME_EXPIRY: Age Time expired for host [chars] in VLAN [dec] in port [chars]

Explanation Age time expired for host

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DISABLED: eth_port_sec Disabled on port [chars]

Explanation Eth_port_sec Service Disabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DYNAMIC_MAC_ADDRESS_CLEARED: Dynamic MAC addresses for port [chars] cleared

Explanation Dynamic MAC address for port cleared

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_ENABLED: eth_port_sec Enabled on port [chars]

Explanation Eth_port_sec Service Enabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_ADDITION: A new Host [chars] learnt on Port [chars] in Vlan [dec]

Explanation A new host is learnt on a port

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_DELETION: Host [chars] bound to secure port [chars] in Vlan [dec] has been removed

Explanation A host has been removed

Recommended Action No action is required.

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Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_MAX_LIMIT_EXCEED: Max Addr per port config cannot be accepted as it will violate the System Max limit. [chars]

Explanation System wide Max Limit Exceeds

Recommended Action No action is required.

ETHPORT Messages

This section contains the ETHPORT messages.

ETHPORT-2

Error Message ETHPORT-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message ETHPORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command 'show port internal all interface [char]'. In most cases, you can recover using a 'shutdown' followed a 'no shutdown' on the interface or removing and re-inserting the fibre optic cable.

Error Message ETHPORT-2-IF_ERROR_SHUT_LAN_NO_DCX: Shutting lan on interface [chars] that doesn't connect to a DCBX capable adaptor.

Explanation Shutting lan on interface that doesn't connect to a DCBX capable adaptor.

Recommended Action No action is required.

Error Message ETHPORT-2-IF_SEQ_ERROR: Error ([chars]) while communicating with component [chars] for opcode [chars] ([chars])

Explanation Some component returned system error as a response to one of the port event sequence.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message ETHPORT-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETHPORT-2-SYSLOG_ETHPM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

ETHPORT-3

Error Message ETHPORT-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform 'shut' and 'no shutdown' on the PortChannel interface that it belongs to

Error Message ETHPORT-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message ETHPORT-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message ETHPORT-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message ETHPORT-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

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Error Message ETHPORT-3-IF_UNSUPPORTED_TRANSCEIVER_VENDOR: Transceiver vendor ([hex] [hex] [hex]) for interface [chars] is not supported

Explanation The transceiver vendor for the interface specified in the error message is not supported

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message ETHPORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

ETHPORT-4

Error Message ETHPORT-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

ETHPORT-5

Error Message ETHPORT-5-IF_BANDWIDTH_CHANGE: Interface [chars], bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform 'no shutdown'

Error Message ETHPORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

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Error Message ETHPORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform 'no shutdown' on the PortChannel interface that it belongs to

Error Message ETHPORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message ETHPORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

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Error Message ETHPORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of 'show port internal info' in the 'ELP failure reason' field

Error Message ETHPORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action 'show port internal event-history msgs' will indicate the trunk protocol exchanges to determine why it failed

Error Message ETHPORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of 'show port internal event-history' to determine the ESC protocol exchanges to determine how it failed

Error Message ETHPORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down (Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message ETHPORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down (Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

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Error Message ETHPORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message ETHPORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message ETHPORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module's hardware has failed

Recommended Action Collect more information about failed module using command 'show module internal all module'

Error Message ETHPORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the list of modes supported on this interface

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from 'show port internal info'

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from 'show port internal info'

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Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the range of speed supported on this interface

Error Message ETHPORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of 'show port internal event-history' to determine what it is waiting for

Error Message ETHPORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message ETHPORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command 'attach module' to connect to module

Error Message ETHPORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

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Error Message ETHPORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_NONE: Interface [chars] is down (None)

Explanation There is no apparent reason the interface is down

Recommended Action Collect more information about port using command 'show port internal info/event-history' to determine why it went down

Error Message ETHPORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down (TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message ETHPORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down (TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

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Error Message ETHPORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannel's members

Error Message ETHPORT-5-IF_DOWN_PORT_PROFILE_DEINHERIT_ERR: Interface [chars] is down (port-profile de-inherit error)

Explanation Interface is down because the existing port-profile on the interface failed to de-inherit properly

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PORT_PROFILE_INHERIT_ERR: Interface [chars] is down (port-profile inherit error)

Explanation Interface is down because the associated port-profile failed to inherit properly

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PORT_PROFILE_NOT_FOUND: Interface [chars] is down (port-profile not found)

Explanation Interface is down because there is no associated port-profile

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a 'shutdown' and a 'no shutdown'

Error Message ETHPORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

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Error Message ETHPORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message ETHPORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

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Error Message ETHPORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a 'shutdown' and a 'no shutdown'. If this happens again obtain output of 'show port internal info/event-history' on the interface

Error Message ETHPORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

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Error Message ETHPORT-5-IF_DOWN_VEM_UNLICENSED: Interface [chars] is down (VEM unlicensed)

Explanation Interface is down because VEM is unlicensed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message ETHPORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

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Error Message ETHPORT-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message ETHPORT-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message ETHPORT-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

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Error Message ETHPORT-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

ETH_PORT_CHANNEL Messages

This section contains the ETH_PORT_CHANNEL messages.

ETH_PORT_CHANNEL-1

Error Message ETH_PORT_CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed [[chars]]

Explanation Module configuration failed

Recommended Action Module will be automatically reset

Error Message ETH_PORT_CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])

Explanation No enough memory

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for [chars] [[chars]]

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message ETH_PORT_CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast [chars]: [chars]

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

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ETH_PORT_CHANNEL-2

Error Message ETH_PORT_CHANNEL-2-RESET_MODULE: reset module [dec] for not responding or returning error

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

ETH_PORT_CHANNEL-3

Error Message ETH_PORT_CHANNEL-3-ALL_DROP_TIMEOUT: Some component(s) timed out on dropping notif:[chars] (for:[chars]); Please collect <show system internal mts buffers details>

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETH_PORT_CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

Error Message ETH_PORT_CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-LACP_ERROR: [chars] [chars]

Explanation LACP error

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

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Error Message ETH_PORT_CHANNEL-3-NUM_ACTIVE_PORTS_ERROR: Port-channel:[chars] active_nports [dec]; No member is active; Please collect <show tech-support port-channel/ethpm>

Explanation Port-channel num active ports error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETH_PORT_CHANNEL-3-PCM_HWCFG_FAIL_ERROR: Port-channel:[chars] mbr:[chars] SAP [dec] returned error [chars] for opc [chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>

Explanation Port-channel hwcfg fail error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETH_PORT_CHANNEL-3-PCM_INTERNAL_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>

Explanation Port-channel internal error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETH_PORT_CHANNEL-3-PCM_PORT_DOWN_IN_PC_UP_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>

Explanation Port-channel port down in pc_up. No bundle member down

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ETH_PORT_CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-RSP_TIMEOUT: Component [chars] timed out on response to opcode:[chars] (for:[chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message ETH_PORT_CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

ETH_PORT_CHANNEL-4

Error Message ETH_PORT_CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars] (different module inserted)

Explanation Port is removed from a port-channel because a different module was inserted to the same slot

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message ETH_PORT_CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message ETH_PORT_CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-4-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

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ETH_PORT_CHANNEL-5

Error Message ETH_PORT_CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-CREATED: [chars] created

Explanation A port-channel is created

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-DELETED: [chars] deleted

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

Error Message ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation Operational compatibility check failed on the port in a port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

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Error Message ETH_PORT_CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number> greater than [dec] is present

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface> which is greater than 128

Error Message ETH_PORT_CHANNEL-5-OPINPROGRESS_TIMEOUT: [chars] operation in progress has timed out

Explanation Port-channel operation in progress has timed out

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PCM_CHANNEL_GRP_ID_DEPRECATED: channel-group <id> command is deprecated. Please configure channel through port-profile using channel-group auto command.

Explanation Channel-group <id> command is deprecated. Please configure channel through port-profile using \channel-group auto\ command.

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PCM_ROLLBACK_MAX_PORTS_EXCEEDED: Max ports per channel exceeded while trying to create port-channel [dec]. Rollback will be performed.

Explanation No action is required.

Recommended Action Port-channel

Error Message ETH_PORT_CHANNEL-5-PCM_ROLLBACK: Rollback for Port Channel [dec], module [dec]

Explanation Channel creation failed. Rollback has been performed.

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_ADDED: [chars] added to [chars]

Explanation Ports are added to a port-channel

Recommended Action No action is required.

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Error Message ETH_PORT_CHANNEL-5-PORT_DOWN: [chars]: [chars] is down

Explanation Port goes down in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY_DOWN: [chars]: hot-standby port [chars] is down

Explanation Port-channel hot-standby member goes down

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY: [chars]: [chars] goes to hot-standby

Explanation Port goes to hot-standby in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_INDIVIDUAL_DOWN: individual port [chars] is down

Explanation Port-channel member operating in individual mode goes down

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_SUSPENDED: [chars]: [chars] is suspended

Explanation Port is suspended in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_UP: [chars]: [chars] is up

Explanation Port comes up in a port-channel

Recommended Action No action is required.

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Error Message ETH_PORT_CHANNEL-5-SUBGROUP_ID_CHANGE: Interface [chars] in port-channel[dec] subgroup-id changed from [dec] to [dec]

Explanation The port's subgroup-id got changed

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-SUBGROUP_ID_PORT_ADDED: Interface [chars] is added to port-channel[dec] with subgroup id [dec]

Explanation The port is added to port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-SUBGROUP_ID_PORT_REMOVED: Interface [chars] is removed from port-channel[dec] with subgroup id [dec]

Explanation The port is removed from port-channel

Recommended Action No action is required.

ETH_PORT_CHANNEL-6

Error Message ETH_PORT_CHANNEL-6-RESYNC: resyncing [chars] with all modules

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

ETH_PORT_CHANNEL-7

Error Message ETH_PORT_CHANNEL-7-GSYNC_DONE: global synchronization is done

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-GSYNC_REQ: requesting global synchronization

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_ACTIVE: started in active mode

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

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Error Message ETH_PORT_CHANNEL-7-START_DEFAULT: started with default configuration

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STANDBY: started in standby mode

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STATEFUL: started statefully

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STATELESS: started statelessly

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

EUREKA_USD Messages

This section contains the EUREKA_USD messages.

EUREKA_USD-3

Error Message EUREKA_USD-3-MSG1: [chars]

Explanation Eureka log message

Recommended Action No action is required.

EVMC Messages

This section contains the EVMC messages.

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EVMC-5

Error Message EVMC-5-AVL_CREATE_FAIL: [chars]([dec]): AVL Tree creation failure

Explanation Event Manager could not initialize local policy store

Recommended Action No action is required.

Error Message EVMC-5-MALLOC_FAILURE: [chars]([dec]): Memory allocation failure

Explanation Event Manager Client process could not allocate memory

Recommended Action No action is required.

Error Message EVMC-5-RT_PSS_OP_FAILURE: [chars]([dec]): Failed to [chars].
Error: [chars]

Explanation Event Manager Client could access HA store

Recommended Action No action is required.

EVMS Messages

This section contains the EVMS messages.

EVMS-2

Error Message EVMS-2-EVMS_PSS_DELETE_FAILURE: Delete from PSS failed

Explanation Delete from PSS failed

Recommended Action No action is required.

Error Message EVMS-2-EVMS_PSS_WRITE_FAILURE: Write to PSS failed

Explanation Write to PSS failed

Recommended Action No action is required.

Error Message EVMS-2-EVMS_SHOW_POLICY_ALLOC_FAILURE: Insufficient memory: policy information shown will be incomplete

Explanation Memory allocation failed. so complete requested information is not being shown

Recommended Action No action is required.

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EVMS-4

Error Message EVMS-4-EVMS_APPLET_NO_ACTION_DEFAULT: WARNING: The default system policy actions are being skipped

Explanation The default system policy actions are being skipped

Recommended Action No action is required.

EXCEPTIONLOG Messages

This section contains the EXCEPTIONLOG messages.

EXCEPTIONLOG-SLOT#-2

Error Message EXCEPTIONLOG-SLOT#-2-LC_EXP_MSG: Linecard exception: [chars] is the affected Port bit map. [dec] Additional information - [chars]

Explanation LC Exception event.

Recommended Action No action is required.

FC-TUNNEL Messages

This section contains the FC-TUNNEL messages.

FC-TUNNEL-3

Error Message FC-TUNNEL-3-INTERNAL_ERROR: Internal error: [chars]

Explanation FCMPLS tunnel process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FC-TUNNEL-3-IPFC_ERROR: IPFC API, [chars], failed with error [hex]

Explanation FCMPLS tunnel invoked IPFC API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

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Error Message FC-TUNNEL-3-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation FCMPPLS tunnel process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec]

Recommended Action No action is required.

Error Message FC-TUNNEL-3-NS_ERROR: FCNS API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PM_ERROR: Port Manager API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked Port Manager API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]

Explanation FCMPPLS tunnel read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_ERROR: PSS operation [chars] returned error: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation FCMPPLS tunnel read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

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Error Message FC-TUNNEL-3-RIB_ERROR: RIB API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-RSVP_PROTO_ERROR: RSVP protocol error: [chars]

Explanation RSVP-TE protocol error is encountered. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FC-TUNNEL-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation FCMPPLS tunnel process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

FC-TUNNEL-5

Error Message FC-TUNNEL-5-MSG_INTERFACE_DOWN: Interface [chars] is down

Explanation The logical fc tunnel interface is down. This may be due to a reconfiguration on the fc tunnel, or issues on the underlying physical interface

Recommended Action If this is not due to a known reconfiguration, you should verify connectivity at the physical port level, and then on then on the fc tunnel interface. Furthermore, verify the physical ports along the fc tunnel path operate in the TE mode

Error Message FC-TUNNEL-5-MSG_INTERFACE_UP: Interface [chars] is up

Explanation The fc interface is up

Recommended Action No action is required.

FCC_LC Messages

This section contains the FCC_LC messages.

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FCC_LC-2

Error Message FCC_LC-2-ERROR_SENDING_HEART_BEAT: Error sending heart beat [dec]

Explanation FCC_LC has error sending heart beat

Recommended Action No action is required.

Error Message FCC_LC-2-EXITING: Exiting fcc_lc: [chars]

Explanation FCC_LC exiting

Recommended Action No action is required.

Error Message FCC_LC-2-HEART_BEAT_NOT_SENT: Heart beat not sent for [dec] millisecs

Explanation FCC_LC has not sent heart beat

Recommended Action No action is required.

Error Message FCC_LC-2-SHUTDOWN: Process shutting down: [chars]

Explanation FCC_LC Process is shutting down

Recommended Action No action is required.

Error Message FCC_LC-2-UNABLE_READ_DATA: Unable to read fcc data ([chars])

Explanation FCC is unable to read and process relevant FCC data

Recommended Action No action is required.

FCC_LC-5

Error Message FCC_LC-5-BAD_MSG: Received bad message: [chars]

Explanation FCC_LC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message FCC_LC-5-DISABLE: FCC_LC has been disabled

Explanation FCC_LC has been disabled

Recommended Action No action is required.

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Error Message FCC_LC-5-ENABLE: FCC_LC has been enabled

Explanation FCC_LC has been enabled

Recommended Action No action is required.

Error Message FCC_LC-5-STARTING: FCC_LC process started

Explanation Process started successfully

Recommended Action No action is required.

Error Message FCC_LC-6-PRIO_UPDATE: Updated enable priority to [dec]

Explanation FCC_LC is active for packets with priority <= [threshold]

Recommended Action No action is required.

Error Message FCC-2-SHUTDOWN: Process shutting down: [chars]

Explanation FCC Process is shutting down

Recommended Action No action is required.

FCC-5

Error Message FCC-5-BAD_MSG: Received bad message: [chars]

Explanation FCC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message FCC-5-CONGESTION_STATE_CHANGE_NOTIF: Received Congestion State Change notification to state: [dec]

Explanation FCC has received a Contestion State Change Notification

Recommended Action No action is required.

Error Message FCC-5-DISABLE: FCC has been disabled

Explanation FCC has been disabled

Recommended Action No action is required.

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Error Message FCC-5-ENABLE: FCC has been enabled

Explanation FCC has been enabled

Recommended Action No action is required.

Error Message FCC-5-RATE_LIMIT_END_NOTIF: Received Rate Limit End notification

Explanation FCC has received a Rate Limit End Notification

Recommended Action No action is required.

Error Message FCC-5-RATE_LIMIT_START_NOTIF: Received Rate Limit Start notification

Explanation FCC has received a Rate Limit Start Notification

Recommended Action No action is required.

Error Message FCC-5-STARTING: FCC process started

Explanation Process started successfully

Recommended Action No action is required.

FCC-6

Error Message FCC-6-PRIO_UPDATE: Updated enable priority to [dec]

Explanation FCC is active for packets with priority <= [threshold]

Recommended Action No action is required.

FCDDH Messages

This section contains the FCDDH messages.

FCDDH-SLOT#-3

Error Message FCDDH-SLOT#-3-LOG_FCDDH_ERR: Nonrecoverable error - exiting: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

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FCDDH-SLOT#-4

Error Message FCDDH-SLOT#-4-LOG_FCDDH_WARNING: Serious error: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

FCDDH-SLOT#-5

Error Message FCDDH-SLOT#-5-LOG_FCDDH_DEBUG: Unexpected error: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message FCDDH-SLOT#-5-LOG_FCDDH_NOTICE: [chars]

Explanation Major configuration changes

Recommended Action No action is required.

FCDD Messages

This section contains the FCDD messages.

FCDD-SLOT#-3

Error Message FCDD-SLOT#-3-LOG_FCDD_ERR: Nonrecoverable error - exiting: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

FCDD-SLOT#-4

Error Message FCDD-SLOT#-4-LOG_FCDD_WARNING: Warning!: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

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FCDD-SLOT#-5

Error Message FCDD-SLOT#-5-LOG_FCDD_GCONF_FSM: [chars]

Explanation Illegal event received in Global Configuration FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_NOTICE: [chars]

Explanation Major configuration changes

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_RESCAN_FSM: [chars]

Explanation Illegal event received in Rescan FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_TZONE_FSM: [chars]

Explanation Illegal event received in Twilight Zone Remover FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_VCONF_FSM: [chars]

Explanation Illegal event received in VSAN Configuration FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_VNO_FSM: [chars]

Explanation Illegal event received in VSAN Normal Operation FSM

Recommended Action No action is required.

FCDD-SLOT#-7

Error Message FCDD-SLOT#-7-LOG_FCDD_DEBUG: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

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FCDOMAIN Messages

This section contains the FCDOMAIN messages.

FCDOMAIN-2

Error Message FCDOMAIN-2-DOMS_CONFLICT: Conflict detected: ([dec]) domain ID [dec] WWN [chars]

Explanation Conflict detected ([dec]) domain ID [dec] with WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-EPORT_ISOLATED: Isolation of interface [chars] (reason: [chars])

Explanation Fcdomain has isolated interface [chars] (reason: [chars].) Perform a show interface. Based on the reason specified, you might have to ensure domains are adequate and unique in the VSAN and perform a disruptive restart [fcdomain restart disruptive vsan <vsan-id>] or to reinitialize the port.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2BIND_FAILED: Bind to FC2 Service failed

Explanation Fcdomain has not been able to contact the FC2 module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2_INITIALIZATION_FAILED: FC initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the Fibre Channel subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2_SET_SOCKETOPT_DM_SOCKET_FAILED: set sockopt to FC2 Service failed

Explanation Fcdomain has not been able to setsockopt to the FC2 module.

Recommended Action No action is required.

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Error Message FCDOMAIN-2-FCID_PERSISTENT_TBL_COMPLETELY_FULL: FCID persistent table is completely full

Explanation The FCID persistent table is full. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table. No more entries can be saved as persistent FCIDs across reboots.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries OR disable the feature on certain VSANs which are not critical enough [no fcdomain fcid persistent].

Error Message FCDOMAIN-2-HIGH_PRIORITY_MTSBIND_FAILED: Bind for high priority IPC failed

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module for its high priority queue.

Recommended Action No action is required.

Error Message FCDOMAIN-2-INITIALIZATION_FAILED: Initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTSBIND_FAILED: Bind to IPC failed

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTSREGISTRATION_FAILED: Registration of opcodes with IPC Service failed

Explanation Fcdomain has not been able to register its messages with the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTS_INITIALIZATION_FAILED: IPC initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the IPC (Inter Process Communication) subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

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Error Message FCDOMAIN-2-MY_NON_VIRTUAL_DOM_CONFLICTS: During VSAN merge detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch

Explanation It has been detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch.

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-NON_VIRTUAL_DOMS_CONFLICTS: During VSAN merge detected conflict between two switches having the same non-virtual domain ID [dec] and the same WWN [chars]

Explanation It has been detected that two switches have the same non-virtual domain ID [dec] and the same WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-PSSBIND_FAILED: Bind to Persistent Storage Service failed

Explanation Fcdomain has not been able to contact the Persistent Storage Service (PSS).

Recommended Action No action is required.

Error Message FCDOMAIN-2-RDIRJT: Rejected request for domain ID [dec], WWN requestor [chars] (reason code [dec])

Explanation An invalid request for domain IDs has been rejected by fcdomain.

Recommended Action Perform [show fcdomain vsan <vsan-id>] for all the switches in the affected VSAN; if a switch does not have a valid current domain ID, configure preferred domain ID zero, then perform [fcdomain restart vsan <vsan-id>] in the affected VSAN.

Error Message FCDOMAIN-2-SYSBIND_FAILED: Bind to System Manager service failed

Explanation Fcdomain has not been able to contact the System Manager.

Recommended Action No action is required.

Error Message FCDOMAIN-2-SYSMGR_INITIALIZATION_FAILED: System Manager initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the System Manager. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

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FCDOMAIN-3

Error Message FCDOMAIN-3-COMMITERRORLOCALINVALIDALLOWEDDOMS: A remote switch attempted to locally apply an illicit allowed domains configuration

Explanation A remote switch attempted to locally apply an allowed domains configuration that doesn't include all currently assigned domains or the locally configured domain.

Recommended Action No action is required.

Error Message FCDOMAIN-3-COMMITERRORREMOTEINVALIDALLOWEDDOMS: A remote switch (domain ID [dec], WWN [chars]) refuses to locally apply the proposed allowed domains

Explanation The remote switch with domain ID [dec] and WWN [chars] refuses to locally apply the proposed allowed domains probably due to incompatibility with its local configured domain or the domain ID list.

Recommended Action Check the configuration on the remote switch, and make sure that the proposed allowed domains include it. Also, make sure that the the proposed allowed domains include all the domains in the domain ID list.

Error Message FCDOMAIN-3-MTSOPENTRX_FAILED: IPC failure (opening of a transaction failed)

Explanation Fcdomain was not able to open a transaction(HA Purposes.)

Recommended Action No action is required.

Error Message FCDOMAIN-3-MTSRECV_FAILED: IPC failure (receiving of a message failed)

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-MTSRESP_FAILED: IPC failure replying to a request message (error [hex])

Explanation Fcdomain has not been able to reply to a request coming from the Inter Process Communication (IPC) module (error [hex]).

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive).

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Error Message FCDOMAIN-3-MTSSSENDREQ_FAILED: IPC failure (sending of a request failed)

Explanation Fcdomain was not able to send a request using the Inter Process Communication module.

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-MTSSSEND_FAILED: IPC failure (sending of a message (syserr [hex], opc [dec], mtsq [dec], sap.node [hex], sap_addr [dec]) failed)

Explanation Fcdomain has not been able to send a message to the Message Transactional Service (MTS).

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive).

Error Message FCDOMAIN-3-MTS_H_RECV_FAILED: IPC failure (receiving of a message failed)

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-NVRAMFAILURE: NVRAM open failed

Explanation Reading the last assigned runtime domain IDs from Non Volatile RAM (NVRAM) failed.

Recommended Action Fcdomain is able to continue without access to the Non Volatile RAM (NVRAM.)

Error Message FCDOMAIN-3-PORT_SUSPENDED: Response (Cmd Code [hex]) for SWILS [hex] intended for [chars] is received on [chars]

Explanation An FC2 response frame (Command Code [hex]) for SWILS [hex] that was intended for interface [chars] has been received on [chars] instead.

Recommended Action Check the configuration of both interfaces on the local switch and the interfaces on the other side of their corresponding links. In particular, check whether they should all belong to the same port-channel.

Error Message FCDOMAIN-3-SDWRAPBIND_FAILED: Bind to debug server failed

Explanation Fcdomain feature has not been able to contact the debug service. Any problems occurring in the fcdomain feature will not be logged.

Recommended Action No action is required.

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Error Message FCDOMAIN-3-SDWRAPHISTINIT_FAILED: Initialization of history message list failed.

Explanation Fcdomain feature has not been able to contact the debug history service. Any problems occurring in the fcdomain feature will not be logged to this debug history.

Recommended Action No action is required.

Error Message FCDOMAIN-3-VSAN_MERGE_DETECTED: Merge detected with VSAN [dec] (Common Fabric Name [chars])

Explanation The local VSAN and VSAN [dec] have the same principal switch [chars], hence are connected in the same logical fabric.

Recommended Action No action is required.

FCDOMAIN-4

Error Message FCDOMAIN-4-DM_ALLOWED_DM_LIST_MOD_ON_SUBORDINATE: Allowed domain list for vsan [dec] modified on subordinate switch with fcdomain distribution enabled

Explanation When distribution is enabled, it is recommended to modify the allow domain list on the principal switch only.

Recommended Action Abort the current session on the local switch and start a new one on the principal switch.

Error Message FCDOMAIN-4-FABRICCONFSTARTRCF: Disruptive reconfiguration started

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has started. This can happen when two or more fabrics merge disruptively, or when the user manually triggers a disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-4-FC2_CORRUPTED: Received malformed FC2 [chars] frame

Explanation Fcdomain received a malformed FC2-SWILS frame.

Recommended Action No action is required.

Error Message FCDOMAIN-4-FCID_PERSISTENT_TBL_ALMOST_FULL: FCID persistent table is almost full

Explanation Fcdomain has 80% or more of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries.

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FCDOMAIN-5

Error Message FCDOMAIN-5-DOMAIN_TYPE_IS_PREFERRED: The domain ID type is currently configured as preferred in all the existing VSANs

Explanation All the currently existing VSANs have the domain ID type configured as preferred. This means that with a low probability the domain ID of the local VSAN might change after a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message FCDOMAIN-5-FCIDP_DISABLED: FCID persistency feature is currently not enabled in any of the existing VSANs

Explanation All the currently existing VSANs have the FCID persistency feature disabled.

Recommended Action Type [fcdomain fcid persistent vsan <vsan-id>] to enable FCID persistency in an existing VSAN. Type [fcdomain fcid persistent global-enable] to automatically enable the FCID persistency feature on all newly created VSANs.

Error Message FCDOMAIN-5-FCID_PERSISTENT_TBL_HALF_FULL: FCID persistent table is half full

Explanation Fcdomain has 50% of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action You may want to purge stale entries [purge fcdomain fcid] to obtain more free entries.

Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSDATAREQUEST: Received CFS Data request from unknown domain [dec].

Explanation A CFS Data request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSLockREQUEST: Received CFS Lock request from unknown domain [dec].

Explanation A CFS Lock request from the unknown domain [dec] has been received.

Recommended Action No action is required.

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Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSRELEASEREQUEST: Received CFS Release request from unknown domain [dec].

Explanation A CFS Release request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message FCDOMAIN-5-UNKNOWNDOMAININUNKNOWNCFSREQUEST: Received CFS request from unknown domain [dec].

Explanation A CFS request from the unknown domain [dec] has been received.

Recommended Action No action is required.

FCDOMAIN-6

Error Message FCDOMAIN-6-BF_STARTED: BF started by [chars]

Explanation Build Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message FCDOMAIN-6-CANNOTFREESINGLEFCID: Impossible to free single FCIDs

Explanation Impossible to free single FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-CLEARLOCKNOTIFICATIONRECEIVED: Implicit lock release.

Explanation Lock has been implicitly released due to a clear session operation.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DOMAINID_INVALID: Local domain ID invalid

Explanation The local domain ID is invalid.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DOMAINID_VALID: Local domain ID [dec] available

Explanation The domain ID [dec] is available.

Recommended Action No action is required.

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Error Message FCDOMAIN-6-DOWNSTREAM_SWITCHED: Downstream interface has been fast-switched from [chars] to [chars]

Explanation Because of a link failure the downstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_ALREADY_CREATED: Interface [chars] already created

Explanation Interface [chars] already created.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_ALREADY_DOWN: Interface [chars] is already down

Explanation Interface [chars] already down.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CLEANUP: Interface [chars] received cleanup request

Explanation Fcdomain on interface [chars] has received a cleanup request.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CREATED: Creation of interface [chars]

Explanation Fcdomain is going to create interface [chars].

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_DOWN: Interface [chars] is down

Explanation Fcdomain is going to remove interface [chars] from its database.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICCONFSTARTBF: Non disruptive reconfiguration started

Explanation A non disruptive reconfiguration (BF phase) of the VSAN has started. This can happen when two or more fabrics merge, or when the user manually triggers a non disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

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Error Message FCDOMAIN-6-FABRICNAME_INVALID: Fabric name not available

Explanation Fabric name not available.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICNAME_VALID: Fabric name [chars] available

Explanation Fabric name [chars] available.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDALREADYFREE: FCIDs already free

Explanation FCIDs already free.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDNOTSTORED: FCIDs not stored

Explanation FCIDs not stored.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDP_ENABLED_DOM_TYPE_PREFERRED: FCID persistency is enabled, but the domain ID type is configured as preferred

Explanation The FCID persistency feature is enabled, but the domain ID type is configured as preferred. This means that with a low probability the domain ID of the local VSAN might change after a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link. Should the domain ID change, all the FCIDs associated with it would be invalidated.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message FCDOMAIN-6-FCIDS_ASSIGNED: Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]

Explanation Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDS_FREED: Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]

Explanation Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

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Error Message FCDOMAIN-6-FCID_ASSIGNED: Assigned single FCID [hex]:[hex]:[hex]

Explanation Assigned single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCID_FREED: Freed single FCID [hex]:[hex]:[hex]

Explanation Freed single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-INCORRECTDOMAINRANGE: Requested FCIDs with domain field not in expected range

Explanation Requested FCIDs with domain field not in expected range.

Recommended Action No action is required.

Error Message FCDOMAIN-6-INCORRECTDOMAIN: Requested FCIDs with domain field different from local domain

Explanation Requested FCIDs with domain field different from local domain.

Recommended Action No action is required.

Error Message FCDOMAIN-6-INVALIDARG: Requested FCID of type 00.00.YY, but specifying an entire area

Explanation Requested FCID of type 00.00.YY, but specifying an entire area.

Recommended Action No action is required.

Error Message FCDOMAIN-6-MY_SAME_WWN_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected local WWN [chars] is already in use by another switch (the two switches have different domain IDs: [dec] (local) and [dec])

Explanation It has been detected that the local switch has the same WWN [chars] of another switch, and that they have different domain IDs: [dec] (local) and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message FCDOMAIN-6-NODOMAIN: Local domain not available

Explanation The local domain is not available yet.

Recommended Action No action is required.

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Error Message FCDOMAIN-6-NOFREEFCID: No free FCIDs

Explanation No free FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-NOTOWNER: Feature [dec] cannot free FCID [dec]:[dec]:[dec] (feature [dec] is the actual owner)

Explanation Feature UUID [dec] cannot free FCID [dec]:[dec]:[dec] because it is not its owner (UUID actual owner is [dec]).

Recommended Action No action is required.

Error Message FCDOMAIN-6-OTHER_SIDE_VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with virtual IVR domain ID [dec] from across the link

Explanation It has been detected an overlap with the virtual IVR domain ID [dec] from across the link during an attempt to merge the local VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-6-PSWSSTARTED: Principal Switch Selection started

Explanation Fcdomain started a principal switch selection phase to elect a principal switch in this VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-6-RCF_STARTED: RCF started by [chars]

Explanation Reconfigure Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQSINGLEFCIDWITHINRESERVEDRANGE: Requested single FCIDs in area [dec] within the reserved range

Explanation Requested single FCIDs in area [dec] within the reserved range.

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQUESTEDFCIDNOTFREE: Requested FCIDs not free

Explanation Requested FCIDs not free.

Recommended Action No action is required.

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Error Message FCDOMAIN-6-REQUESTEDFCIDRESERVED: Requested reserved FCIDs

Explanation Requested reserved FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQUESTEDRESERVEDFCIDMISMATCH: Requested persistent FCIDs, but there is a mismatch

Explanation Requested persistent FCIDs, but there is a mismatch.

Recommended Action No action is required.

Error Message FCDOMAIN-6-SAME_WWNS_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected two switches with same WWN [chars] and different non-virtual domain IDs [dec] and [dec]

Explanation It has been detected that two switches have the same WWN [chars], but different non-virtual domain IDs: [dec] and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message FCDOMAIN-6-TIMER_UNKNOWN: fcdomain has received a notification for an unknown timer expiration

Explanation A timer unknown to fcdomain has expired.

Recommended Action No action is required.

Error Message FCDOMAIN-6-UPSTREAM_SWITCHED: Upstream interface has been fast-switched from [chars] to [chars]

Explanation Because of a link failure the upstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message FCDOMAIN-6-UUIDNOSPACEFOUND: No available space to store the identity of the requestor the FCIDs

Explanation No available space to store the identity of the requestor the FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-UUIDNOTFOUND: Universal Unique ID (UUID) not found

Explanation Universal Unique ID (UUID) not found.

Recommended Action No action is required.

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Error Message FCDOMAIN-6-VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with local virtual IVR domain ID [dec]

Explanation It has been detected an overlap with the local virtual IVR domain ID [dec] during an attempt to merge the local VSAN.

Recommended Action No action is required

FCDOMAIN-7

Error Message FCDOMAIN-7-EPORT_ALREADY_ISOLATED: Interface [chars] is already isolated or down

Explanation Fcdomain was going to isolate interface [chars], but the interface is already isolated.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FABRICCONFCOMPLETEDBF: Non disruptive reconfiguration completed

Explanation A non disruptive reconfiguration (BF phase) completed. This can happen when two or more fabrics merged, or when the user manually triggered a non disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FABRICCONFCOMPLETEDRCF: Disruptive reconfiguration completed

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has completed. This can happen when two or more fabrics merged disruptively, or when the user manually triggered a disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FC2_RETRY: Retransmission of FC2 frame on interface [chars] (Cmd Code: [hex])

Explanation Fcdomain is retrying an FC2 frame on interface [chars] due to loss/no response. The Command Code of the frame is [hex].

Recommended Action No action is required.

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Error Message FCDOMAIN-7-FCID_IN_USE_PURGING_FOR_FICON_MGR: FICON needs to purge the persistent FCID table, but at least one FCID is still in use, preventing this purge from completely remove all entries belonging to the VSAN.

Explanation There may be a problem in the sequence that shuts down all interfaces before fcdomain receives a request from FICON Manager to purge the persistent FCID table.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FSM_FAILED: FSM transition failed on interface [chars] (current state [chars])

Explanation Fcdomain state machine generated an invalid event on interface [chars], for which no proper action was defined (current state [chars].)

Recommended Action No action is required.

Error Message FCDOMAIN-7-FSM_FORBIDDEN_TRANSITION: fcdomain state machine has hit a forbidden transition

Explanation Fcdomain state machine has tried to execute a forbidden transition.

Recommended Action No action is required.

Error Message FCDOMAIN-7-INTERFACERDY: Interface [chars] ready

Explanation Interface [chars] is ready.

Recommended Action No action is required.

Error Message FCDOMAIN-7-PREACTIONTYPE_UNKNOWN: fcdomain state machine has hit an unknown pre-action type

Explanation An undefined pre-action type has been used.

Recommended Action No action is required.

Error Message FCDOMAIN-7-PSWSCOMPLETED: Principal Switch Selection completed

Explanation A Principal Switch Selection (PSwS phase) completed.

Recommended Action No action is required.

Error Message FCDOMAIN-7-RDIACC: Assigned domain ID [dec], WWN of requestor [chars] (requested domain ID [dec])

Explanation Domain ID [dec] has been received by VSAN with WWN [chars] (requested domain ID was [dec].)

Recommended Action No action is required.

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Error Message FCD-7-SB3_ABTS_EXCHANGE: sb3 aborted exchange [hex] from vsan:[dec] ch:[hex] chi:[hex] ccw:[hex] token:[hex] cmd:[hex] reason:[chars] state:[chars]:[dec]

Explanation SB3 aborted exchange due to reason given. Aborts are caused by either the channel or control unit detecting a device protocol error. Recovery actions are performed to restore communication. In certain circumstances aborts occur in normal operations.

Recommended Action No action is required if communication with CUP device is still operational.

Error Message FCD-7-SB3_UCS_PER_FILE_FN: VSAN:[dec] Unit Check for perform file function, reason: [chars]

Explanation SB3 failed perform file function. Failure is caused by error in the file main frame sent to director.

Recommended Action No action is required if communication with CUP device is still operational.

FCFWD Messages

This section contains the FCFWD messages.

FCFWD-3

Error Message FCFWD-3-ERROR: [chars]

Explanation Fcfwd encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FCFWD-4

Error Message FCFWD-4-WARNING: [chars]

Explanation Fcfwd is generating a relevant notification

No action is required.

Error Message FCFWD-6

Error Message FCFWD-6-INFO: [chars]

Explanation An fcfwd event occurred

Recommended Action No action is required.

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FCNS Messages

This section contains the FCNS messages.

FCNS-2

Error Message FCNS-2-DB_FULL: the database; max entries [dec] exceeded

Explanation Name server database is full. The max number of entries, [dec], of ports is already present in the database

Recommended Action No action is required.

Error Message FCNS-2-INIT_FAILURE: : [chars]

Explanation Fcns initialisation has failed due to [chars].

Recommended Action No action is required.

Error Message FCNS-2-NO_RESPONSE: for query [chars] from domain [dec]

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

Error Message FCNS-2-PSS_VERSION_MISMATCH: : for [chars]

Explanation Version mismatch for pss of type [chars].

Recommended Action No action is required.

Error Message FCNS-2-RELOAD_FAILURE: : [chars]

Explanation Failed to reload information from PSS: [chars].

Recommended Action No action is required.

FCNS-3

Error Message FCNS-3-BAD_FRAME: : [chars]

Explanation Received a bad frame from the network: [chars].

Recommended Action No action is required.

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Error Message FCNS-3-CFG_FAILURE: : [chars]

Explanation A failure related to fcns configuration: [chars].

Recommended Action No action is required.

Error Message FCNS-3-CHUNK_FAILURE: : [chars]

Explanation Chunk memory failure: [chars].

Recommended Action No action is required.

Error Message FCNS-3-DB_FAILURE: : [chars]

Explanation A failure occurred in fcns database: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MALLOC_FAILURE: : [chars]

Explanation Malloc failed: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MTS_FAILURE: : [chars] [chars]

Explanation Failure occurred trying to do an MTS operation: [chars] [chars].

Recommended Action No action is required.

Error Message FCNS-3-PSS_FAILURE: : [chars]

Explanation Pss failure: [chars].

Recommended Action No action is required.

FCNS-4

Error Message FCNS-4-QUERY_NO_RESPONSE: for query [chars] from domain [dec]

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

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FCNS-6

Error Message FCNS-6-DB_INFO: : [chars] [hex]

Explanation Database modification:[chars] for entry [hex].

Recommended Action No action is required.

Error Message FCNS-6-STATUS_INFO: : [chars]

Explanation A change in fcns status: [chars].

Recommended Action No action is required.

FCSP-MGR Messages

This section contains the FCSP-MGR messages.

FCSP-MGR-2

Error Message FCSP-MGR-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_UNKNOWN_FRM_REC'D_CRIT: Received an unexpected/unknown FC-2 frame on [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

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Error Message FCSP-MGR-2-FCSP_AUTHENT_FAILURE: FC-SP Authentication failure on Port [chars] (FC-SP Failure Reason: [chars] [chars])

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message FCSP-MGR-2-FCSP_ESP_MISMATCH: ESP parameters mismatch failure on Port [chars] (reason:[chars])

Explanation Fibre-Channel ESP parameters mismatch with the peer on Port [chars].(Reason: [chars]). Please check ESP configurations on both side of the link and ensure appropriate ESP mode on this port as well as peer port

Recommended Action No action is required.

Error Message FCSP-MGR-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message FCSP-MGR-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes

Explanation The system has detected an error.

Recommended Action No action is required.

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Error Message FCSP-MGR-2-POST_INIT_FAILED: Post-Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

FCS Messages

This section contains the FCS messages.

FCS-2

Error Message FCS-2-ALLOC_FAILED: Memory allocation failed for size:[dec]

Explanation Memory allocation failed for size [dec]

Recommended Action Restart the process

Error Message FCS-2-CHUNK_ALLOC_FAILED: Chunk memory allocation failed for [chars] chunk

Explanation Chunk memory allocation failed. [chars] indicates the chunk name

Recommended Action Restart the process

Error Message FCS-2-NO_RESPONSE: Retried maximum number of times for [chars] to domain [dec] in VSAN [dec]

Explanation Maximum number of retries completed for [chars] form domain [dec] in VSAN [dec].

Recommended Action No action is required.

Error Message FCS-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message FCS-2-RANDNUM_FAIL: [chars]

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action No action is required.

FCS-3

Error Message FCS-3-DB_ERR: [chars]

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-INIT_FAIL: [chars]

Explanation An error happened during FCS Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-NO_MTS_RESP: [chars]

Explanation There was no response to an MTS request. [chars] indicates details of the MTS message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-NO_REMOTE_RESP: No response for request [chars] from domain [dec] in VSAN [dec]

Explanation There was no response to an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message FCS-3-OTHER_ERR: [chars]

Explanation An FCS generic error occurred. [chars] indicates the description of the error

Recommended Action No action is required.

Error Message FCS-3-PSS_ERR: [chars]

Explanation An error occurred during an FCS PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-SOCK_ERR: sd: [dec], [chars]

Explanation An FC-2 Socket error occurred on socket-ID [dec]. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FCS-4

Error Message FCS-4-BAD_CT_FRAME: Invalid FCS frame: [chars] received from [hex]

Explanation An invalid FCS FC-CT frame with [chars] received from FC-ID [hex].

Recommended Action No action is required.

FCS-5

Error Message FCS-5-API_FAIL: [chars]: [chars]

Explanation An API called by FCS failed. [chars] indicates the API name failed and [chars] the reason for failure

Recommended Action If this message is seen during a cold boot, it means that the queried module came up after FCS and this case can be ignored

Error Message FCS-5-DB_NOTICE: [chars]

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action No action is required.

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FCS-6

Error Message FCS-6-INFORMATION: [chars]

Explanation An event happend that affects FCS. [chars] indicates the event

Recommended Action No action is required.

Error Message FCS-6-REXMIT_PKT: Retransmitting request [chars] to domain [dec] in VSAN [dec]

Explanation There was a retransmission of an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action No action is required.

FDMI Messages

This section contains the FDMI messages.

FDMI-2

Error Message FDMI-2-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation Fdmi process unsuccessfully tried to send a MTS message. MTS erro number is specified in [dec]

Recommended Action No action is required.

Error Message FDMI-2-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex] for key type [dec]

Explanation Fdmi read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

Error Message FDMI-2-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation Fdmi read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

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FDMI-3

Error Message FDMI-3-BAD_FRAME: Malformed frame received: [chars]

Explanation Fdmi process received malformed frame. [chars] describes the malformation

Recommended Action No action is required.

Error Message FDMI-3-BAD_RESPONSE: response with command code: [hex]

Explanation Fdmi process received bad payload in response

Recommended Action No action is required.

Error Message FDMI-3-INTERNAL_ERROR: Internal err: [chars]

Explanation Fdmi process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FDMI-3-MTS_API_ERROR: API, [chars] returned [hex]

Explanation Fdmi invoked API [chars], received the error code specified in 0x[hex]

Recommended Action No action is required.

Error Message FDMI-3-MTS_FORMAT_ERROR: Unknown MTS message format in opcode [dec] from module [chars]

Explanation Fdmi received message from module [chars] which contains unknown message format. MTS opcode is specified in [dec]

Recommended Action No action is required.

Error Message FDMI-3-NO_RESPONSE: No response from switch whose domain id is [dec]

Explanation Fdmi process sends a inter-switch packets to switches and has not received the response

Recommended Action No action is required.

Error Message FDMI-3-PSS_ERROR: PSS operation [chars] returned err: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the err

Recommended Action No action is required.

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Error Message FDMI-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation Fdmi process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

FDMI-4

Error Message FDMI-4-SW_REJ_RESPONSE: Reject response [chars] from switch whose domain id is [dec]

Explanation Fdmi process sends a inter-switch packets to switches and has received the reject response with reason code in [chars]

Recommended Action No action is required.

FDMI-6

Error Message FDMI-6-DEBUG_INFO: [chars]

Explanation Fdmi process debug info

Recommended Action No action is required.

FEATURE-MGR Messages

This section contains the FEATURE-MGR messages.

FEATURE-MGR-2

Error Message FEATURE-MGR-2-MODULE_FM_DONE: feature manager completed

Explanation Feature manager completed

Recommended Action No action is required.

Error Message FEATURE-MGR-2-MODULE_FM_STARTED: feature manager started

Explanation Feature manager started

Recommended Action No action is required.

FICON Messages

This section contains the FICON messages.

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FICON-2

Error Message FICON-2-E_DUPLICATE_PN_BRINGUP_FAIL: [chars]

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port with duplicate port number can be up in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN\n

Error Message FICON-2-E_PN_PA_NOT_IN_BOUND: [chars]

Explanation Port number or port address in startup-configure is out of bound.

Recommended Action Change ficon port number assign configuration and save to startup-configure.\n

Error Message FICON-2-E_SAVE_FILE: [chars]

Explanation Failed to save file. Possibly due to asymmetric pdcm matrix. Look for retval for actual reason.

Recommended Action Configure port prohibits in symmetrically.\n

Error Message FICON-2-SHUTDOWN: FICON Manager process shutting down: [chars]

Explanation FICON Manager shutting down

Recommended Action This is a severe error. Provide the reason given in the message\n

FICON-3

Error Message FICON-3-E_ASSIGN_BINDING_PN_FAIL: [chars]

Explanation Port number has fcip or port channle binding can not be removed nor changed.

Recommended Action Remove port number binding of the logical interface first.\n

Error Message FICON-3-E_ASSIGN_INVALID_PN_PARAM: [chars]

Explanation Invalid port number parameters in command.

Recommended Action Check port numbers in the command.\n

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Error Message FICON-3-E_ASSIGN_OVERLAP_PN_FAIL: [chars]

Explanation Port number assigned to physical and logical can not overlap.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-E_ASSIGN_PN_NOT_DOWN_FAIL: [chars]

Explanation Only port number assigned to a port in down state can be removed or changed.

Recommended Action Bring down the port first.\n

Error Message FICON-3-E_ASSIGN_PROHIBIT_PN_FAIL: [chars]

Explanation Logical port address can not be prohibited.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-E_DUPLICATE_PN_ASSIGN_WARNING: [chars]

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port should have the same port number in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN\n

Error Message FICON-3-E_INVALID_PA_BRINGUP_FAIL: [chars]

Explanation This port either has an invalid port address assigned or has no port address assigned.

Recommended Action Assign a valid ficon port number to the port.\n

Error Message FICON-3-E_PORT_PROHIBIT_BRINGUP_FAIL: [chars]

Explanation This port has been prohibited. Prohibiting E or TE ports is not allowed. This port can not be configured in E mode or TE mode until the prohibit mask configuration is changed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring it up as an E or TE port in a FICON VSAN\n

Error Message FICON-3-E_UNASSIGN_NO_PN_FAIL: [chars]

Explanation Only port number already assigned can be removed.

Recommended Action Check port numbers in the command.\n

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Error Message FICON-3-PDCM_CHANGE_REJ_E_PORT: [chars]

Explanation The FICON Prohibit Dynamic Connectivity Mask(PDCM) change rejected because an E or TE port is being prohibited. Prohibiting an E or TE port is not allowed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring the port up as an E or TE port in a FICON VSAN\n

FICON-5

Error Message FICON-5-STARTING: FICON Manager process starting

Explanation FICON Manager process is being started

Recommended Action No action is required.

FICON-6

Error Message FICON-6-PDCM_CHANGE: VSAN [dec] port-address [dec] prohibit mask set to [chars]

Explanation The FICON Prohibit Dynamic Connectivity Mask (PDCM) for this port has changed. VSAN [dec], port address [dec] prohibit mask (PDCM) is now set to [chars]

Recommended Action No action is required.

Error Message FICON-6-PORT_SWAP: port number [dec] [dec] swapped

Explanation FICON portnumbers swapped

Recommended Action No action is required.

Error Message FICON-6-VSAN_DISABLED: FICON disabled on VSAN [dec]

Explanation FICON has been disabled on the given VSAN

Recommended Action No action is required.

Error Message FICON-6-VSAN_ENABLED: FICON enabled on VSAN [dec]

Explanation FICON has been enabled on the given VSAN

Recommended Action No action is required.

FLOGI Messages

This section contains the FLOGI messages.

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FLOGI-1

Error Message FLOGI-1-MSG_FDISC_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FDISC rejected - this interface has reached the max num of N-Ports ([dec])

Explanation An FDISC was rejected because the F-Port has reached the maximum allowed number of devices.

Recommended Action Check the configuration of the NPIV device connected to the port.

Error Message FLOGI-1-MSG_FLOGI_REJECT_FCID_ERROR: [VSAN [dec], Interface [chars]] FLOGI rejected - FCID allocation failed.

Explanation An FLOGI was rejected because the FCID allocation failed.

Recommended Action Check the fcid-interop configuration, purge the persistency table and check the output of show flogi database details and see if any of the A area FCID allocation entries can be turned to single fcid allocation as per Configuration Guide

Error Message FLOGI-1-MSG_FLOGI_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FLOGI rejected - this interface has reached the max num of NL-Ports ([dec])

Explanation An FLOGI was rejected because the FL-Port has reached the maximum allowed number of devices.

Recommended Action Reduce the number of devices on the loop

Error Message FLOGI-1-MSG_NPIV_NOT_SUPPORTED_WITH_TRUNKING: [VSAN [dec], Interface [chars]] NPIV not supported - on this platform, NPIV is not supported on trunking interfaces

Explanation The N_Port requested NPIV, but this platform does not support NPIV on trunking F_Ports.

Recommended Action Disable NPIV, or move the N_Port to a switch that supports NPIV on trunking F_Ports

FLOGI-2

Error Message FLOGI-2-MSG_FLOGI_REJECT_NO_ACL_TCAM_AVAILABLE: [VSAN [dec], Interface [chars]] FLOGI rejected - ACLTCAM resource exhausted

Explanation An FLOGI was rejected because the ACLTCAM hardware resource is completely used.

Recommended Action Reduce the number of nodes.

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FLOGI-4

Error Message FLOGI-4-MSG_VF_FLOGI_FROM_NON_CISCO_OUI: [VSAN [dec], Interface [chars]] FLOGI with VF bit set from OUI [hex]:[hex]:[hex] (nwwn: [chars])

Explanation This interface received an FLOGI with VF bit set from a non CISCO OUI; in this release Virtual Fabrics are not supported on interfaces connected to third-party devices

Recommended Action Set the trunk mode of this interface to off

FLOGI-5

Error Message FLOGI-5-MSG_FLOGI_DROP_DUE_TO_SUSPENDED_VSAN: [VSAN [dec], Interface [chars]] FLOGI (pwnn: [chars]) has been dropped because the VSAN is suspended on this trunking interface

Explanation The switch received an FLOGI from a trunking interface on a VSAN which has been suspended; the FLOGI frame has been dropped.

Recommended Action To bring up the VSAN again on the trunking port, remove it from the allowed VSAN list and add it again

Error Message FLOGI-5-MSG_IF_REINIT_ALPA_CONFLICT: [VSAN [dec], Interface [chars]] FL/TL interface [chars] re-initialized as ALPA - PWWN map conflict occurred.

Explanation The FL/TL interface is re-initialized as ALPA used by device conflicts with an existing FLOGI session after the Loop Initialization Protocol (LIP). All the devices will re-login with new ALPA and PWWN mapping

Recommended Action No action is required.

Error Message FLOGI-5-MSG_PORT_LOGGED_IN: [VSAN [dec], Interface [chars]] Nx Port [chars] with FCID [chars] logged IN.

Explanation Nx port logged in with the specified information.

Recommended Action No action is required.

Error Message FLOGI-5-MSG_PORT_LOGGED_OUT: [VSAN [dec], Interface [chars]] Nx Port [chars] logged OUT.

Explanation Nx port logged out. The following commands will help determine why this Nx port logged out: 'show interface, show VSAN, show module'

Recommended Action No action is required.

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FS-DAEMON Messages

This section contains the FS-DAEMON messages.

FS-DAEMON-2

Error Message FS-DAEMON-2-FSD_ENOSPC_BOOTFLASH: Due to insufficient space, [chars] image could not be copied to standby bootflash. [chars] image is not present on standby. Please copy \[chars]\'manually.'

Explanation Move system images from RAM to bootflash to free up some memory

Recommended Action Please remove some unnecessary files on bootflash using \delete\'CLI command and copy images from active supervisor or from remote location'

FS-DAEMON-6

Error Message FS-DAEMON-6-FSD_ENOSPC_LOGFLASH: System logflash usage has reached [dec]%. You may delete some old files on logflash to free up space

Explanation System logflash space is almost full

Recommended Action Use 'clear core archived' or 'delete' CLI to free up space on logflash

Error Message FS-DAEMON-6-FSD_ENOSPC_ROOT: System root usage has reached [dec]%. You may delete some old files from root or /var/log to free up space

Explanation System root space is almost full

Recommended Action Use 'clear core archived' or 'delete' CLI to free up space on root dir or /var/log

Error Message FS-DAEMON-6-FSD_ENOSPC_TMP: System temporary directory usage has reached [dec]%.

Explanation System /tmp space usage.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FSCM Messages

This section contains the FSCM messages.

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FSCM-2

Error Message FSCM-2-FABRIC_START_CFG_MGR_PROGRAM_EXIT: Fabric Start Cfg Mgr daemon exiting: [chars]

Explanation FABRIC_START_CFG_MGR daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FSPF Messages

This section contains the FSPF messages.

FSPF-2

Error Message FSPF-2-SHUTDOWN: Routing daemon shutting down : [chars]

Explanation FSPF routing daemon is shutting down because of [chars] reason.

Recommended Action This is a severe bug. Provide the reason provided and the log files for FSPF.

FSPF-3

Error Message FSPF-3-BAD_FC2_PKT: Received bad FC2 packet on interface [chars] : [chars]

Explanation FSPF received a bad FC2 packet on [chars] interface , error description is [chars].

Recommended Action FSPF daemon has received a bad FC frame. Provide the output of 'debug fc2 pkt '.

Error Message FSPF-3-CHECKSUM_FAIL: Checksum test failed for LSR domain [dec]

Explanation Periodic database checksum test failed for LSR for domain [dec]

Recommended Action This indicates that the internal database got corrupted because of some memory corruption bug. Provide output of 'show fspf database '. May need to power cycle the switch

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Error Message FSPF-3-FC2_PROC_ERR: Error in processing [chars] packet on interface [chars], Error = [chars]

Explanation An error occurred in processing a [chars] FC2 packet on [chars] interface. The internal error code is [chars].

Recommended Action Turn on 'debug fspf error' to get more information. Make sure there is no misconfiguration of FSPF parameters on the two ends of the interface. Provide output of 'show fspf vsan x' 'show fspf vsan x interface' and 'debug fspf fc pkt ' for the specific interface

Error Message FSPF-3-FLOOD_ERR: Error in flooding the local LSR , Error = [chars]

Explanation FSPF had an error in flooding the local LSR , error description is [chars].

Recommended Action Provide output of 'debug fspf flood' , 'debug fspf error'. If error is reported in transmitting packet check if interface is up and turn on 'debug fc2 error'

Error Message FSPF-3-HELLO_MISMATCH: Mismatch in [chars] in the Hello packet on interface [chars]

Explanation There is a mismatch in the [chars] entry in the hello packet received on interface [chars]. The packet will be dropped.

Recommended Action Check the configuration of hello or dead interval on the switches on the two ends of the interface to see if there is a mismatch.

Error Message FSPF-3-INTF_TIMER_ERR: Error in processing interface timer event [chars] for interface [chars] , error = [chars]

Explanation FSPF had an error in processing timer event for interface chars, error is [chars].

Recommended Action Provide output of 'debug fspf error'

Error Message FSPF-3-IPC_PROC_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation FSPF had an error in processing message of [dec] opcode , the internal error code is [dec].

Recommended Action Possibly some wrong IPC message is received by FSPF . Provide output of 'debug fspf mts pkt' and 'debug fspf error ' trace.

Error Message FSPF-3-LOCK_FAIL: FSPF failure in gaining lock

Explanation There is a software failure in gaining lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

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Error Message FSPF-3-MTS_MSG_BEFORE_GSYNC: FSPF in standby received MTS message opcode = [hex] before GSYNC

Explanation FSPF in standby received an MTS message of opcode [dec] before receiving the GSYNC message.

Recommended Action Provide output of 'debug fspf mts pkt '

Error Message FSPF-3-RIB_ERR: Error in RIB : [chars]

Explanation FSPF had an error in interacting with RIB, error description is [chars].

Recommended Action Check if rib application is running using 'show processes'. Provide output of 'debug fspf route' and RIB debug traces.

Error Message FSPF-3-ROUTE_COMPUTE_ERR: Error in computing or sending routes : Error = [chars]

Explanation FSPF had an error in computing routes , error description is [chars].

Recommended Action Provide the error code and output of 'debug fspf error' and 'debug fspf route' if problem is reproducible

Error Message FSPF-3-UNLOCK_FAIL: FSPF failure in releasing lock

Explanation There is a software failure in releasing lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

Error Message FSPF-3-VSAN_TIMER_ERR: Error in processing VSAN timer event [chars], error description = [chars]

Explanation FSPF had an internal error in processing timer event , error description is [chars].

Recommended Action Provide output of 'debug fspf error'

FSPF-4

Error Message FSPF-4-FC2_DOWN_INTF: Received FC2 packet on DOWN interface [chars]

Explanation FSPF received a FC2 packet on inactive interface [chars] .

Recommended Action This message may be printed for the first FSPF packet when an interface is brought up. If the message is seen continuously check if FSPF is disabled on one end for the interface or the VSAN. Otherwise check 'show interface ' output to see if interface is physically up only on one side. Also check if there is any error message printed for IPC_PROC_ERR

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Error Message FSPF-4-FC2_DOWN_VSAN: Received FC2 packet on inactive vsan

Explanation FSPF received a FC2 packet on inactive vsan.

Recommended Action If message seen continuously check if FSPF is disabled on the VSAN Investigate if VSAN is active and valid domain has been assigned on the switch Also check if IPC_PROC_ERR message is printed in the syslog

Error Message FSPF-4-ILLEGAL_FSM_EVENT: Illegal FSM event for state [chars] in interface [chars]

Explanation An illegal protocol event has occurred for the FSPF state machine. The old state was [chars] for the interface [chars].

Recommended Action It is possible to get this message if some protocol packet gets dropped but the it should recover and move back to FULL state. Do 'show fspf interface' to check the state of the interface. If it is stuck in state other than FULL provide output of 'debug fspf event' and 'debug fspf fc pkt ' for the interfaces involved.

Error Message FSPF-4-LSR_DROPPED: [chars], Dropping LSR [dec] received on interface [chars]

Explanation A LSR packet is dropped due to [chars] reason. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action Provide the reason given for dropping the LSR and output of 'debug fspf fc pkt' If the reason is checksum failure investigate possible packet corruption or truncation

Error Message FSPF-4-LSR_MIN_LS_ARRIVAL: Packet arrived before MIN_LS_ARRIVAL, Dropping LSR [dec] on interface [chars]

Explanation A LSR packet is dropped as it arrived before MIN_LS_ARRIVAL. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action This can occur in transient situation and protocol recovers by retransmitting the LSR. If the message is seen continuously provide output of 'debug fspf flood ', 'debug fspf retrans' and 'debug fspf error '. The message may be seen more often when interoperating with other vendors

Error Message FSPF-4-LSU_RX_INIT: Dropping LSU received in state INIT on interface [chars]

Explanation A LSU packet is dropped as interface [char] is in INIT state when it received the LSU.

Recommended Action This can occur in some transient situation. If the problem persists provide output of 'show fspf vsan x interface' and 'debug fspf fc pkt ' and 'debug fspf event vsan x'

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FSPF-5

Error Message FSPF-5-STARTING: Routing daemon started

Explanation FSPF routing daemon has been started.

Recommended Action No action is required.

FSPF-6

Error Message FSPF-6-ADD_LSR: New LSR added for domain [dec]

Explanation A new LSR is added to the database for domain [dec].

Recommended Action No action is required.

Error Message FSPF-6-DELETE_LSR: LSR deleted for domain [dec]

Explanation The LSR for domain [dec] is deleted from the database.

Recommended Action No action is required.

Error Message FSPF-6-INTF_OPER_DOWN: Down on interface [chars]

Explanation FSPF has become operationally down on interface [chars].

Recommended Action No action is required.

Error Message FSPF-6-INTF_OPER_UP: Up on interface [chars]

Explanation FSPF has become operational on interface [chars].

Recommended Action No action is required.

Error Message FSPF-6-MAX_AGE: LSR [dec] reached Maxage

Explanation The LSR for domain [dec] reached the maximum age and will be deleted from all the connected switches.

Recommended Action No action is required.

Error Message FSPF-6-ROLLOVER: Rolling over the incarnation number of Local LSR

Explanation The incarnation number of local LSR reached the maximum value and is rolling over.

Recommended Action No action is required.

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Error Message FSPF-6-SELF_ORIGINATED: Received local LSR with higher incarnation number

Explanation A LSR for the local domain was received with incarnation number higher than the one in database. This situation should only occur initially on a topology change. If this situation persists the domain assignment of switches may not be unique

Recommended Action If this message is received continuously check if domain assignment is unique in the fabric.

Error Message FSPF-6-STATE_CREATED: Internal state created [chars]

Explanation FSPF has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message FSPF-6-VSAN_OPER_DOWN: Down on vsan

Explanation FSPF has become operationally down on VSAN.

Recommended Action No action is required.

Error Message FSPF-6-VSAN_OPER_UP: Up with local domain [dec]

Explanation FSPF has started with local domain [dec].

Recommended Action No action is required.

FSPF-7

Error Message FSPF-7-ROUTE_THREAD_STARTED: Thread number [dec] started

Explanation Route computation thread number [dec] has been started for FSPF.

Recommended Action No action is required.

FWM Messages

This section contains the FWM messages.

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FWM-0

Error Message FWM-0-FCFIB_EMERG: [chars]

Explanation Fcfib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FWM-1

Error Message FWM-1-FCFIB_ALERT: [chars]

Explanation Fcfib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-1-FCFIB_HW_NO_VSAN_DOM: No hardware [chars] resources for route creation to VSAN [dec] Domain [dec]

Explanation Hardware does not have sufficient resources to create this route.

Recommended Action Please delete unused VSANs or assign common Domain numbers to existing VSANs.

Error Message FWM-1-FCFIB_HW_NO_VSAN: No hardware [chars] resources for route creation to VSAN [dec]

Explanation Hardware does not have sufficient resources to create this route.

Recommended Action Please delete unused VSANs.

Error Message FWM-1-FCFIB_HW_PC_LIMIT: Failed to create [chars], hardware limit of [dec] would be exceeded

Explanation The number of hardware SAN Port Channels is limited by the platform.

Recommended Action Please configure fewer SAN Port Channels.

Error Message FWM-1-FCFIB_LICENSE_UNAVAILABLE: License: [chars] is not installed. System will not provide FC switching.

Explanation Fibre Channel license is unavailable. System will not provide FC switching.

Recommended Action Please install the license file to continue using the feature.

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FWM-2

Error Message FWM-2-FCFIB_CRIT: [chars]

Explanation Fcfib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-2-FWM_ASSERT_FAILURE: stack [[chars]]

Explanation Critical assertion failed in forwarding manager

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-2-FWM_CONFIG_ERROR: Wrong configuration. Ignoring configuration.

Explanation Configuration specified by the user is wrong. Configuration will be ignored.

Recommended Action No action is required.

Error Message FWM-2-FWM_OIFL_MCAST_IDX_LIMIT_REACHED: [chars]

Explanation The number of of multicast indices in the system have been exhausted. Cannot learn any more new multicast groups or create new vlans.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-2-STM_LEARNING_RE_ENABLE: Re enabling dynamic learning on all interfaces

Explanation Re enabling learning on all interfaces after disable period expired

Recommended Action No action is required.

Error Message FWM-2-STM_LIMIT_REACHED: [chars]

Explanation System station table reached its capacity - no further MAC addresses could be programmed - administration intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message FWM-2-STM_LOOP_DETECT: [chars]

Explanation System detected loops in the network - administration intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-2-STM_MCAST_PROG_RE_ENABLE: Re enabling programming multicast entries

Explanation Re enabling programming new multicast entries because number of entries reached below threshold

Recommended Action No action is required.

Error Message FWM-2-STM_RAPID_MOVES: [chars]

Explanation System detected rapid mac moves in the network - administrator intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FWM-3

Error Message FWM-3-FCFIB_ERR: [chars]

Explanation Fcfib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FWM-3-FCFIB_NO_MEM: Out of memory

Explanation Fcfib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FWM-4

Error Message FWM-4-FCFIB_CPU_HOG: Inactive or busy

Explanation Either fcfib was not scheduled to run, or fcfib was busy, and fcfib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debug fwm error', then recreate the operation scenario, to find out more details.

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Error Message FWM-4-FWM_DUPLICATE_UNICAST_MAC_REGISTRATION: Unicast MAC address [chars] vlan [dec] registered on interface [chars] before deregistering on interface [chars]

Explanation Duplicat unicast MAC registration observed

Recommended Action No action is required.

Error Message FWM-4-STM_LEARNING_OVERLOAD: [chars]

Explanation System getting overloaded due to learning processes

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FWM-6

Error Message FWM-6-MAC_MOVE_NOTIFICATION: Host [chars] in vlan [dec] is flapping between port [chars] and port [chars]

Explanation Notification of a MAC address moving as per configuration

Recommended Action No action is required.

Error Message FWM-6-STM_THRESHOLD_NOTIFICATION: Station table reached [dec]% of the total capacity (total entries [dec])

Explanation Station table capacity utilization message as per configured threshold values

Recommended Action No action is required.

GLBP Messages

This section contains the GLBP messages.

GLBP-2

Error Message GLBP-2-GLBP_URIB_INIT_ERROR: [chars]

Explanation Unicast routing initialization failed and the GLBP process terminated

Recommended Action Please check syslog messages for URIB failures and rectify the problem

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GLBP-3

Error Message GLBP-3-GLBP_ARP_ADD_FAILED: failed to add [chars]/[chars] in arp table

Explanation The system was unable to add the GLBP vIP into the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message GLBP-3-GLBP_ARP_DEL_FAILED: failed to delete [chars]/[chars] in arp table

Explanation The system was unable to delete the GLBP vIP from the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message GLBP-3-GLBP_FEATURE_MANAGER_ERROR: [chars]: [chars]

Explanation There was a problem in GLBP interaction with feature manager.

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message GLBP-3-GLBP_IP_JOIN_GROUP_FAILED: [chars]: failed to join glbp multicast address group

Explanation The system was unable to perform a join to start receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message GLBP-3-GLBP_IP_LEAVE_GROUP_FAILED: [chars]: failed to leave glbp multicast address group

Explanation The system was unable to perform a leave to stop receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message GLBP-3-GLBP_MAC_ADD_FAILED: fwd [dec] failed to add [chars] in mac table (error [hex])

Explanation The system was unable to add the GLBP mac address into the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

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Error Message GLBP-3-GLBP_MAC_DEL_FAILED: fwd [dec] failed to delete [chars] in mac table (error [hex])

Explanation The system was unable to delete the GLBP mac address from the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

Error Message GLBP-3-GLBP_ROUTE_ADD_FAILED: failed to add [chars] in routing table

Explanation The system was unable to add the GLBP vIP address into the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

Error Message GLBP-3-GLBP_ROUTE_DEL_FAILED: failed to delete [chars] in routing table

Explanation The system was unable to delete the GLBP vIP address from the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

GLBP-4

Error Message GLBP-4-BADAUTH: Bad authentication received from [chars]

Explanation Two routers participating in a Gateway Load Balancing Protocol group have a valid authentication string that does not match.

Recommended Action Use the glbp authentication interface command to repair the Gateway Load Balancing Protocol authentication discrepancy between the local system and the one whose IP address is reported

Error Message GLBP-4-BADVIP1: address [chars] is in the wrong subnet for this interface

Explanation The Gateway Load Balancing Protocol virtual IP address is not within the subnet configured on this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be within the subnet configured on this interface.

Error Message GLBP-4-BADVIP2: address [chars] in the wrong subnet for this interface is not learned

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is not within the subnet configured on this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

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Error Message GLBP-4-BADVIP3: address [chars] is the broadcast address for this interface

Explanation The Gateway Load Balancing Protocol virtual IP address is a broadcast address for this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be a non broadcast address.

Error Message GLBP-4-DIFFVIP1: active router virtual IP address [chars] is different from the locally configured virtual IP address [chars]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message GLBP-4-DUPADDR: Duplicate address on [chars]

Explanation The IP address in a Gateway Load Balancing Protocol message received on the interface is the same as the IP address of its own router. This condition may be caused by a misconfiguration or because of a malfunctioning switch.

Recommended Action Check the configurations on all the Gateway Load Balancing Protocol routers, and ensure that any switches are functioning properly

Error Message GLBP-4-DUPVIP1: address [chars] already assigned to interface [chars] grp [dec]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to a different Gateway Load Balancing Protocol group.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message GLBP-4-DUPVIP2: address [chars] already assigned to this interface

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message GLBP-4-DUPVIP3: address [chars] already assigned to another interface [chars]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

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Error Message GLBP-4-GLBP_ARP_RESP_FAILED: failed to send arp response
[chars]/[chars]

Explanation The system was unable to send the arp response for vIP

Recommended Action Please check syslog messages for ARP failures and rectify the problem

GLBP-5

Error Message GLBP-5-ACTIVE_CHANGE: Active gateway is [chars]

Explanation The Gateway Load Balancing Protocol has changed active gateway.

Recommended Action No action is required

Error Message GLBP-5-FWDSTATECHANGE: fwd [dec] state changed from [chars] to
[chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed state.

Recommended Action No action is required

Error Message GLBP-5-FWD_CREATE: fwd [dec] created

Explanation The Gateway Load Balancing Protocol forwarder has been created.

Recommended Action No action is required

Error Message GLBP-5-FWD_DELETE: fwd [dec] deleted

Explanation The Gateway Load Balancing Protocol forwarder has been removed.

Recommended Action No action is required

Error Message GLBP-5-FWD_OWNER: fwd [dec] owner mac is [chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed the owner MAC address.

Recommended Action No action is required

Error Message GLBP-5-FWD_VMAC: fwd [dec] virtual mac is [chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed the virtual MAC address.

Recommended Action No action is required

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Error Message GLBP-5-FWD_WEIGHTING: fwd [dec] weighting is [dec]

Explanation The Gateway Load Balancing Protocol forwarder has changed the weighting.

Recommended Action No action is required

Error Message GLBP-5-GRPSTATECHANGE: state changed from [chars] to [chars]

Explanation The Gateway Load Balancing Protocol gateway has changed state.

Recommended Action No action is required

Error Message GLBP-5-MEMBER_ADD: member [chars] [chars] added

Explanation The Gateway Load Balancing Protocol gateway has added a member.

Recommended Action No action is required

Error Message GLBP-5-MEMBER_REMOVE: member [chars] [chars] removed

Explanation The Gateway Load Balancing Protocol gateway has removed a member.

Recommended Action No action is required

Error Message GLBP-5-PRIORITY: [chars] gateway priority changed to [dec]

Explanation The Gateway Load Balancing Protocol gateway has changed priority.

Recommended Action No action is required

Error Message GLBP-5-STANDBY_CHANGE: Standby gateway is [chars]

Explanation The Gateway Load Balancing Protocol has changed standby gateway.

Recommended Action No action is required

Error Message GLBP-5-TIMER: [chars] timer changed to [chars]

Explanation The Gateway Load Balancing Protocol gateway has learnt timers.

Recommended Action No action is required

Error Message GLBP-5-VIPLEARN: learnt virtual ip address [chars]

Explanation The Gateway Load Balancing Protocol gateway has learnt virtual IP address.

Recommended Action No action is required

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Error Message GLBP-5-VIPUNLEARN: unlearned virtual ip address [chars]

Explanation The Gateway Load Balancing Protocol gateway has unlearned virtual IP address.

Recommended Action No action is required

Error Message GLBP-5-WEIGHTING: weighting changed to [dec]

Explanation The Gateway Load Balancing Protocol gateway has changed the weighting.

Recommended Action No action is required

HSRP_ENGINE Messages

This section contains the HSRP_ENGINE messages.

HSRP_ENGINE-3

Error Message HSRP_ENGINE-3-NOSOCKET: Unable to open socket

Explanation The system was unable to initialize an IP connection for the Hot Standby protocol.

Recommended Action Make sure that there is at least one interface configured to run IP.

HSRP_ENGINE-4

Error Message HSRP_ENGINE-4-BADAUTH2: Bad authentication from [chars]

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

Error Message HSRP_ENGINE-4-BADAUTH: Bad authentication from [chars], group [dec], remote state [chars]

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

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Error Message HSRP_ENGINE-4-DIFFVIP1: [chars] Grp [dec] active routers virtual IP address [chars] is different to the locally configured address [chars]

Explanation The HSRP virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPADDR: Duplicate address %i on [chars], sourced by %e

Explanation The IP address in an HSRP message received on the interface is the same as the router's own IP address. This may be because of misconfiguration, or because of a malfunctioning switch

Recommended Action Check the configurations on all the HSRP routers, and make sure that any switches you have are functioning properly.

Error Message HSRP_ENGINE-4-DUPVIP1: [chars] Grp [dec] address [chars] is already assigned to a HSRP group on this interface

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to a different HSRP group.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPVIP2: [chars] Grp [dec] address [chars] is already assigned on this interface

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to this interface.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPVIP3: [chars] Grp [dec] address [chars] is already assigned to, or overlaps with, an address on another interface or application

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all HSRP routers.

HSRP_ENGINE-6

Error Message HSRP_ENGINE-6-ACTIVEROUTERPRIORITY: Interface [chars] [chars] Grp [dec] Active router priority changed to [dec]

Explanation The priority of the Active router for the group has changed.

Recommended Action No action is required.

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Error Message HSRP_ENGINE-6-ACTIVE_CHANGE: Interface [chars] [chars] Grp [dec]
Active router is [chars]

Explanation The Active router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-GRPSTATECHANGE: Interface [chars] [chars] Grp [dec]
state changed from [chars] to [chars] reason [chars]

Explanation The HSRP router has changed state

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-MACADDRESS_CHANGE: Interface [chars] [chars] Grp [dec]
mac-address changed to [chars]

Explanation The mac address of the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-PRIORITY: Interface [chars] [chars] Grp [dec] priority
changed to [dec]

Explanation The current priority of the HSRP group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-STANDBYROUTERPRIORITYCHANGE: Interface [chars] [chars]
Grp [dec] Standby router priority changed to [dec]

Explanation The priority of the Standby router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-STANDBY_CHANGE: Interface [chars] [chars] Grp [dec]
Standby router is [chars]

Explanation The Standby router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-STATECHANGE2: [chars] Grp [dec] state moving from
[chars]

Explanation The router has changed state

Recommended Action No action is required.

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Error Message HSRP_ENGINE-6-STATECHANGE: [chars] Grp [dec] state move to [chars]

Explanation The router has changed state

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-TIMER: Interface [chars] [chars] Grp [dec] [chars] timer changed to [dec] [chars]

Explanation The hello/hold timer value for the HSRP group has changed

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-VIPLEARN: Interface [chars] [chars] Grp [dec] learnt virtual ip address [chars]

Explanation The local router has learnt virtual ip address from the incoming HSRP packet.

Recommended Action No action is required.

IKE Messages

This section contains the IKE messages.

IKE-3

Error Message IKE-3-CRYPTO_INIT_ERROR: IKEv2 crypto init error: [chars]

Explanation Crypto initialization error

Recommended Action No action is required.

Error Message IKE-3-ENABLE_ERROR: Unable to store enable flag in configuration (error-id [hex]).

Explanation Service failed to store the enable flag in configuration. As a result, it will exit

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IKE-3-FIPS_MODE_ERROR: Could not set FIPS mode

Explanation The FIPS mode could not be set by IKE

Recommended Action No action is required.

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Error Message IKE-3-IKE_PROGRAM_EXIT: [chars]

Explanation IKE process did an abnormal exit

Recommended Action No action is required.

Error Message IKE-3-MAX_HALF_CONN_LIMIT_REACHED: IKEv1 : Exceeded the limit for number of half open Phase 1 connections

Explanation The number of half open connections has exceeded the maximum limit

Recommended Action No action is required.

Error Message IKE-3-PHASE1_NEGOTIATION_FAILED: IKEv1: Phase 1 negotiation failed for peer [chars]

Explanation IKE policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message IKE-3-PHASE1_PROPOSAL_MISMATCH: IKEv1: No matching phase 1 proposal found for peer [chars]

Explanation There is a IKE policy mismatch for the peer.

Recommended Action No action is required.

Error Message IKE-3-PHASE2_NEGOTIATION_FAILED: IKEv1: Phase 2 negotiation failed for peer [chars]

Explanation IPsec policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message IKE-3-PHASE2_PROPOSAL_MISMATCH: IKEv1: No matching phase 2 proposal found for peer [chars]

Explanation There is a IPsec policy mismatch for the peer.

Recommended Action No action is required.

Error Message IKE-3-UNSUPPORTED_EXCHANGE: IKEv1: Unsupported exchange [dec] received from [chars]

Explanation A unsupported IKE exchange type [digits] was received from [chars]

Recommended Action No action is required.

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IKE-4

Error Message IKE-4-INVALID_PAYLOAD_APPEAR: IKEv2 received message (from [chars]) with payload ([chars]) appeared in [chars] ([chars])

Explanation Received a payload in an inappropriate exchange

Recommended Action No action is required.

Error Message IKE-4-MESSAGE_ERROR: IKEv2 message (from [chars]) message error: [chars]

Explanation Received a malformed message which doesn't adhere to the protocol

Recommended Action No action is required.

Error Message IKE-4-PARSING_ERROR: IKEv2 message (from [chars]) parsing error: [chars]

Explanation Received a malformed message which can not be parsed appropriately

Recommended Action No action is required.

Error Message IKE-4-UNKNOWN_PAYLOAD: IKEv2 received message (from [chars]) with un-recognized payload ([chars])

Explanation Received an invalid payload

Recommended Action No action is required.

Error Message IKE-4-UNSUPPORT: [chars] is not supported (message from [chars])

Explanation Received something unsupported

Recommended Action No action is required.

IKE-6

Error Message IKE-6-POLL_START_DONE: IKE is exiting since it is not enabled

Explanation IKE is exiting since it is not enabled in the configuration

Recommended Action No action is required.

ILC-SPAN Messages

This section contains the ILC-SPAN messages.

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ILC-SPAN-3

Error Message ILC-SPAN-3-ERROR: [chars]

Explanation Ilc_span_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ILC_HELPER Messages

This section contains the ILC-HELPER messages.

ILC_HELPER-2

Error Message ILC_HELPER-2-NO_LICENSE_REBOOT: Linecard [dec] will reboot now.

Explanation SSE License has expired, hence the linecard will be rebooted.

Recommended Action Install appropriate SSE license to be able to use SSM features normally

ILC_HELPER-3

Error Message ILC_HELPER-3-INVALID_SSI: [chars]

Explanation The ssi boot variable is configured to an invalid image. So, the linecard will be bought online in basic mode instead of advanced SSI mode

Recommended Action Configure a proper image for the ssi boot variable

ILC_HELPER-6

Error Message ILC_HELPER-6-LICENSE_VALID: A valid license for linecard [dec] has been obtained

Explanation A valid license has been obtained for the SSM

Recommended Action No action is required.

Error Message ILC_HELPER-6-UPGRADE_DELAY: The SSI upgrade on slot [dec] is delayed by [dec] secs.

Explanation The SSI upgrade is delayed due to the configured ssm upgrade delay command

Recommended Action No action is required.

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IMAGE_DNLD Messages

This section contains the IMAGE_DNLD messages.

IMAGE_DNLD-SLOT#-2

Error Message IMAGE_DNLD-SLOT#-2-ADDON_IMG_DNLD_FAILED: Module image download process failed. [chars]

Explanation Addon image download to module failed. This module is not operational until an addon image has been successfully installed.

Recommended Action Verify the location and version of your module image. Use the install module cli command to download a new module image.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_COMPLETE: Module image download process. [chars]

Explanation Image download completed. Module image is being installed.

Recommended Action No action is required.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_FAILED: Module image download process. [chars]

Explanation Image download failed. Module may be inoperable.

Recommended Action Use show module cli command to verify the state of this module. Retry image download with install module cli command.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_FILE_SYSTEM_CHECK_ERROR: File System check failed: [chars]

Explanation File system consistency check failed

Recommended Action File-system repair is needed using fsck

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_STARTED: Module image download process. [chars]

Explanation Image download started. Module image downloads are non-disruptive to module operation.

Recommended Action No action is required.

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IMAGE_DNLD-SLOT#-4

Error Message IMAGE_DNLD-SLOT#-4-IMG_DNLD_FILE_SYSTEM_RECREATION: [chars].
Partition was erased and successfully recreated.

Explanation File system checking and recreation if necessary for \images\.

Recommended Action No action is required.

IMAGE_DNLD-SLOT#-5

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_COMPLETE: Addon module image download process completed. [chars]

Explanation Addon image download to module has completed. The module should now be installing this new image.

Recommended Action This message is informational only.

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_STARTED: Addon module image download process started. [chars]

Explanation Addon image download to module has started. This is a disruptive download and this module will be inoperable until this download process is complete.

Recommended Action This message is informational only.

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_SUCCESSFUL: Addon module image download and install process successful. [chars]

Explanation Addon image download and install to module is successful.

Recommended Action Use the show module cli command to verify the module's operational status.

IMAGE_UPGRADE Messages

This section contains the IMAGE_UPGRADE messages.

IMAGE_UPGRADE-SLOT#-2

Error Message IMAGE_UPGRADE-SLOT#-2-IMAGE_UPGRADE_ERROR: [chars]

Explanation Image Upgrade Error

Recommended Action No action is required.

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IMAGE_UPGRADE-SLOT#-4

Error Message IMAGE_UPGRADE-SLOT#-4-IMAGE_UPGRADE_INFO: [chars]

Explanation Image Upgrade Info

Recommended Action No action is required.

IM Messages

This section contains the IM messages.

IM-3

Error Message IM-3-IM_LC_OFFLINE_ERROR: LC Offline could not be sent to vdc:[dec]

Explanation LC Offline was not relayed to some vdc, so applications may not behave correctly.

Recommended Action No action is required.

Error Message IM-3-IM_RESP_ERROR: Component [chars] opcode:[chars] in vdc:[dec] returned error:[chars]

Explanation Some component returned an error.

Recommended Action No action is required.

Error Message IM-3-IM_SEQ_ERROR: Error ([chars]) while communicating with component [chars] opcode:[chars] (for:[chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action No action is required.

IM-5

Error Message IM-5-IM_DEMUX_ERROR: [chars]

Explanation Demux function returned error

Recommended Action No action is required.

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Error Message IM-5-IM_INTERNAL_ERROR: [chars]

Explanation Internal error occurred

Recommended Action No action is required.

Error Message IM-5-IM_INTF_STATE: [chars] [chars] in vdc [dec]

Explanation Management interface state changed.

Recommended Action No action is required.

Error Message IM-5-IM_UNKNOWN_INTERFACE: [chars]

Explanation Interface is not supported or not found

Recommended Action No action is required.

INTERFACE_VLAN Messages

This section contains the INTERFACE_VLAN messages.

INTERFACE_VLAN-5

Error Message INTERFACE_VLAN-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively Down)

Explanation Interface has been configured to be administratively down

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-IF_DOWN_ERROR_DISABLED: Interface [chars] is down. Reason [dec]

Explanation The interface encountered an error while configuring it

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation Interface VLAN has been suspended or deleted

Recommended Action No action is required.

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Error Message INTERFACE_VLAN-5-SVI_DISABLED: SVI Disabled

Explanation SVI Service Disabled

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_ENABLED: SVI Enabled

Explanation SVI Service Enabled

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_GET_MAC_FAILED: Failed to acquire MAC address for SVI [hex]

Explanation SVI failed to acquire MAC address

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_INIT: SVI initialization failed with error [hex]

Explanation SVI initialization error

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_MTS_SEND_FAILURE: MTS send failure for opcode [dec], error [hex]

Explanation SVI encountered an error in with MTS message

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_MTS_TIME_OUT: MTS send timed out

Explanation SVI did not receive response for mts message

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_RSRVD_VLAN_FAILED: Failed to get list of reserved vlans [hex]

Explanation SVI failed to get the list reserved vlans

Recommended Action No action is required.

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Error Message INTERFACE_VLAN-5-SVI_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

Explanation SDB updated failed for SVI

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_SEC_VLAN_FAILED: Failed to get list of secondary vlans [hex]

Explanation SVI failed to get the list of secondary vlans

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-UPDOWN: Line Protocol on Interface [chars], changed state to [chars]

Explanation Line protocol status changed for an interface

Recommended Action No action is required.

IOA_LC Messages

This section contains the IOA_LC messages.

IOA_LC-5

Error Message IOA_LC-5-IOA_DISABLED: IOA Disabled

Explanation IOA Service Disabled

Recommended Action No action is required.

Error Message IOA_LC-5-IOA_ENABLED: IOA Enabled

Explanation IOA Service nabled

Recommended Action No action is required.

IPACL Messages

This section contains the IPACL messages.

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IPACL-0

Error Message IPACL-0-EMERG: [chars]

Explanation Ipacl caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-1

Error Message IPACL-1-ALERT: [chars]

Explanation Ipacl caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-2

Error Message IPACL-2-CRIT: [chars]

Explanation Ipacl encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPACL-3-ERR: [chars]

Explanation Ipacl encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-4

Error Message IPACL-4-WARN: [chars]

Explanation Ipacl ignored the unexpected condition

Recommended Action Please perform 'debug ipacl all', then recreate the operation scenario, to find out more details.

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IPACL-5

Error Message IPACL-5-NOTE: [chars]

Explanation Ipacl does not support this operation

Recommended Action Please perform 'debug ipacl all', then recreate the operation scenario, to find out more details.

IPACL-6

Error Message IPACL-6-INFO: [chars]

Explanation Ipacl event occurred

Recommended Action No action is required.

IPFC Messages

This section contains the IPFC messages.

IPFC-2

Error Message IPFC-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IPFC-3

Error Message IPFC-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message IPFC-3-IOCTL_FAILED: IOCTL failed

Explanation An IOCTL to the character device failed.

Recommended Action Show IPFC internal interface VSAN <number> for all the configured VSAN interfaces to check the internal status, show IPFC internal MIP to check the internal status.

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Error Message IPFC-3-PSSERROR: [chars]

Explanation IPFC manager encountered a PSS error.

Recommended Action No action is required.

IPFC-5

Error Message IPFC-5-CONFIG_EVENT: VSAN interface [dec] [chars]

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message IPFC-5-STATE_CHANGE: VSAN interface [dec] [chars]

Explanation The specified VSAN Interface is [chars].

Recommended Action No action is required.

IPFC-6

Error Message IPFC-6-STARTING: IP Over Fiber Channel service started

Explanation The service has successfully started.

Recommended Action No action is required.

IPPOOL Messages

This section contains the IPPOOL messages.

IPPOOL-3

Error Message IPPOOL-3-NO_VC_CONNECTIVITY: Please check if you are connected to vCenter Server

Explanation Please check if you are connected to vCenter Server

Recommended Action No action is required.

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IPPOOL-5

Error Message IPPOOL-5-IPPOOL_DISABLED: IPPOOL Disabled

Explanation IPPOOL Service Disabled

Recommended Action No action is required.

Error Message IPPOOL-5-IPPOOL_ENABLED: IPPOOL Enabled

Explanation IPPOOL Service enabled

Recommended Action No action is required.

Error Message IPPOOL-5-VMKNIC_CREATED: Vmknic Created for module [dec]

Explanation Vmknic created

Recommended Action No action is required.

Error Message IPPOOL-5-VMKNIC_DELETED: Vmknic Deleted for module [dec]

Explanation Vmknic deleted

Recommended Action No action is required.

Error Message IPPOOL-5-VMKNIC_UPDATED: Vmknic updated for module [dec]

Explanation Vmknic updated

Recommended Action No action is required.

IPQOSMGR Messages

This section contains the IPQOSMGR messages.

IPQOSMGR-2

Error Message IPQOSMGR-2-QOSMGR_HA_FAILURE: Failed to do high availability operation: [chars].

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

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Error Message IPQOSMGR-2-QOSMGR_INIT_FAILED: Initialization failed for QoS Manager: [chars], reason: [hex].

Explanation Initialization failed for QoS Manager due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_MTS_FAILURE: Failed to do MTS operation: [chars].

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

IPQOSMGR-3

Error Message IPQOSMGR-3-QOSMGR_CONFIG_ERROR: Configuration error: [chars].

Explanation Configuration error. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-3-QOSMGR_PPF_ERROR: PPF library error: [chars].

Explanation PPF library errors. [chars] is the reason.

Recommended Action No action is required.

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IPQOSMGR-4

Error Message IPQOSMGR-4-QOSMGR_LC_ERROR_MSG: Linecard [dec] returned an error: [chars]

Explanation Linecard [dec] returned an error message which is reported as [chars].

Recommended Action No action is required.

Error Message IPQOSMGR-4-QOSMGR_PPF_WARNING: PPF library warning: [chars].

Explanation PPF library warning. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-4-QOSMGR_WARNING_MSG: [chars] [dec]

Explanation QOSMGR warning messages is reported as [chars] [dec].

Recommended Action No action is required.

IPQOSMGR-6

Error Message IPQOSMGR-6-QOSMGR_STATUS: QOSMGR Status: [chars].

Explanation QOSMGR status is reported as [chars].

Recommended Action No action is required.

IPQOSMGR-SLOT#-3

Error Message IPQOSMGR-SLOT#-3-QOSMGR_DPA_MSG: DPA returned error message - [chars]

Explanation An error occurred in the DPA [string] is the error message.

Recommended Action No action is required.

IPSEC Messages

This section contains the IPSEC messages.

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IPSEC-2

Error Message IPSEC-2-IPSEC_INIT: IPsec initialization of [chars] [chars]

Explanation IPsec initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPSEC-2-IPSEC_SPD_OVERFLOW_DUE_TO_ACL: SPD Overflow on interface due to IP ACL [chars] bound to crypto map [chars] [dec]

Explanation Modifying IP ACL caused Security Policy Database on the interface to overflow, IP ACL filter not applied to security policy database

Recommended Action Undo IP ACL change

IPSEC-3

Error Message IPSEC-3-14_2_MODULE_PACKETS_DROPPED: [chars]: packets were dropped in the module

Explanation Packets dropped in the 14/2 module. Please collect drop statistics using \show ipsec internal crypto-acc interface gigabit <slot/port> stats\

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPSEC-3-IPSEC_FIPS_TEST_FAILED: IPSEC FIPS compliance test failed

Explanation IPSEC FIPS compliance test failed

Recommended Action No action is required.

Error Message IPSEC-3-IPSEC_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

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IPSEC-5

Error Message IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: IP ACL [chars] updated while Crypto map [chars] [dec] bound to interface(s)

Explanation IP ACL updated while it is mapped to a crypto map that is bound to interface(s)

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_DISABLED_LIC_EXPIRED: IPSec Disabled due to License Expiry

Explanation IPSec Disabled due to License Expiry

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_DISABLED: IPSec Disabled

Explanation IPSec Disabled

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_ENABLED: IPSec Enabled

Explanation IPSec Enabled

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_CREATED: [chars]: IPSec SA created: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation IPSec SA created

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_DELETED: [chars]: IPSec SA deleted: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex]), reason: [chars]

Explanation IPSec SA deleted

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_REKEYED: [chars]: IPSec SA rekeyed: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation IPSec SA rekeyed

Recommended Action No action is required.

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Error Message IPSEC-5-IPSEC_TUNNEL_CREATED: [chars]: IPsec tunnel created:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], port: [chars], remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel created

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_TUNNEL_DELETED: [chars]: IPsec tunnel deleted:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel deleted

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_TUNNEL_REKEYED: [chars]: IPsec tunnel rekeyed:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars] traffic:: local:
[chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel rekeyed

Recommended Action No action is required.

IPS_SB_MGR Messages

This section contains the IP_SB_MGR messages.

IPS_SB_MGR-SLOT#-2

Error Message IPS_SB_MGR-SLOT#-2-NODE_CORE_NOT_RESPONDING: [Node [dec], Core [dec]]: Not responding to heartbeats, state=[hex]

Explanation Node is not incrementing heartbeats periodically

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-NODE_NOT_RESPONDING: [Node [dec], Core [dec]] :
Not responding to heartbeats

Explanation Node manager is not receiving heartbeat responses from the node

Recommended Action Potential node software issue. Please contact your support representative

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Error Message IPS_SB_MGR-SLOT#-2-NODE_REIMAGE_PREPARE_FAIL: [Node [dec]]: Disk formatting failed during node install

Explanation There was a problem during the partitioning of disk and creation of file systems during node install.

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-PORT_SOFTWARE_FAILURE: Port software failure, module [dec] port [dec]

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-3

Error Message IPS_SB_MGR-SLOT#-3-COMP_FAILURE: Heartbeat failure in compression engine (error [hex])

Explanation The compression engine did not respond to heartbeats, due to some failure. SAN-OS will restart the compression engine to clear the problem.

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-3-CRYPTO_FAILURE: Heartbeat failure in encryption engine (error [hex])

Explanation The encryption engine did not respond to heartbeats, due to some failure. SAN-OS will restart the encryption engine to clear the problem.

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-4

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_ADD_ON: svc-node[dec] image is not compatible with svclic image

Explanation The svc image on the node is not compatible with the add on image running on the linecard.

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_CURRENT: svc-node[dec] image is not compatible with current node image

Explanation The new svc image is not compatible with the svc image currently running on the node

Recommended Action Please contact your support representative

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_SUP: svc-node[dec] image is not compatible with system image

Explanation The svc image on the node is not compatible with the supervisor image.

Recommended Action Please contact your support representative

IPS_SB_MGR-SLOT#-6

Error Message IPS_SB_MGR-SLOT#-6-SBMGR_EVENT: Sbmgr event: [chars]

Explanation This is an event log of sb_mgr relating to a port/node

Recommended Action No action is required.

IPS Messages

This section contains the IPS messages.

IPS-2

Error Message IPS-2-ISCSI_IPS_INIT: IPS initialization of [chars] [chars]

Explanation IPS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPS-3

Error Message IPS-3-FCIP_FTA_ACCEL_CHAIN_ABORTED: Exch Aborted FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] (Internal [hex]:[hex])

Explanation FTA Exch being aborted

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_DATA_SENSE: Sense data with ERA [hex] sent to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Sense data with ERA sent

Recommended Action SYSLOGDOC_CONTACT_TAC

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Error Message IPS-3-FCIP_FTA_ERA_35: ERA [hex] presented to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP got an ERA 35

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message IPS-3-FCIP_FTA_ERA_38: ERA 0x38 received CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] at tape capacity: [dec] MB

Explanation FCIP got an ERA 38

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message IPS-3-FCIP_FTA_LOCATE_RCID_MISMATCH: Permanent Error due to Locate RBID Mismatch, CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_PERM_ERR: Permanent Error, ERA [hex] rcvd CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] sense_byte[2,6]: [[hex], [hex]]

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_RETRY_ERROR: [chars] retries [dec] FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FTA Command timed out

Recommended Action Informational no action required

Error Message IPS-3-IPS_CRYPTOP_FIPS_FAILED: IPS module [dec] has failed FIPS tests. FIPS info - [chars]

Explanation FIPS error occurred in the IPS module.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message IPS-3-IPS_EGRESS_PERR: Parity error on dma-bridge egress. Count: [dec]

Explanation Parity error occurred in dma-bridge egress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-IPS_FIPS_TEST_FAILED: IPS FIPS compliance test failed

Explanation IPS FIPS compliance test failed

Recommended Action No action is required.

Error Message IPS-3-IPS_INGRESS_PERR: Parity error on dma-bridge ingress. Count: [dec]

Explanation Parity error occurred in dma-bridge ingress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_COMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while committing the cfs config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_CONFIG_FAILED: [chars]; [chars]

Explanation An error occurred while distributing the CFS config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message IPS-3-ISLB_CFS_LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_ACTIVATION_FAILED: [chars]; [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_CLEARED: [chars]

Explanation Merge cleared, reason: [chars]

Recommended Action No action is required.

Error Message IPS-3-ISLB_CFS_MERGE_COMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while committing the cfs merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_CONFIG_FAILED: [chars]; [chars]

Explanation An error occurred while distributing the CFS merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_FAILED: [chars]; [chars]

Explanation An error occurred while merging the iSLB CFS fabrics. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message IPS-3-ISLB_CFS_MERGE_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommitting merge data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_REQ_REJECTED: [chars]

Explanation Merge requested rejected, reason: [chars]

Recommended Action No action is required.

Error Message IPS-3-ISLB_CFS_MERGING_CONFIG_DB_FAILED: [chars]; [chars]

Explanation An error occurred while merging the config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommitting data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_CLAIM_FAILED: [chars]

Explanation PWWN reservation claim failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_RELEASE_FAILED: [chars]

Explanation PWWN reservation release failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message IPS-3-ISLB_CFS_VRRP_DIST_FAILED: [chars]

Explanation An error occurred while distributing the VRRP CFS runtime data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_ZONE_ACTIVATION_FAILED: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_ZONE_ACTIVATION_RETRY: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed. Zone server busy.

Recommended Action Retry the iSLB zonest activation.

Error Message IPS-3-ISLB_ZONE_NO_ACTIVE_ZONESET: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed. No active zoneset.

Recommended Action Activate a zoneset in the specified VSAN and retry

IPS-4

Error Message IPS-4-FCIP_FTA_CFG_MISMATCH: [chars]: Mismatch in FCIP Ficon Tape Acceleration configuration with peer

Explanation The FCIP Ficon Tape Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Ficon Tape Acceleration configuration to be consistent with the peer

Error Message IPS-4-FCIP_FTA_VSAN_UPDATE_WARNING: FCIP FICON tape acceleration VSAN update had an error ([chars]) on interface [chars] causing a flap of the interface

Explanation The FCIP FICON tape acceleration VSAN configuration experienced an error when disabling and enabling the VSAN over the FCIP tunnel. The FCIP tunnel was disabled and re-enabled as a result of this error to ensure data integrity.

Recommended Action No action is required.

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Error Message IPS-4-FCIP_LICENSE_BIND_FAILED: Bind failed for [chars] due to [chars] for license failure; configuration accepted but bind failed

Explanation The FCIP configuration was accepted, but the FCIP interface did not bind to a physical interface because the appropriate license was not available. If a license becomes available in the future, this FCIP interface will bind to a physical interface automatically.

Recommended Action Check the license state with show license usage and acquire the necessary FCIP license

Error Message IPS-4-FCIP_XRCE_LICENSE_FAILED: XRC Acceleration deactivated due to license failure

Explanation The XRC Acceleration configuration was accepted, but will remain inactive until a valid license is available. When the appropriate license is installed, XRC acceleration will be activated.

Recommended Action Check the license state with show license usage and acquire the necessary XRC_ACCL license

Error Message IPS-4-FCIP_XRCE_LICENSE_INSTALLED: XRC Acceleration activated due to valid license

Explanation The XRC Acceleration configuration is activated as a valid license has been installed.

Recommended Action No action is required.

IPS-5

Error Message IPS-5-FCIP_BIND_FAILED: Bind failed for [chars] due to [chars] for [chars]

Explanation FCIP/ISCSI Interface bind to Ethernet port failed

Recommended Action No action is required.

Error Message IPS-5-FCIP_BPORT_KEEPAIVES_NOT_SUPPORTED: Bport Keepalives not supported for FCIP [chars]

Explanation Bport Keepalives not supported in this release

Recommended Action Informational no action required

Error Message IPS-5-FCIP_BPORT_NOT_SUPPORTED: Bport not supported for FCIP [chars]

Explanation Bport not supported in this release

Recommended Action Informational no action required

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Error Message IPS-5-FCIP_FTA_ACCEL_STARTED: Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA Acceleration started

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ACCEL_STOPPED: Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB writes

Explanation FCIP-FTA Acceleration stopped

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_OFF: FTA Already Off, [chars] VSAN: [dec]

Explanation FTA Already Off

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_ON: FTA Already ON, [chars] VSAN: [dec]

Explanation FTA Already ON

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_DOWN: FTA [chars] is DOWN

Explanation FTA is DOWN

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_UP: FTA [chars], is UP

Explanation FTA is UP

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_DISBAND_GRP_CMD: Disband Group message processed PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP Disbanded a Group

Recommended Action Informational no action required

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Error Message IPS-5-FCIP_FTA_EST_GRP_CMD: Path Group established for PGID: [chars]
CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP established a Path Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS1: RSCN Cleanup Pass1
[chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation Doing RSCN Cleanup, Pass 1

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS2: RSCN Cleanup Pass2
[chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation Doing RSCN Cleanup, Pass 2

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESIGN_GRP_CMD: Resign group processed for PGID:
[chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP Resigned a Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_3490: 3490 device discovered by FCIP CH FCID:
[hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Device type discovered is 3490

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_3590: 3590 device discovered by FCIP CH FCID:
[hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Device type discovered is 3590

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_NOT_TAPE: Non-tape device discovered by FCIP CH
FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP discovered a non-tape device

Recommended Action Informational no action required

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Error Message IPS-5-FCIP_FTA_TURN_OFF_LAST_VSAN: FTA turned off for the Last VSAN, [chars] VSAN: [dec]

Explanation FTA turned off for the Last Vsan

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_TURN_OFF_NONLAST_VSAN: FTA turned off for the Non-Last VSAN, [chars] VSAN: [dec]

Explanation FTA turned off for the Non-Last Vsan

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_TURN_ON: Turn ON FTA, [chars] VSAN: [dec]

Explanation FTA turned ON

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_WARNING: FTA Warning :[chars]

Explanation Generic FTA Warning

Recommended Action Informational no action required

Error Message IPS-5-FCIP_IF_CR_DEL: Interface [chars] [chars]

Explanation FCIP Interface was Created or Deleted

Recommended Action No action is required.

Error Message IPS-5-FCIP_MODE1_CHANGED_TO_MODE2: Changing mode1 compression to mode2 for [chars], on a MSM/SSN-16 linecard

Explanation Change mode1 compression to mode2 on a MSM/SSN-16 linecard

Recommended Action Informational no action required

Error Message IPS-5-FCIP_NUM_TCP_CONNS_MISMATCH: [chars]: configured for 2 tcp connections but currently operating with 1 connection

Explanation Number of configured tcp connections don't match number of connections currently up

Recommended Action No action is required.

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Error Message IPS-5-FCIP_PEER_CAVIUM: Peer FCIP [chars] is a MSM/SSN-16 linecard

Explanation Peer linecard is a MSM/SSN-16

Recommended Action Informational no action required

Error Message IPS-5-FCIP_PEER_NON_CAVIUM: Peer FCIP [chars] is a non MSM/SSN-16 linecard

Explanation Peer linecard is non MSM/SSN-16

Recommended Action Informational no action required

Error Message IPS-5-FCIP_RA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Read Acceleration capability with peer

Explanation The FCIP Tape Read Acceleration capability does not match with peer's configuration

Recommended Action Fix the FCIP Tape Read Acceleration capability to be consistent with the peer

Error Message IPS-5-FCIP_SF_NOT_SUPPORTED: Special-Frame not supported for FCIP [chars]

Explanation Spl-Frame not supported in this release

Recommended Action Informational no action required

Error Message IPS-5-FCIP_TA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Acceleration configuration with peer

Explanation The FCIP Tape Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Tape Acceleration configuration to be consistent with the peer

Error Message IPS-5-FCIP_TA_ITL_MISMATCH: [chars]: Mismatch in FCIP Write/Tape Acceleration software capability with peer

Explanation The FCIP Write/Tape Acceleration software capability does not match with peer's software capability

Recommended Action Fix the FCIP software to be consistent with the peer

Error Message IPS-5-FCIP_TSTAMP_CHK_FAILED: [chars]: Timestamp check failed on ingressing frames

Explanation Timestamp between local and remote side exceeds the configured tolerance

Recommended Action No action is required.

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Error Message IPS-5-FCIP_UNBIND_FAILED: UNBIND failed for [chars] due to [chars] for [chars]

Explanation FCIP/iSCSI Interface UNBIND from Ethernet port failed

Recommended Action No action is required.

Error Message IPS-5-FCIP_WA_CFG_MISMATCH: [chars]: Mismatch in FCIP Write Acceleration configuration with peer

Explanation The FCIP Write Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Write Acceleration configuration to be consistent with the peer

Error Message IPS-5-FCIP_WA_XFER_RDY_ERR: [chars]: FCIP Write Acceleration received XFER-RDY after exhcnge cleanup. Host [hex] Target [hex]

Explanation FCIP Write/Tape Acceleration received XFER-RDY after exchange cleanup

Recommended Action No action is required.

Error Message IPS-5-FCIP_XRCE_CFG_MISMATCH: [chars]: Mismatch in FCIP XRC Emulator configuration with peer

Explanation The FCIP XRC Emulator configuration does not match with peer's configuration

Recommended Action Fix the FCIP XRC Emulator configuration to be consistent with the peer

Error Message IPS-5-IPS_IPACL_LOG_MSG: [chars]

Explanation Details of the packet dropped due to ACLs

Recommended Action No action is required.

Error Message IPS-5-IPS_MGR_FEATURE_ENABLE: ips:[dec] iscsi:[dec] fcip:[dec] iscsi-intf-vsan:[dec] ips-lc:[dec]

Explanation IPS Manager feature enabled/disabled

Recommended Action No action is required.

Error Message IPS-5-IPS_TCP_PORT_IN_USE: Cannot bringup interface [chars], local port already in use

Explanation FCIP and iSCSI interface are trying to use the same local port, please use different ports

Recommended Action No action is required.

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Error Message IPS-5-ISCSI_BAD_DATA_DIGEST_CRC: iSCSI ingress data digest error from initiator [chars] alias [chars] S_ID [hex] to D_ID [hex]

Explanation iSCSI Ingress Data Digest CRC failed

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_DOWN_BATCH: [chars]: [dec] iSCSI sessions failed in last [chars], reason: [chars]

Explanation Number of iSCSI session down during the last time interval

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_DOWN: [chars]: iSCSI session down from initiator [chars] alias [chars] ip [chars] to target [chars], reason: [chars]

Explanation iSCSI session goes down

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_UP: [chars]: iSCSI session up from initiator [chars] alias [chars] ip [chars] to target [chars]

Explanation iSCSI session comes up and reaches Full-Feature phase

Recommended Action No action is required.

Error Message IPS-5-ISCSI_PORT_FAILOVER: [chars]: iSCSI initiator [chars] alias [chars] ip [chars] target [chars]. FC session failed over to port [chars]

Explanation FC session for the iSCSI session failed over to newly active port

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SB_GET_TGT: iSCSI SB get [dec] targets, initiator [chars] alias [chars] ip [chars]

Explanation iSCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_CREATE_FAILURE: [chars]: iSCSI Session initiator [chars] target [chars] create failed. [chars]

Explanation iSCSI Session Create failed

Recommended Action No action is required.

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Error Message IPS-5-ISCSI_SESSION_CREATE_REDIRECT: [chars]: iSCSI Session initiator [chars] target [chars] redirected to [chars]/[chars]

Explanation iSCSI Session Create redirected

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_REDIRECT_TIMEOUT: iSCSI Session initiator [chars] to [chars] redirected to [chars] timeout

Explanation iSCSI Session Redirect timeout

Recommended Action No action is required.

Error Message IPS-5-ISLB_CFS_SESSION_CLEARED: CFS Session Cleared

Explanation CFS Session Cleared by user

Recommended Action No action is required.

Error Message IPS-5-PORT_IPCFG_FAILED: Cannot configure IP address for interface [chars]

Explanation Cannot configure IPS port IP address

Recommended Action No action is required.

Error Message IPS-5-SB_MGR_CORE_FAILED: Ethernet Processing core [chars] failed due to [chars]

Explanation Ethernet Processing Core failed

Recommended Action No action is required.

Error Message IPS-5-SFRAME_ENTITY_ID_MISMATCH: [chars]: special frame profile ID mismatch

Explanation Special frame received and destination profile ID does not match local profile ID

Recommended Action No action is required.

Error Message IPS-5-SFRAME_FABRIC_WWN_MISMATCH: [chars]: special frame fabric wwn mismatch

Explanation Special frame received and source/destination fabric wwn does not match local destination/ source fabric wwn

Recommended Action No action is required.

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Error Message IPS-5-SFRAME_IF_ADMIN_DOWN: [chars]: special frame received if down

Explanation Special frame received and interface is admin down

Recommended Action No action is required.

Error Message IPS-5-SFRAME_IF_NOT_ENABLED: [chars]: special frame not enabled

Explanation Special frame received and interface special frame configuration is disabled

Recommended Action No action is required.

Error Message IPS-5-SFRAME_INVALID_NONCE: [chars]: special frame response has invalid nonce for FCIP

Explanation Special frame response has a different nonce than was originally sent in the special frame

Recommended Action No action is required.

Error Message IPS-5-SFRAME_NOT_RECV: [chars]: special frame was not received by passive-side FCIP

Explanation Special frame was not received by the passive-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

Error Message IPS-5-SFRAME_RESP_MISMATCH: [chars]: special frame response has byte mismatch for FCIP

Explanation Special frame response has a mismatch in one of the bytes from what was sent from the FCIP special frame sender

Recommended Action No action is required.

Error Message IPS-5-SFRAME_RESP_NOT_RECV: [chars]: special frame response was not received by active-side FCIP

Explanation Special frame response was not received by the active-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

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IPS-7

Error Message IPS-7-ISCSI_FCNS_QUERY_REQ: return [hex], wait [dec], VSAN [dec], Init: [chars]

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message IPS-7-ISCSI_FCNS_QUERY_RESP: result [hex], [dec] targets, wait [dec], Init: [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_REQ: return [hex], VSANs [chars], Init: [chars]

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_RESP: result [hex], [dec] entries, [dec] targets, [dec] total targets Init: [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISNS_SVR_ERR_RESPONSE: iSNS server returned following error code on iSNS request for interface [chars] : [dec]

Explanation iSNS server returned an error for register/deregister request. For select error codes iSNS client would retry and re-register all target nodes corresponding to the interface

Recommended Action No action is required.

IPV6 Messages

This section contains the IPV6 messages.

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IPV6-2

Error Message IPV6-2-ALLOC_MEMORY: Memory allocation failed

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IPV6-3

Error Message IPV6-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IPV6-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

IPV6-4

Error Message IPV6-4-DAD_FAILED_EVENT: Duplicate address detection failed for [chars] on [chars]

Explanation Duplicate address detection for IP address failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

IPV6-6

Error Message IPV6-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

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Error Message IPV6-6-INTERFACE_DELETED: The interface [chars] has been deleted

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message IPV6-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message IPV6-6-ROUTE_NOT_ACTIVE: The [chars] is not active

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message IPV6-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

IP Messages

This section contains the IP messages.

IP-2

Error Message IP-2-ALLOC_MEMORY: Memory allocation failed

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IP-3

Error Message IP-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message IP-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

IP-4

Error Message IP-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]

Explanation Duplicate address detected for IP address.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

IP-6

Error Message IP-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message IP-6-INTERFACE_DELETED: The interface [chars] has been deleted

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message IP-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message IP-6-ROUTE_NOT_ACTIVE: The [chars] is not active

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

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Error Message IP-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

ISAPI Messages

This section contains the ISAPI messages.

ISAPI-SLOT#-0

Error Message ISAPI-SLOT#-0-INVISTA_EMERG: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-MSM_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-NSP_EMERG: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-SSM_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-SSN_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

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ISAPI-SLOT#-1

Error Message ISAPI-SLOT#-1-INVISTA_ALERT: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-MSM_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-NSP_ALERT: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-SSM_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-SSN_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-2

Error Message ISAPI-SLOT#-2-INVISTA_CRIT: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-MSM_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

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Error Message ISAPI-SLOT#-2-NSP_CRIT: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-SSM_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-SSN_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-3

Error Message ISAPI-SLOT#-3-INVISTA_ERROR: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-MSM_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-NSP_ERROR: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-SSM_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

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Error Message ISAPI-SLOT#-3-SSN_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-4

Error Message ISAPI-SLOT#-4-INVISTA_WARN: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-MSM_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-NSP_WARN: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSM_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSN_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-5

Error Message ISAPI-SLOT#-5-INVISTA_NOTICE: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

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Error Message ISAPI-SLOT#-5-MSM_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-NSP_NOTICE: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSM_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSN_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-6

Error Message ISAPI-SLOT#-6-INVISTA_INFO: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-MSM_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-NSP_INFO: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

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Error Message ISAPI-SLOT#-6-SSM_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-SSN_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-7

Error Message ISAPI-SLOT#-7-INVISTA_DEBUG: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-MSM_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-NSP_DEBUG: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSM_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSN_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISNS Messages

This section contains the ISNS messages.

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ISNS-2

Error Message ISNS-2-ISNS_CFS_OPERATION_FAILED: iSNS CFS [chars] failed

Explanation ISNS CFS operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ISNS-2-ISNS_INIT: iSNS initialization of [chars] [chars]

Explanation ISNS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IVR Messages

This section contains the IVR messages.

IVR-2

Error Message IVR-2-AUTOLEARN_ACTION_FAIL: failure happens during constructing virtual dynamic pfcid table

Explanation This can happen if failure happens during building, distributing or committing the virtual dynamic pfcid table

Recommended Action Please 1. check the fabric connection or 2. check current virtual user-configured pfcid entries and internally assigned virtual fcid entries for possible conflict

Error Message IVR-2-AUTOLEARN_FEATURE_NOT_SUPPORT: some switches:[chars] don't support autolearn

Explanation This can happen if some switches doesn't support the virtual pfcid autolearn feature

Recommended Action Please upgrade the unsupported switches

Error Message IVR-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of IVR was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made

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in this session. Also, IVR auto topology could be out of sync. with this peer. It is recommended that the user abort this CFS session using `ivr abort` command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message `IVR-2-DEVICE_FCID_REWRITE_FAILURE: Failure while programming FCID rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices, failure reason code: [hex]`

Explanation Failed to program FCID rewrite entries probably because the hardware ran out of FCID rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of devices involved in IVR in the active IVR zoneset. Also, reduce the number of redundant transit VSANs, if any

Error Message `IVR-2-DEVICE_STATE_INCOMPATIBLE_WITH_NAT_MODE: State for device with port WWN [chars] could not be restored because it was incompatible with the current NAT mode([dec]). This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset`

Explanation This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset

Recommended Action The switch needs to be rebooted

Error Message `IVR-2-DEVICE_VSAN_REWRITE_FAILURE: Failure while programming VSAN rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices`

Explanation Failed to program VSAN rewrite entries probably because the hardware ran out of VSAN rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of domains involved in IVR by moving the members of active IVR zoneset to fewer switches. Also, reduce the number of redundant transit VSANs, if any

Error Message `IVR-2-INTEROP_MODE_2_OR_3_BF_FAILED: [chars] VSAN [dec] Virtual Domain [chars]`

Explanation Build Fabric (BF) failed in VSAN [dec]. The BF was initiated in order to remove an unused virtual domain [dec] from the fcdomain list in that VSAN. The virtual domain still remains in the fcdomain list and hence it would not be available in that VSAN for assignment.

Recommended Action Perform a manual build fabric using fcdomain's interface if you would like to remove the unused virtual domain(s) from the fcdomain list.

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Error Message IVR-2-INTEROP_MODE_2_OR_3_RDI_FAILED: VSAN [dec], requested domain [chars], received domain [chars] swwn [chars]. Return Code [chars]

Explanation Request Domain Identifier (RDI) command to allocate virtual domain [dec] failed in VSAN [dec]. Received another domain [chars] instead. IVR-members connected to third-party switch may not participate in IVR communications. It is likely that the domain requested in the RDI command is already in use.

Recommended Action Reassign the domains so that the domain requested via RDI does not overlap with any existing domain in that VSAN.

Error Message IVR-2-IVR_DISABLE_FAILED: Inter-VSAN Routing disable failed for reason: [chars]

Explanation Inter-VSAN Routing disable failed for reason: [chars]. Cleanup might not have completed

Recommended Action Deactivate ivr zoneset and disable ivr again. If that fails, then the ivr process would terminate itself in 5 minutes

Error Message IVR-2-IVZS_ACTIVATION_FAILED_RETRYING: Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. retrying after [dec] seconds

Explanation Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message IVR-2-NO_LICENSE_SHUTDOWN: Inter-VSAN Routing is shutting down.

Explanation License required for continued IVR operation is not available. Hence IVR is shutting down

Recommended Action Install appropriate license for IVR services and then enable IVR again.

Error Message IVR-2-NO_LICENSE_WARNING: Inter-VSAN Routing would shutdown in [dec] seconds.

Explanation License required for continued IVR operation is not available. Unless the required license is installed IVR would shutdown in [dec] seconds. IVR configurations would be lost.

Recommended Action Install appropriate license for IVR services to continue to operate uninterrupted within [dec] seconds

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Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_CONFLICT_WITH_AUTOLEARN: Persistent virtual fcid and dynamic pfcid entries

Explanation This can happen if conflict happens during persistent virtual domain, or virtual fcid entry configuration.

Recommended Action Please assign a non-conflict persistent virtual domain or fcid entry with current dynamic entries

Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the configured persistent virtual domain/fcid could not be assigned

Explanation This can happen if the virtual domain/fcid configured by the user is - a) Already in use (either by IVR or a real switch) b) Not allowed due to interop mode or allowed domain list

Recommended Action Please make sure that the configured virtual domain/fcid is allowed and available for use

Error Message IVR-2-VIRTUAL_DOMAIN_CONFLICT: In VSAN [dec] virtual domain [dec] from native VSAN [dec] conflicts with native VSAN [dec] for the same virtual domain

Explanation Currently advertised virtual domain [dec] in VSAN [dec] is native to VSAN [dec]. This switch has learned of a device that is member of active IVR zone and has the same domain ID, but belongs to a different native VSAN. This device would not be advertised in that VSAN until the domain conflict is resolved.

Recommended Action No action is required.

Error Message IVR-2-VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the internally generated FCID conflicts with fcid assigned to WWN [chars]. Please configure fcid for WWN [chars] too

Explanation This can happen if the virtual domain/fcid internally configured is already in use by another active device

Recommended Action Please assign a different persistent virtual fcid by CLI command

IVR-3

Error Message IVR-3-AAM_MODE_CANNOT_CHANGE: AAM mode cannot be changed. Might cause the fabric NAT mode inconsistency

Explanation Could be caused by ivr NAT is not enable

Recommended Action No action is required.

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Error Message IVR-3-ACL_ERROR: ACL API, [chars], failed with error [chars]

Explanation IVR invoked ACL API and received the error code. [chars] describes the API and [chars] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-ACL_PERMIT_ENTRY_ERROR: ACL permit entry update on interface [chars] failed for reason: [chars]

Explanation ACL could not program permit entries for IVR traffic. [chars] describes the interface named and [chars] describes the system error message from ACL. IVR traffic coming from the interface may be dropped.

Recommended Action If the problem persists, please contact TAC, or your reseller for support.

Error Message IVR-3-ACL_PLOGI_ENTRY_ERROR: PLOGI capture entry update in slot [dec] failed for reason: [chars]

Explanation ACL could not program IVR PLOGI could not be programmed. slot[dec] describes the line card slot number and [chars] describes the system error message. PLOGI and its response may be dropped because ivr process cannot capture those frames.

Recommended Action No action is required.

Error Message IVR-3-AFID_CONFLICT: [chars]

Explanation AFID configuration is different at different ivr-enabled switches in the same VSAN. Change AFID configuration (auto mode) or vsan topology configuration (user mode) to make it consistent

Recommended Action No action is required.

Error Message IVR-3-CFS_INVALID_PAYLOAD_RECEIVED: Inter-VSAN process received invalid payload from CFS

Explanation Inter-VSAN process received invalid payload from CFS.

Recommended Action No action is required.

Error Message IVR-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message IVR-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-COMMIT_PARTIALLY_FAILED: [chars]

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-DDAS_LOCK_TIMER_EXPIRED: IVR database lock is released, as device-alias commit/abort notification is not received in the expected time frame.

Explanation When device-alias sends the validation request, IVR database is locked and a timer is started. For any reason, if device-alias commit/abort notification is not received within the expected time frame, the lock timer gets expired and the lock is released. If device-alias commit notification is received after the lock is released, the changes are not applied and this could cause inconsistency between IVR and device-alias.

Recommended Action No action is required.

Error Message IVR-3-DEVICE_NOT_PRESENT_IN_FB_DB_FICON: Device with port WWN [chars] could not be exported to VSANs [chars] because its native switch is not present in the current active fabric binding database of those VSANs.

Explanation This happens if ficon is enabled on VSANs [chars] and native switch of device with port WWN [chars] is not present in the current active fabric binding database of those VSANs. This is a requirement for ficon compliance.

Recommended Action No action is required.

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Error Message IVR-3-DEVICE_ON_WRONG_NATIVE_AFID_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec] native AFID [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because it has come online in VSAN [dec] AFID [dec]

Explanation Device has come online on a AFID/VSAN different from the configured native AFID/VSAN

Recommended Action No action is required.

Error Message IVR-3-DEVICE_ON_WRONG_NATIVE_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because domain [hex] exists in VSAN [dec]

Explanation Device has come online on a VSAN different from the configured native VSAN or the device does not satisfy unique domain criteria.

Recommended Action No action is required.

Error Message IVR-3-DM_ERROR: Domain Manager API, [chars], failed with error [hex]

Explanation IVR invoked DM API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-DOMAIN_DISALLOWED_IN_INTEROP: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is disallowed in the interop mode for VSAN [dec]

Explanation VSAN interop modes place restrictions on what domain ranges are allowed. This domain is out of the range allowed for this interop mode. See the Cisco MDS 9000 Family Configuration Guide for details on the domain range limitations.

Recommended Action Change the domain of the switch to which this IVR zone member is connected to so that it is within the allowed domain list for the interop mode. The domain identifier can be statically assigned using fcdomain interface. You can also configure a range of domains allowed in a VSAN using the fcdomain's 'allowed-domains' interface.

Error Message IVR-3-DOMAIN_UNAVAILABLE: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec]

Explanation Device with port WWN [chars] and FCID [dec] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec].

Recommended Action No action is required.

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Error Message IVR-3-FC2_ERROR: FC2 API [chars] failed with error [hex] for [chars]

Explanation IVR invoked FC2 API for [chars] socket and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-FCID_NAT_MODE_CANNOT_CHANGE: IVR NAT mode cannot be changed. Might cause the fabric NAT mode inconsistency

Explanation Could be caused by active zoneset, pending activation /deactivation or non-empty device list

Recommended Action No action is required.

Error Message IVR-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]).

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-3-INTERNAL_ERROR: Internal error: [chars]

Explanation IVR process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message IVR-3-INVALID_ZONE_MEMBER_PROP_INTEROP_MODE_2_3: unsupported member/zone properties in interop mode 2 or 3 [chars]

Explanation Inter-VSAN member properties incompatible with interop mode vsan

Recommended Action No action is required.

Error Message IVR-3-IVZ_ACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] activation failed in VSAN [dec]

Explanation Inter-VSAN zoneset activation failed in VSAN.

Recommended Action No action is required.

Error Message IVR-3-IVZ_ACTIVATION_FAILED: Inter-VSAN zoneset [chars] activation failed

Explanation Inter-VSAN zoneset activation failed.

Recommended Action No action is required.

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Error Message IVR-3-IVZ_DEACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars]
deactivation failed in VSAN [dec]

Explanation Inter-VSAN zoneset deactivation failed in VSAN.

Recommended Action No action is required.

Error Message IVR-3-IVZ_DEACTIVATION_FAILED: Inter-VSAN zoneset [chars]
deactivation failed

Explanation Inter-VSAN zoneset deactivation failed.

Recommended Action No action is required.

Error Message IVR-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MERGE_FAILED: reason is [chars]

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation IVR process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec].

Recommended Action No action is required.

Error Message IVR-3-NS_ERROR: FCNS API, [chars], failed with error [hex]

Explanation IVR invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]

Explanation IVR read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code.

Recommended Action No action is required.

Error Message IVR-3-PSS_ERROR: PSS operation [chars] returned error: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation IVR read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code.

Recommended Action No action is required.

Error Message IVR-3-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED: qos iod undrop request vsan [dec] did [chars] failed:[chars].

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-3-RIB_ERROR: RIB API, [chars], failed with error [hex]

Explanation IVR invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-ROUTE_REQUEST_TO_ACL_FAILED: route [chars] request vsan [dec] domain [dec] failed:[chars].

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-3-TOPOLOGY_COMPUTATION_FAILED: Inter-VSAN Topology computation has failed due to: [chars]

Explanation Inter-VSAN Topology has failed due to [chars]. Possible reasons are (a) Number of AFID/VSAN combination is more than the maximum supported value of 128, or (b) Number of ivr-enabled switches is more than the maximum supported value of 128

Recommended Action No action is required.

Error Message IVR-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation IVR process received unexpected MTS event. MTS opcode is specified in [dec].

Recommended Action No action is required.

Error Message IVR-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-VSAN_SEGMENTED: [chars]

Explanation VSAN is segmented. VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-ZS_POLICY_IS_DENY_NO_ACTIVE_ZS: Default zone behavior policy is deny on VSAN [dec] and there is no active zoneset

Explanation Default zone behavior is deny and there is no active zoneset. Inter-VSAN zone members may not be able to communicate in this VSAN.

Recommended Action No action is required.

Error Message IVR-3-ZS_POLICY_IS_PERMIT_NO_FORCE: Default zone behavior policy is permit on VSAN [dec] and the force option is off

Explanation Default zone behavior is permit and the force option is off. Inter-VSAN zoneset activation on this VSAN has failed.

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

Error Message IVR-3-ZS_POLICY_IS_PERMIT_ZS_DEACTIVATED: Default zone behavior policy is permit on VSAN [dec] and regular zoneset deactivated

Explanation Default zone behavior is permit and regular zoneset is deactivated. Inter-VSAN zone members may not be able to communicate.

Recommended Action No action is required.

IVR-4

Error Message IVR-4-AUTO_TOPOLOGY_UPDATE_DISCARDED: [chars]

Explanation Received auto topology update is discarded due to conflicts

Recommended Action No action is required.

Error Message IVR-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars] ([hex]). Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-4-PERSISTENT_VIRTUAL_DOMAIN_MERGE_CONFLICT: [chars]

Explanation Merge failed due to conflict in the persistent virtual domain configuration

Recommended Action No action is required.

Error Message IVR-4-PERSISTENT_VIRTUAL_FCID_MERGE_CONFLICT: [chars]

Explanation Merge failed due to conflict in the persistent virtual fcid configuration

Recommended Action No action is required.

Error Message IVR-4-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED_AND_RETRYING: qos iod undrop request vsan [dec] did [chars] failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-4-ROUTE_REQUEST_TO_ACL_FAILED_AND_RETRYING: route [chars] request vsan [dec] domain [dec] failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-4-UNKNOWN_NATIVE_VSAN: Unknown native VSAN for the virtual domain [dec] in VSAN [dec] local native VSAN for the same virtual domain is [dec]

Explanation Could not determine native VSAN of the currently advertised virtual domain [dec] in VSAN [dec]. This switch has learned of a device that is member of active IVR zone has the same domain ID, and belongs to native VSAN [dec]. This device would not be advertised in that VSAN until the native VSAN information is resolved.

Recommended Action No action is required.

IVR-5

Error Message IVR-5-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode deregister failed

Explanation Abstract ACL Manager (AAM) mode deregister failed

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_DEREGISTERED: Abstract ACL Manager (AAM) mode has been deregistered

Explanation Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM) register failed

Explanation Abstract ACL Manager (AAM) register failed

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been registered

Explanation Abstract ACL Manager (AAM) mode has been registered

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-5-FCID_NAT_MODE_ACTIVATED: FCID network address translation (NAT) mode has been activated

Explanation FCID network address translation (NAT) mode has been activated

Recommended Action No action is required.

Error Message IVR-5-FCID_NAT_MODE_DEACTIVATED: FCID network address translation (NAT) mode has been deactivated

Explanation FCID network address translation (NAT) mode has been deactivated

Recommended Action No action is required.

Error Message IVR-5-IVR_ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]

Explanation An assertion failed in IVR code

Recommended Action No action is required.

Error Message IVR-5-IVZS_ACTIVATION_RETRYING: Inter-VSAN zoneset activation did not go through because of [chars], retrying in VSAN [dec] after [dec] seconds

Explanation Inter-VSAN zoneset activation failed because of [chars] in VSAN [dec]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message IVR-5-IVZS_WAITING_FOR_LOWEST_SWWN: Waiting for lowest switch WWN Inter-VSAN enabled switch in VSAN [dec]

Explanation Only lowest switch WWN Inter-VSAN enabled switch adds the Inter-VSAN zones to the regular active zoneset in a VSAN. This local switch is not the lowest swwn switch in VSAN [dec]

Recommended Action No action is required.

Error Message IVR-5-IVZ_ACTIVATED_VSAN: Inter-VSAN zoneset [chars] activated in VSAN [dec]

Explanation Inter-VSAN zoneset activated in VSAN[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_ACTIVATED: Inter-VSAN zoneset [chars] activated

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-5-IVZ_CLEANUP_DONE_BY_TIMER: Inter-VSAN clean-up is not done after waiting for 5 minutes

Explanation Inter-VSAN related configuration might not be cleaned up before the ivr process is terminated

Recommended Action If the problem persists, you may have to reboot your switch to clean up the old IVR configuration

Error Message IVR-5-IVZ_CLEANUP_DONE: Inter-VSAN clean-up is done

Explanation Inter-VSAN related configuration is cleaned up before exiting.

Recommended Action No action is required.

Error Message IVR-5-IVZ_DEACTIVATED_VSAN: Inter-VSAN zoneset [chars] deactivated in VSAN [dec]

Explanation Inter-VSAN zoneset deactivated in VSAN[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_DEACTIVATED: Inter-VSAN zoneset [chars] deactivated

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_PARTIALLY_ACTIVATED: Inter-VSAN zoneset [chars] partially activated

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message IVR-5-IVZ_PARTIALLY_DEACTIVATED: Inter-VSAN zoneset [chars] partially deactivated

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message IVR-5-LICENSE_CHECKIN_FAILED: Failed to checkin [chars] license: Err= [chars]

Explanation Failed to checkin [chars] license

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-5-SERVICE_GROUP_ACTIVATED: Inter-VSAN Service Group has been activated

Explanation Inter-VSAN Service Group has been activated.

Recommended Action No action is required.

Error Message IVR-5-SERVICE_GROUP_DEACTIVATED: Inter-VSAN Service Group has been deactivated

Explanation Inter-VSAN Service Group has been deactivated.

Recommended Action No action is required.

Error Message IVR-5-VSAN_NO_LONGER_SEGMENTED: [chars]

Explanation VSAN is no longer segmented. VSAN is added back to the topology graph and hence Inter-VSAN traffic can now flow through this VSAN.

Recommended Action No action is required.

Error Message IVR-5-VSAN_TOPOLOGY_ACTIVATED: Inter-VSAN Topology has been activated

Explanation Inter-VSAN Topology has been activated.

Recommended Action No action is required.

IVR-6

Error Message IVR-6-DRAV_ASYNC_DOMAIN_RELEASE: [chars]

Explanation DRAV FSM has unconditionally released a domain due to conflict after a fabric merge. The details are in [chars]

Recommended Action No action is required.

Error Message IVR-6-DRAV_CRITICAL_RETRY_EXCEED: [chars]

Explanation DRAV FSM frames are attempted to be resent. The details are in [chars]

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message IVR-6-DRAV_DOMAIN_ALLOC: Virtual domain [dec] for Native AFID: [dec]
Native VSAN [dec]

Explanation A virtual domain indicated by [dec] has been reserved for a device with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message IVR-6-DRAV_DOMAIN_RELEASE: Virtual domain [dec] for Native AFID: [dec]
Native VSAN [dec]

Explanation A virtual domain indicated by [dec] has been released used by devices with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message IVR-6-DRAV_TOPO_UPDATE: [chars]

Explanation DRAV FSM Topology has been updated as indicated by [chars]

Recommended Action No action is required.

Error Message IVR-6-LICENSE_VALID: A valid license for Inter-VSAN Routing has been obtained

Explanation A valid license for Inter-VSAN Routing has been obtained

Recommended Action No action is required.

IVR-7

Error Message IVR-7-CFS_REQ_RCVD: [chars]

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message IVR-7-CFS_RESP_SENT: [chars]

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

L2FMC Messages

This section contains the L2FMC messages.

Send document comments to nexuslk-docfeedback@cisco.com

L2FMC-SLOT#-0

Error Message L2FMC-SLOT#-0-L2FMC_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2FMC failed to initialize CLI infrastructure\backendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message L2FMC-SLOT#-0-L2FMC_TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2FMC failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

L2FMC-SLOT#-2

Error Message L2FMC-SLOT#-2-L2FMC_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message L2FMC-SLOT#-2-L2FMC_VLAN_NOT_FOUND: VLAN [dec] not found in L2FMC database!

Explanation L2FMC failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

L2FMC-SLOT#-5

Error Message L2FMC-SLOT#-5-L2FMC_GLBL_AGE_CONFIG_FAIL: Global age value configuration to [dec] seconds failed!

Explanation L2FMC failed to configure global default age to [dec] seconds.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-5-L2FMC_VLAN_AGE_CONFIG_FAIL: VLAN Age configuration to [dec] seconds failed!

Explanation L2FMC failed to configure age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

L2FMC-SLOT#-6

Error Message L2FMC-SLOT#-6-L2FMC_GLBL_AGE_CONFIGURED: Global age value configured to [dec] seconds.

Explanation L2FMC has successfully configured global default age to [dec] seconds.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_INITIALIZED: Internal state created [chars]

Explanation L2FMC has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in L2FMC was successful.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_REMOVED: VDC [dec] Removed

Explanation L2FMC has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_VLAN_CREATED: VLAN [dec] created

Explanation L2FMC has added VLAN [dec].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation L2FMC has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VLAN_AGE_CONFIGURED: Age configured for VLAN [dec] to [dec] seconds.

Explanation L2FMC has successfully configured age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

L2FM Messages

This section contains the L2FM messages.

L2FM-0

Error Message L2FM-0-L2FM_CLI_INITIALIZATION_FAILED: CLI library initialization failed!

Explanation Failed to initialize CLI infrastructure\backendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message L2FM-0-L2FM_VDC_GWMAC_GET_FAILED: Failed to get gwmac for VDC

Explanation Failed to get gwmac for VDC.

Recommended Action No action is required.

Error Message L2FM-0-L2FM_WRITE_TO_PSS_FAILED_IN_PREVIOUS_INCARNATION: PSS Write Failed in pervious incarnation. Stateful restart not possible

Explanation PSS Write Failed in pervious incarnation. Stateful restart not possible

Recommended Action No action is required.

L2FM-1

Error Message L2FM-1-L2FM_SMAC_DUP_FOUND: Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Explanation Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Recommended Action No action is required.

Error Message L2FM-1-L2FM_WRITE_TO_PSS_FAILED: Failed to write to PSS err [chars]

Explanation Failed to write to PSS err [chars]

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

L2FM-2

Error Message L2FM-2-L2FM_AGING_TIME_SET_FAILED: Failed to set age time [dec] for vlan [dec]

Explanation Failed to set age time [dec] for vlan [dec].

Recommended Action No action is required.

Error Message L2FM-2-L2FM_GLBL_AGING_TIME_SET_FAILED: Failed to set global age time [dec]

Explanation Failed to set global age time [dec]

Recommended Action No action is required.

Error Message L2FM-2-L2FM_SMAC_INS_FAILED: Failed to insert static mac for VLAN: [dec] MAC: [chars] IfIndex: [hex] Slot: [dec]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

L2FM-6

Error Message L2FM-6-L2FM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

L2MCAST Messages

This section contains the L2MCAST messages.

L2MCAST-SLOT#-0

Error Message L2MCAST-SLOT#-0-L2MCAST_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2MCAST failed to initialize CLI infrastructure\backendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

Error Message L2MCAST-SLOT#-0-L2MCAST_TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2MCAST failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

L2MCAST-SLOT#-2

Error Message L2MCAST-SLOT#-2-L2MCAST_VLAN_NOT_FOUND: VLAN [dec] not found in L2MCAST database!

Explanation L2MCAST failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-2-L2MCAST: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

L2MCAST-SLOT#-6

Error Message L2MCAST-SLOT#-6-L2MCAST_HW_INSTALL_FAIL: Hw install failed for vlan [dec] ([dec], [chars], [chars]) entry!

Explanation L2MCAST failed to insert bd, g, s entry in hardware. Igmp snooping may not be effective on vlan for that group and source

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_INITIALIZED: Internal state created [chars]

Explanation L2MCAST has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in L2MCAST was successful.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_REMOVED: VDC [dec] Removed

Explanation L2MCAST has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_CREATED: VLAN [dec] created

Explanation L2MCAST has added VLAN [dec].

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation L2MCAST has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

LACP Messages

This section contains the LACP messages.

LACP-3

Error Message LACP-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message LACP-3-LACP_MEM_PC_MISCFG: LACP misconfiguration detected on [chars]: ([chars] [dec] - [dec] [chars] [dec] - [dec])

Explanation There was an LACP misconfiguration

Recommended Action No action is required.

Error Message LACP-3-LACP_MISCFG: LACP misconfiguration detected on [chars]: ([chars])

Explanation There was an LACP misconfiguration

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

Error Message LACP-3-LACP_SUSPEND_HALF_DUPLEX_PORT: Port [chars] is in half duplex mode. suspend port

Explanation LACP is not supported in half duplex mode. Suspend port

Recommended Action No action is required.

Error Message LACP-3-LACP_UPGRADE_READY_FAILED: Upgrade ready was returned failure.

Explanation Upgrade ready event was returned failure since one of the ports in port channels were found to be in intermediate state.

Recommended Action No action is required.

Error Message LACP-3-PACKET_TRANSMIT_ERR: [chars]: Could not send LACP packet err=[dec]

Explanation There was an error in sending LACP packet

Recommended Action No action is required.

Error Message LACP-3-SYN_COLL_DIS_EN: [chars] [[chars]]: SYNC, COLLECT and DISTRIBUTE flags enabled too early by partner

Explanation Potential interop issue. Partner system seems to have enabled sync as well collecting or distributing flags too early even before actor has selected an aggregator

Recommended Action No action is required.

Error Message LACP-3-SYSTEM_MAC_ERR: [chars]: Could not get system mac[[chars]]

Explanation There was an error in acquiring system mac from VDC Mgr

Recommended Action No action is required.

LACP-5

Error Message LACP-5-LACP_DISABLED: LACP Disabled

Explanation LACP Service Disabled

Recommended Action No action is required.

Error Message LACP-5-LACP_ENABLED: LACP Enabled

Explanation LACP Service Enabled

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message LACP-5-LACP_REMOTE_NOTIFY_SUCCESS: Remote notify event.

Explanation Remote notify event was returned success.

Recommended Action No action is required.

Error Message LACP-5-LACP_SUSPEND_INDIVIDUAL: LACP port [chars] of port-channel [chars] not receiving any LACP BPDUs suspending (individual) port

Explanation LACP suspend individual ports

Recommended Action No action is required.

Error Message LACP-5-LACP_UPGRADE_READY_SUCCESS: Upgrade ready was returned success.

Explanation Upgrade ready event was returned success since all ports in port channels were found in steady state.

Recommended Action No action is required.

Error Message LACP-5-PORT_PRIORITY_CHANGED: [chars]: LACP port priority changed from [dec] to [dec]

Explanation LACP port priority has been changed

Recommended Action No action is required.

Error Message LACP-5-SYSTEM_PRIORITY_CHANGED: LACP system priority changed from [hex] to [hex]

Explanation LACP system priority has been changed

Recommended Action No action is required.

LC-FCFWD Messages

This section contains the LC-FCFWD messages.

LC-FCFWD-3

Error Message LC-FCFWD-3-ERROR: [chars]

Explanation Lc_fcfwd encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Send document comments to nexuslk-docfeedback@cisco.com

LC-SPAN Messages

This section contains the LC-SPAN messages.

LC-SPAN-3

Error Message LC-SPAN-3-ERROR: [chars]

Explanation Lc_span_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LC_CFG Messages

This section contains the L2_CFG messages.

LC_CFG-SLOT#-2

Error Message LC_CFG-SLOT#-2-LC2_CPU_ERRORS: [chars], Total IC [dec], DC [dec], Tag [dec], MBit [dec], SBit [dec], I30 [dec]

Explanation LC CPU Cache errors.

Recommended Action No action is required.

Error Message LC_CFG-SLOT#-2-LC_CFG_ABORT: registration aborted with code [dec]

Explanation Process lc_cfg_mgr aborted registration

Recommended Action No action is required.

Error Message LC_CFG-SLOT#-2-LC_CFG_EXITED: exited with code [dec]

Explanation Process lc_cfg_mgr exited

Recommended Action No action is required.

LC_PORT_CHANNEL Messages

This section contains the LC_PORT_CHANNEL messages.

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LC_PORT_CHANNEL-SLOT#-0

Error Message LC_PORT_CHANNEL-SLOT#-0-HW_FAILURE: fatal error in configureing [chars]: [chars]

Explanation Fatal hardware error in port-channel configuration

Recommended Action Reset the module

Error Message LC_PORT_CHANNEL-SLOT#-0-IDX_FULL: D_IDX table full (current [dec], new [dec], total [dec])

Explanation Programming error in port-channel configuration

Recommended Action Reset the module

LC_PORT_CHANNEL-SLOT#-3

Error Message LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_IDXMAP_FAILURE: could not lookup port index for interface [chars]

Explanation Could not look up port index

Recommended Action No action is required.

LC_PORT_MGR Messages

This section contains the LC_PORT_MGR messages.

LC_PORT_MGR-SLOT#-2

Error Message LC_PORT_MGR-SLOT#-2-LC_MTS_ERROR: An MTS error has occurred in ([chars]) with the following conditions: opc=[dec] ssap=[hex] dsap=[hex] syserr=[hex]

Explanation This is a software error in message communication between two applications.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Send document comments to nexuslk-docfeedback@cisco.com

LC_RDL Messages

This section contains the LC_RDL messages.

LC_RDL-3

Error Message LC_RDL-3-SYSLOG_ALLOC_FAIL: : [chars]

Explanation RDL malloc failed : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_ERR: : [chars]

Explanation RDL syslog errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_EXIT: : [chars]

Explanation RDL exiting on errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation RDL Init Failed: [chars] [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_MTS_ERR: : [chars]

Explanation RDL MTS errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_MTS_REG_FAILED: : [dec] [dec]

Explanation RDL context error: [dec] [dec]

Recommended Action No action is required.

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LC_RDL-6

Error Message LC_RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_INFO: : [chars]

Explanation RDL Debug logs: [chars]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

LIBBASE_SVC Messages

This section contains the LIBBASE_SVC messages.

LIBBASE_SVC-2

Error Message LIBBASE_SVC-2-IT NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound for site [chars], as the interfaces reached the maximum flow limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

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LIBBASE_SVC-5

Error Message LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-> [chars] disallowed in multiple clusters

Explanation Flow creation failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-IT_NEXUS_FAILURE: [chars]. [chars] bind failure.
Reason: [chars]: [hex]

Explanation IT Nexus bind failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum flow limit

Explanation Iterface Flow Limit

Recommended Action No action is required.

LIBGD Messages

This section contains the LIBGD messages.

LIBGD-2

Error Message LIBGD-2-GD_ACCESS_FAILED: Guardian Failed to access reg for [chars]

Explanation Guardian Access failed

Recommended Action No action is required.

Error Message LIBGD-2-GD_CATASTROPHIC: Guardian catastrophic failure: [chars]

Explanation Guardian catastrophic error

Recommended Action No action is required.

Error Message LIBGD-2-GD_INTR: Guardian Interrupt occurred: [chars]

Explanation Interrupt occurred on the Guardian

Recommended Action No action is required.

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Error Message LIBGD-2-SHUTDOWN: Guardian software process exiting: [chars]

Explanation Guardian shutting down

Recommended Action No action is required.

LIBGD-3

Error Message LIBGD-3-EN_DATA_FAILED: Guardian enable port failed for inst:[dec] port:[dec]

Explanation Guardian Enable port failed for the guardian

Recommended Action No action is required.

LIBGD-5

Error Message LIBGD-5-STARTING: Guardian process starting

Explanation Guardian process is being started

Recommended Action No action is required.

LIBGD-6

Error Message LIBGD-6-DIS_DATA: Guardian disable port done for inst:[dec] port:[dec]

Explanation Disabled port successfully for guardian

Recommended Action No action is required.

Error Message LIBGD-6-EN_PORT: Guardian enable port done for inst:[dec] port:[dec]

Explanation Enabled port for the Guardian

Recommended Action No action is required.

Error Message LIBGD-6-HW_INIT: GuardianHW initialization has been done for inst:[dec] port:[dec]

Explanation Guardian HW initializtion has been called[dec]

Recommended Action No action is required.

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LICMGR Messages

This section contains the LICMGR messages.

LICMGR-2

Error Message LICMGR-2-LOG_LIC_EXIT: License manager exiting: [chars]

Explanation License manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-2-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature [chars].

Explanation Unlicensed feature [chars] has exceeded it's grace time period. Applications using will be shut down immediately.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-2-LOG_LIC_INVALID_SERVER_LINE: License file [chars] contains invalid SERVER line. Contact TAC

Explanation Invalid SERVER line in license file.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-2-LOG_LIC_N1K_DEFAULT_LICENSE_EXPIRED: Default Evaluation license expired for feature [chars].

Explanation Default Evaluation license expired for feature [chars].

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-2-LOG_LIC_NVRAM_DISABLED: Licensing NVRAM is not available. Grace period will be disabled: [chars]

Explanation The Supervisor NVRAM block may have a hardware problem and may need to be replaced

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message LICMGR-2-LOG_LIC_USAGE: Feature [chars] is using [dec] licenses, only [dec] licenses are installed. Please make sure enough licenses are installed for the VEMs

Explanation Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Recommended Action Licensing

Error Message LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid SERVER line. Vendor daemon down

Explanation Vendor daemon is down

Recommended Action Licensing

LICMGR-3

Error Message LICMGR-3-LOG_LICAPP_NO_LIC: Application [chars] running without [chars] license, shut down in [dec] days.

Explanation Application [chars1] has not been licensed. The application will work for a grace period of [dec] days after which it will be shut down unless a license file for feature [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_CHECKOUT_FAIL_BAD_CLOCK: License checkout failed for feature [chars]([chars]) because system clock has been set back. Please set the clock to the correct value.

Explanation License checkout failed for feature [chars]([chars]) because system clock has been set back. Please set the clock to the correct value.

Recommended Action No action is required.

Error Message LICMGR-3-LOG_LIC_FILE_MISSING: License file(s) missing for feature [chars].

Explanation One or more license files for feature [chars] are missing and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_INVALID_HOSTID: Invalid license hostid VDH=[chars] for feature [chars].

Explanation Feature [chars2] has a license with an invalid license hostid VDH=[chars1]. This can occur if a supervisor card with licensed features for one switch is installed on another switch.

Recommended Action No action is required.

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Error Message LICMGR-3-LOG_LIC_LICENSE_EXPIRED: Evaluation license expired for feature [chars].

Explanation The named feature has exceeded its evaluation time period. Applications using the license will be shut down after a grace period.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_MESSAGE_ERROR: could not handle message: [chars] of type [dec] from addr [dec]:[dec].

Explanation Could not handle a IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-3-LOG_LIC_NO_LIC: No license(s) present for feature [chars]. Application(s) shut down in [dec] days.

Explanation Feature [chars] has not been licensed. The feature will work for a grace period of [dec] days after which application(s) using the feature will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_SERVER_DOWN: License Server Down [dec]

Explanation A connection to the license server was lost.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-3-LOG_LIC_SPROM_LIC: Feature [chars] issued [dec] licenses without a valid license file.

Explanation Feature [chars] has been licensed [dec] times without a valid license file. This means one or more license files are missing for feature [chars] and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_TOO_MANY_LIC: Only [dec] licenses are supported for [chars] feature, where as [dec] licenses are installed.

Explanation More licenses are installed than allowed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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LICMGR-4

Error Message LICMGR-4-LOG_LICAPP_EXPIRY_WARNING: Application [chars] evaluation license [chars] expiry in [dec] days.

Explanation Application [chars1] will exceed it's evaluation time period in [dec] days and will be shut down after a grace period unless a permanent license for feature [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: Evaluation license for feature [chars] will expire in [dec] days.

Explanation Feature [chars] will exceed it's evaluation time period in [dec] days and will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-4-LOG_LIC_N1K_DEFAULT_EXPIRY_WARNING: Default Evaluation license for feature [chars] will expire in [dec] days. Please make sure to install enough permanent licenses so as to avoid any disruption in traffic.

Explanation Feature [chars] will exceed it's default evaluation time period in [dec] days. Please make sure to install enough permanent licenses so as to avoid any disruption in traffic.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-4-LOG_LIC_N1K_EXPIRY_WARNING: Evaluation license for feature [chars] will expire in [dec] days. Please make sure to install enough permanent licenses so as to avoid any disruption in traffic.

Explanation Feature [chars] will exceed it's evaluation time period in [dec] days. Please make sure to install enough permanent licenses so as to avoid any disruption in traffic.

Recommended Action Please install the license file to continue using the feature.

LICMGR-6

Error Message LICMGR-6-LOG_CHECKPOINT_CREATED: created during license expiry.

Explanation When a license expires, auto checkpoint is created to prevent configuration loss.

Recommended Action Rollback can be done to the created checkpoint when a new license is installed.

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Error Message LICMGR-6-LOG_LIC_FEATURE_CLEARED: Cleared [dec] license(s) for feature [chars].

Explanation Uninstalled [dec] license(s) for feature [chars].

Recommended Action Use the 'show license usage' command to verify this license feature removal.

Error Message LICMGR-6-LOG_LIC_FEATURE_INSTALLED: Installed [dec] license(s) for feature [chars].

Explanation Installed [dec] license(s) for feature [chars].

Recommended Action Use the 'show license usage' command to verify this license feature installation.

Error Message LICMGR-6-LOG_LIC_LICENSE_CLEARED_ALL: Cleared all licenses.

Explanation Cleared all license files.

Recommended Action No action is required.

Error Message LICMGR-6-LOG_LIC_LICENSE_CLEARED: Cleared license file [chars].

Explanation Uninstalled the named license file.

Recommended Action Use the 'show license' command to verify this license removal.

Error Message LICMGR-6-LOG_LIC_LICENSE_INSTALLED: Installed license file [chars].

Explanation Installed the named license file.

Recommended Action Use the 'show license' command to verify this license installation.

LLDP Messages

This section contains the LLDP messages.

LLDP-3

Error Message LLDP-3-DETECT_MULTIPLE_PEERS: Multiple peers detected on [chars]

Explanation Multiple peers detected on an interface

Recommended Action No action is required.

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Error Message LLDP-3-INVALID_DCBXP_RECEIVED: Received an invalid DCBXP on [chars]

Explanation Received an invalid DCBXP on an interface

Recommended Action No action is required.

Error Message LLDP-3-INVALID_LLDP_RECEIVED: Received an invalid LLDP on [chars]

Explanation Received an invalid LLDP on an interface

Recommended Action No action is required.

Error Message LLDP-3-LLDP_INTERNAL_ERROR: LLDP internal error: [chars]

Explanation Internal error is encountered

Recommended Action No action is required.

LLDP-5

Error Message LLDP-5-LLDP_DISABLED: LLDP Disabled

Explanation LLDP Service Disabled

Recommended Action No action is required.

Error Message LLDP-5-LLDP_ENABLED: LLDP Enabled

Explanation LLDP Service Enabled

Recommended Action No action is required.

Error Message LLDP-5-SERVER_ADDED: Server with Chassis ID [chars] Port ID [chars] management address [chars] discovered on local port [chars] in vlan [dec]

Explanation A new peer is discovered

Recommended Action No action is required.

Error Message LLDP-5-SERVER_REMOVED: Server with Chassis ID [chars] Port ID [chars] on local port [chars] has been removed

Explanation A peer is removed

Recommended Action No action is required.

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LLDP-6

Error Message LLDP-6-DETECT_REMOTE_CHANGE: Remote change detected on [chars]

Explanation Remote change detected on an interface

Recommended Action No action is required.

Error Message LLDP-6-DETECT_REMOTE_DCBXP_CHANGE: Remote DCBXP change detected on [chars]

Explanation Remote DCBXP change detected on an interface

Recommended Action No action is required.

MAC Messages

This section contains the MAC messages.

MAC-SLOT#-2

Error Message MAC-SLOT#-2-MAC_INFO: [chars]

Explanation MAC Informational message

Recommended Action No action is required.

MCAST Messages

This section contains the MCAST messages.

MCAST-2

Error Message MCAST-2-SHUTDOWN: Process shutting down: [chars]

Explanation Mcast is shutting down

Recommended Action The action depends on the situation. The multicast process can shut down gracefully because of a system restart (in which case no action needs to take place) or because of a failure. The message associated with the syslog should be self explanatory to understand the reason for the shutdown. If the process is able to restart properly, there is no immediate harm for the system stability and the suggested action is to report the syslog event together with an explanation of the operations most recently performed on the system.

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MCAST-4

Error Message MCAST-4-ERROR: [chars]

Explanation Mcast encountered a generic error

Recommended Action No action is required.

MCAST-5

Error Message MCAST-5-BAD_MSG: Received bad message: [chars]

Explanation Mcast has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message MCAST-5-START: Process has been started

Explanation Mcast has been started

Recommended Action No action is required.

MCECTEST Messages

This section contains the MCECTEST messages.

MCECTEST-3

Error Message MCECTEST-3-ASSERTION_FAILED: [chars]

Explanation MCECTEST has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message MCECTEST-3-INIT_FAIL: [chars]

Explanation MCECTEST Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message MCECTEST-3-INTERNAL_ERR: [chars]

Explanation MCECTEST encountered an internal error due to [chars]

Recommended Action No action is required.

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Error Message MCECTEST-3-MTS_ERR: [chars]

Explanation MCECTEST encountered an MTS error due to [chars]

Recommended Action No action is required.

MCECTEST-5

Error Message MCECTEST-5-MCECTEST_DISABLED: MCECTEST Disabled

Explanation MCECTEST Service Disabled

Recommended Action No action is required.

Error Message MCECTEST-5-MCECTEST_ENABLED: MCECTEST Enabled

Explanation MCECTEST Service enabled

Recommended Action No action is required.

MCECTEST-6

Error Message MCECTEST-6-INTERNAL_INFO: [chars]

Explanation MCECTEST got an internal info [chars]

Recommended Action No action is required.

MCM Messages

This section contains the MCM messages.

MCM-5

Error Message MCM-5-MCM_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

Explanation SDB updated failed for MCM

Recommended Action No action is required.

MFDM Messages

This section contains the MFDM messages.

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MFDM-2

Error Message MFDM-2-INTERNAL_ERROR: MFDM-[chars] Internal error : show system internal mfdm errors for more information

Explanation MFDM PD hit a internal error. show system internal mfdm errors for futher analysis.

Recommended Action No action is required.

MODULE Messages

This section contains the MODULE messages.

MODULE-2

Error Message MODULE-2-LCM_PRE_UPGRADE_GENERAL_FAIL: Pre upgrade message fails seq [dec]

Explanation Pre upgrade message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_DONE_GENERAL_FAIL: Upgrade done message fails SAP [chars]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_OVER_FAIL: Upgrade over message returned [dec] [hex] for SAP [dec]

Explanation Upgrade done message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_READY_FAIL: Upgrade ready message returned [dec] [hex] for SAP [dec]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

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Error Message MODULE-2-LCM_UPGRADE_READY_GENERAL_FAIL: Upgrade ready message fails
SAP [chars]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message MODULE-2-MOD_DIAG_FAIL: Module [dec] (serial: [chars]) reported
failure [chars] due to [chars] in device [dec] (device error [hex])

Explanation The module in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_DNLD_FAIL: Image download failed for module [dec]
(serial: [chars])

Explanation Module [decimal digit] failed to download a new image from the supervisor.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_FAIL: Initialization of module [dec] (serial: [chars])
failed

Explanation Module [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module _internal all module <module number>'.

Error Message MODULE-2-MOD_MAJORSWFAIL: Module [dec] (serial: [chars]) reported a
critical failure in service [chars]

Explanation A critical failure in service [string] happened at module [decimal digit] is going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_MINORSWFAIL: Module [dec] (serial: [chars]) reported a
failure in service [chars]

Explanation A non-critical failure in service [string] happened at module [decimal digit] is not going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

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Error Message MODULE-2-MOD_NOT_ALIVE: Module [dec] not responding... resetting (serial: [chars])

Explanation Module [decimal digit] is not replying to the hello message: module manager is then going to reset the module.

Recommended Action No action is required.

Error Message MODULE-2-MOD_REGFAILED: Registration failed for module [dec]

Explanation Module [decimal digit] sent the registration message notifying a failure.

Recommended Action Collect module internal information by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_SOMEPORTS_FAILED: Module [dec] (serial: [chars]) reported failure on ports [dec]/[dec] - [dec]/[dec] ([chars]) due to [chars] in device [dec] (error [hex])

Explanation Module [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_UNKNOWN: Module type [[dec]] in slot [dec] is not supported

Explanation The software card id of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands 'show module internal all module [decimal digit]'

Error Message MODULE-2-XBAR_DIAG_FAIL: Xbar [dec] (serial: [chars]) reported failure [chars] due to [chars] in device [dec] (device error [hex])

Explanation The xbar in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message MODULE-2-XBAR_FAIL: Initialization of xbar [dec] (serial: [chars]) failed

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module _internal all xbar <module number>'.

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Error Message MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (serial: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [dec] (error [hex])

Explanation Xbar [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message MODULE-2-XBAR_UNKNOWN: Xbar type [[dec]] in slot [dec] is not supported

Explanation The software card id of xbar [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands 'show module internal all xbar [decimal digit]'.

MODULE-3

Error Message MODULE-3-MOD_SRG_NOT_COMPATIBLE: Module [dec] (serial: [chars]) firmware is not compatible with supervisor, downloading new image

Explanation The software version of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

MODULE-4

Error Message MODULE-4-MOD_WARNING: Module [dec] (serial: [chars]) reported warning [chars] due to [chars] in device [dec] (device error [hex])

Explanation Module [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-4-XBAR_WARNING: Xbar [dec] (serial: [chars]) reported warnings on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [dec] (device error [hex])

Explanation Xbar [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

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MODULE-5

Error Message MODULE-5-ACTIVE_SUP_OK: Supervisor [dec] is active (serial: [chars])

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-LCM_MODULE_UPGRADE_END: Upgrade of module [dec] ended

Explanation Upgrade of the module has ended.

Recommended Action No action is required.

Error Message MODULE-5-LCM_MODULE_UPGRADE_START: Upgrade of module [dec] started

Explanation Upgrade of the module has been started by installer

Recommended Action No action is required.

Error Message MODULE-5-MOD_OK: Module [dec] is online (serial: [chars])

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-MOD_REINIT: Re-initializing module [dec] (serial: [chars])

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all module <module number>'.

Error Message MODULE-5-MOD_RESTART: Module [dec] is restarting after image download

Explanation Module [decimal digit] completed image download and is restarting.

Recommended Action No action is required.

Error Message MODULE-5-MOD_STARTUP_CFG_MISMATCH: The startup configuration cannot be applied to a different module type for module [dec] (serial: [chars]). [chars] module is replacing [chars].

Explanation The startup configuration for module [decimal digit] contains information about a different type of module instead of containing information about the current one.

Recommended Action No action is required.

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Error Message MODULE-5-STANDBY_SUP_OK: Supervisor [dec] is standby

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-XBAR_OK: Xbar [dec] is online (serial: [chars])

Explanation Xbar [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-XBAR_REINIT: Re-initializing xbar [dec] (serial: [chars])

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all xbar <module number>'.

MODULE-6

Error Message MODULE-6-MOD_PURGE_CONFIG: Purging the configuration for module [dec]

Explanation Notification is being sent to remove the module configurations.

Recommended Action No action is required.

Error Message MODULE-6-MOD_REG_OK: Registration succeeded for module [dec]

Explanation Module [decimal digit] sent a successful registration message.

Recommended Action No action is required.

MONITOR Messages

This section contains the MONITOR messages.

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MONITOR-3

Error Message MONITOR-3-ETH_SPAN_CFG_DEST_IF_MEMBER_SRC_PROFILE: ERROR: Interface [[chars]] configured in session [[dec]] and being inherited by port profile [[chars]] in another session

Explanation An interface is configured as destination and source at the same time (one as being inherited by a port-profile and the other as being directly configured as a source/destination of a session. This may result of monitor traffic loss in the interface. Please remove the interface from the port profile or from the monitor session.

Recommended Action No action is required.

MONITOR-5

Error Message MONITOR-5-ETH_SPAN_SESSION_DOWN: Session [dec] is down. Reason [chars]

Explanation Session is down, no further traffic will be spanned.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_ERROR: Session [dec] is having error. Reason [chars]

Explanation The session is experiencing a problem.

Recommended Action Delete the session and try to reconfigure it

Error Message MONITOR-5-ETH_SPAN_SESSION_UP: Session [dec] is up.

Explanation Session is up now. You can monitor Spanned traffic at the destination ports

Recommended Action No action is required.

MONITOR-6

Error Message MONITOR-6-ETH_SPAN_SESSION_CREATED: Session [dec] created

Explanation A new span session has been created.

Recommended Action No action is required.

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Error Message MONITOR-6-ETH_SPAN_SESSION_DELETED: Session [dec] deleted

Explanation Session has been deleted.

Recommended Action No action is required.

NFM Messages

This section contains the NFM messages.

NFM-2

Error Message NFM-2-COMMIT_FAIL: Commit failed: client [hex], [chars]

Explanation The DDB commit failed

Recommended Action No action is required.

Error Message NFM-2-DDB_FAILURE: DDB failure: [chars]

Explanation A DDB generated failure

Recommended Action No action is required.

Error Message NFM-2-EXITING: Exit reason: [chars]

Explanation The NFM service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message NFM-2-INIT_FAIL: NFM Service Init failed: [chars]

Explanation NFM Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message NFM-2-MALLOC_ERROR: Function [chars]: Size [dec] bytes

Explanation The NFM service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message NFM-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The NFM service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message NFM-2-VERIFY_FAIL: Verify failed - Client [hex], Reason: [chars], Interface: [chars]

Explanation The DDB Verify failed

Recommended Action No action is required.

NFM-3

Error Message NFM-3-DDB_ERROR: DDB error: [chars]

Explanation The DDB generated error

Recommended Action No action is required.

Error Message NFM-3-FEATURE_MANAGER_ERROR: [chars]: An error occurred processing a Feature Manager msg - error [chars]

Explanation An error occurred while processing a message from FEATURE Manager

Recommended Action No action is required.

Error Message NFM-3-HANDLE_IN_USE: [chars]: name: [chars]

Explanation The NFM service encountered a handle that was in use while reading a persistent storage database.

Recommended Action No action is required.

Error Message NFM-3-INVALID_HANDLE: [chars]: handle =[hex]

Explanation The NFM service encountered an invalid handle in a persistent storage database.

Recommended Action No action is required.

Error Message NFM-3-MONITOR_NOT_FOUND: Monitor with handle [hex] from source [hex]

Explanation An Export Msg from a Linecard contained an invalid Monitor handle

Recommended Action No action is required.

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Error Message NFM-3-MTS_ERROR: NFM encountered the following MTS error: [chars]

Explanation NFM Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message NFM-3-NFM_DDB_ERROR: DDB error: [chars]

Explanation The DDB generated error

Recommended Action No action is required.

Error Message NFM-3-PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The NFM service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message NFM-3-VLAN_PARSE_ERROR: [chars]: An error occurred processing a VLAN Mgr Parse msg [hex]

Explanation An error occurred while processing a message from VLAN Manager

Recommended Action No action is required.

NFM-4

Error Message NFM-4-DDB_WARNING: DDB warning: [chars]

Explanation The DDB generated warning

Recommended Action No action is required.

Error Message NFM-4-LICENSE_EXPIRED: The License has expired.

Explanation The NFM service requires a License to run and exits when the License expires.

Recommended Action No action is required.

Error Message NFM-4-NFM_DDB_WARNING: DDB warning: [chars]

Explanation The DDB generated warning

Recommended Action No action is required.

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Error Message NFM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the NFM service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

NFM-5

Error Message NFM-5-FEATURE_DISABLED: NetFlow Disabled.

Explanation NetFlow Feature Disabled.

Recommended Action No action is required.

Error Message NFM-5-FEATURE_ENABLED: NetFlow Enabled.

Explanation NetFlow Feature Enabled.

Recommended Action No action is required.

NFM-6

Error Message NFM-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The NFM service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message NFM-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The NFM service became standby from active mode.

Recommended Action No action is required.

Error Message NFM-6-DDB_NOTIF: DDB notification: [chars]

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message NFM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The NFM service was unable to send heartbeat to the system manger

Recommended Action No action is required.

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Error Message NFM-6-NFM_DDB_NOTIF: DDB notification: [chars]

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message NFM-6-SERVICE_UP: Initialized [chars]

Explanation The NFM service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message NFM-6-SRV_EXIT: NFM Service shutting down gracefully

Explanation NFM Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message NFM-6-SWITCH_OVER: Switching Over to other Sup.

Explanation The NFM service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

NFM-7

Error Message NFM-7-DEBUG: [chars]

Explanation Debug information is being sent to syslog

Recommended Action No action is required.

NFP Messages

This section contains the NFP messages.

NFP-SLOT#-2

Error Message NFP-SLOT#-2-NF_ACL_ERR: [chars] ([dec]): acl error. [chars]

Explanation Acl error

Recommended Action No DDTS.

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Error Message NFP-SLOT#-2-NF_DDB_ERR: [chars] ([dec]): ddb error. [chars]

Explanation Ddb error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NFP-SLOT#-2-NF_ERR: [chars] ([dec]): nfp error. [chars]

Explanation Nfp error occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NFP-SLOT#-2-NF_FIB_ERR: [chars] ([dec]): fib error. [chars]

Explanation Fib error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_NDE_ERR: [chars] ([dec]): nde error. [chars]

Explanation Nde error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_NFM_ERR: [chars] ([dec]): nfm error. [chars]

Explanation Nfm error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_QOS_ERR: [chars] ([dec]): qos error. [chars]

Explanation Qos error

Recommended Action No DDTS.

NPC Messages

This section contains the NPC messages.

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NPC-SLOT#-3

Error Message NPC-SLOT#-3-LOG_NPC_ERR: Nonrecoverable error: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

NPC-SLOT#-4

Error Message NPC-SLOT#-4-LOG_NPC_WARNING: Serious error: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

NPC-SLOT#-5

Error Message NPC-SLOT#-5-LOG_NPC_DEBUG: Unexpected error: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message NPC-SLOT#-5-LOG_NPC_NVP_FSM: Illegal event received: [chars]

Explanation Illegal event received in NPC_NVP FSM

Recommended Action No action is required.

Error Message NPC-SLOT#-5-LOG_NPC_VSAN_FSM: Illegal event received: [chars]

Explanation Illegal event received in NPC_VSAN FSM

Recommended Action No action is required.

NPV Messages

This section contains the NPV messages.

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NPV-2

Error Message NPV-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of NPV was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. It is recommended that the user abort this CFS session using `ivr abort` command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message NPV-2-NPV_DISABLE_FAILED: NPV could not disabled : [chars] [chars]

Explanation NPM could not disabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message NPV-2-NPV_ENABLE_FAILED: NPV could not enabled : [chars] [chars]

Explanation NPM could not enabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message NPV-2-NPV_EXITED: NPV process exited in file [chars] at Line [chars]: [chars]

Explanation NPM process encountered a critical error as specified, and so NPV process cannot continue.

Recommended Action No action is required.

NPV-3

Error Message NPV-3-ACL_UPDATE_FAILED: [chars]

Explanation ACL update request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-CFS_INVALID_PAYLOAD_RECEIVED: NPV received invalid payload from CFS

Explanation NPV process received invalid payload from CFS.

Recommended Action No action is required.

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Error Message NPV-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_PARTIALLY_FAILED: [chars]

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-FC2_SEND_FAILED: [chars]

Explanation NPV process could send an FC2 message.

Recommended Action No action is required.

Error Message NPV-3-F_RJT_SENT: [chars]

Explanation NPV process sent an F_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-INTERNAL_ERROR: Internal error: [chars]

Explanation NPV process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

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Error Message NPV-3-LCP_PROGRAMMING_FAILED: [chars]

Explanation LCP programming request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-LS_RJT_RCVD: [chars]

Explanation NPV process received an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-LS_RJT_SENT: [chars]

Explanation NPV process sent an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-MALLOC_FAILED: [chars]

Explanation NPV process could not allocate memory

Recommended Action No action is required.

Error Message NPV-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-MERGE_FAILED: [chars]

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message NPV-3-MTS_SEND_FAILED: [chars]

Explanation NPV process could not send an MTS message.

Recommended Action No action is required.

Error Message NPV-3-NPIV_DISABLE_FAILED: [chars]

Explanation NPIV feature could not be disabled.

Recommended Action No action is required.

Error Message NPV-3-NPV_CFS_IPV4_ENABLE_FAILED: CFS IPv4 distribution enable failed because [chars]

Explanation NPV CFS distribution might not work. Try enabling it again on the command line. Make sure cfs distribution is enabled.

Recommended Action No action is required.

Error Message NPV-3-PORT_BRINGUP_FAILED: [chars]

Explanation NPV process has failed to bringup the port

Recommended Action No action is required.

Error Message NPV-3-PORT_REINIT_FAILED: [chars]

Explanation Port reinit request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

NPV-4

Error Message NPV-4-NPV_NPIV_NOT_ENABLED_ON_UPSTREAM_SWITCH: [chars]

Explanation This syslog is printed when the external interface fails to come up due to NPIV feature not enabled on the upstream switch.

Recommended Action Verify and enable NPIV feature in upstream switch.

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Error Message NPV-4-NPV_PORT_VSAN_MISMATCH_ON_UPSTREAM_LINK: [chars]

Explanation This syslog is printed when the external interface fails to come up due to upstream port VSAN mis-match with the upstream switch.

Recommended Action Make sure port VSAN is same on both sides of this external link

NPV-5

Error Message NPV-5-ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]

Explanation An assertion failed in NPV code

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_AUTO_ASSIGNED: A virtual port WWN [chars] has been automatically assigned to interface [chars]

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_MANUALLY_ASSIGNED: A virtual port WWN [chars] has been manually assigned to interface [chars]

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_UNASSIGNED: The virtual port WWN has been unassigned from interface [chars]

Explanation The physical port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FRAME_DISCARDED: [chars]

Explanation NPV process discarded an FC2 frame.

Recommended Action No action is required.

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Error Message NPV-5-NPV_LOAD_BALANCE_REINIT: Server ports reinitialized : [chars]

Explanation Server ports are reinitialized to balance the loads on the external interfaces.

Recommended Action No action is required.

Error Message NPV-5-UNEXPECTED_EVENT: [chars]

Explanation NPV process has received an unexpected event in the current state.

Recommended Action No action is required.

NPV-6

Error Message NPV-6-ABTS_SENT: [chars]

Explanation NPV process sent an ABTS frame.

Recommended Action No action is required.

Error Message NPV-6-ELS_CMD_SENT_TO_CORE: [chars]

Explanation NPV process sent an ELS frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-ELS_CMD_SENT_TO_SRV: [chars]

Explanation NPV process sent an ELS frame to the server.

Recommended Action No action is required.

Error Message NPV-6-EXT_IF_SELECTED: [chars]

Explanation NPV process has selected an external interface to forward either all frames received on a server interface or frames received from a specific port WWN.

Recommended Action No action is required.

Error Message NPV-6-FABRIC_PROXY_LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame to the device as the corresponding external interface went down.

Recommended Action No action is required.

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Error Message NPV-6-FDISC_RCVD: [chars]

Explanation NPV process received an FDISC frame.

Recommended Action No action is required.

Error Message NPV-6-FDISC_SENT: [chars]

Explanation NPV process sent an FDISC frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-FLOGI_RCVD: [chars]

Explanation NPV process received an FLOGI frame.

Recommended Action No action is required.

Error Message NPV-6-INTERNAL_FLOGI_SENT: [chars]

Explanation NPV process sent an internal FLOGI frame to the core switch on an external interface.

Recommended Action No action is required.

Error Message NPV-6-LOGO_RCVD: [chars]

Explanation NPV process received a LOGO frame.

Recommended Action No action is required.

Error Message NPV-6-LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame.

Recommended Action No action is required.

Error Message NPV-6-LS_ACC_RCVD: [chars]

Explanation NPV process received an LS_ACC frame.

Recommended Action No action is required.

Error Message NPV-6-LS_ACC_SENT: [chars]

Explanation NPV process sent an LS_ACC frame.

Recommended Action No action is required.

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Error Message NPV-6-MTS_NOTIF_RCVD: [chars]

Explanation NPV process received an MTS notification.

Recommended Action No action is required.

Error Message NPV-6-MTS_NOTIF_SENT: [chars]

Explanation NPV process sent an MTS notification.

Recommended Action No action is required.

Error Message NPV-6-MTS_REQ_RCVD: [chars]

Explanation NPV process received an MTS request.

Recommended Action No action is required.

Error Message NPV-6-MTS_REQ_SENT: [chars]

Explanation NPV process sent an MTS request.

Recommended Action No action is required.

Error Message NPV-6-MTS_RESP_RCVD: [chars]

Explanation NPV process received an MTS response.

Recommended Action No action is required.

Error Message NPV-6-MTS_RESP_SENT: [chars]

Explanation NPV process sent an MTS response.

Recommended Action No action is required.

Error Message NPV-6-NPIV_DISABLED: [chars]

Explanation NPIV feature has been disabled.

Recommended Action No action is required.

Error Message NPV-6-NPIV_ENABLED: [chars]

Explanation NPIV feature has been enabled.

Recommended Action No action is required.

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Error Message NPV-6-NPV_ENABLE_DISABLE_IN_PROGRESS: [chars]

Explanation NPV feature enable/disable is in progress. This syslog is printed at the beginning of various significant phases.

Recommended Action No action is required.

Error Message NPV-6-NPV_LOAD_BALANCE_TIMER_START: (Re)starting automatic load balancing timer for [dec] seconds

Explanation Timer started for upon external interface up or server interface down. When the timer goes off some of the server interfaces may be reinitialized to evenly distribute the server interfaces amongst the eligible external interfaces.

Recommended Action No action is required.

Error Message NPV-6-SERVER_PROXY_LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame to the core switch as the server interface went down.

Recommended Action No action is required.

NPV-7

Error Message NPV-7-CFS_REQ_RCVD: [chars]

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message NPV-7-CFS_RESP_SENT: [chars]

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

NTP Messages

This section contains the NTP messages.

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NTP-2

Error Message NTP-2-NTP_SYSLOG_CRIT_ERR: : [chars]

Explanation NTP syslog Critical Error : [chars].

Recommended Action No action is required.

Error Message NTP-2-NTP_SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation NTP Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message NTP-2-NTP_SYSLOG_NO_RESP_FROM_LC: from LC[dec] for [chars]

Explanation NTP did not receive response from the linecard for the request sent.

Recommended Action No action is required.

NTP-3

Error Message NTP-3-NTP_SYSLOG_ALLOC_FAIL: : [chars]

Explanation NTP syslog allocation failed : [chars].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_ERR_EXT: : [chars] [chars]

Explanation NTP syslog Error Exit : [chars] [dec].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_ERR: : [chars]

Explanation NTP syslog Error : [chars].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_MTS_ERR: : [chars]

Explanation NTP MTS Error : [chars].

Recommended Action No action is required.

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NTP-6

Error Message NTP-6-NTP_SYSLOG_CREATED: : [chars]; Slot No: [dec]

Explanation NTP syslog created : [chars] [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_EXIT: : [chars]

Explanation NTP syslog Exit : [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_LOGGING: : [chars]

Explanation NTP logging : [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_WARN: : [chars]

Explanation NTP syslog Warning : [chars].

Recommended Action No action is required.

NVP Messages

This section contains the NVP messages.

NVP-6

Error Message NVP-6-NVP_INFO: [chars]

Explanation NVP daemon informational message

Recommended Action No action is required.

Error Message NVP-6-STARTING: daemon started

Explanation The NVP daemon successfully started

Recommended Action No action is required.

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NVP-SLOT#-2

Error Message NVP-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

OC_USD Messages

This section contains the OC_USD messages.

OC_USD-2

Error Message OC_USD-2-RF_CRC: [chars]

Explanation Octopus received packets with CRC error from fabric

Recommended Action No action is required.

ORI_MAC Messages

This section contains the ORI_MAC messages.

ORI_MAC-6

Error Message ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

OTM Messages

This section contains the OTM messages.

OTM-2

Error Message OTM-2-OTM_EEM_FAIL: OTM failed to register with EEM

Explanation OTM process failed to register with eem, exiting now

Recommended Action No action is required.

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OTM-3

Error Message OTM-3-OTM_ERROR: [chars] [chars]

Explanation [chars1][chars2]

Recommended Action No action is required.

OTM-5

Error Message OTM-5-OTM_OBJECT_STATUS: Status of tracking object [dec] changed to [chars]

Explanation Status of tracking object [dec] changed to [chars]

Recommended Action No action is required.

OTM-6

Error Message OTM-6-OTM_EXITED: OTM process exited

Explanation OTM process is terminated

Recommended Action No action is required.

Error Message OTM-6-OTM_OBJ_ADD: : Tracking object [dec] configured, status of the object [chars]

Explanation Tracking Object [dec] configured, status of the object [chars]

Recommended Action No action is required.

Error Message OTM-6-OTM_OBJ_REM: : Tracking object [dec] removed

Explanation Tracking Object [dec] removed

Recommended Action No action is required.

Error Message OTM-6-OTM_STARTED: OTM process started

Explanation OTM process is up and running

Recommended Action No action is required.

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Error Message OTM-6-OTM_TRACK_START: Client started tracking object [dec]

Explanation Client has started tracking object [dec]

Recommended Action No action is required.

Error Message OTM-6-OTM_TRACK_STOP: Client stopped tracking object [dec]

Explanation Client has stopped tracking object [dec]

Recommended Action No action is required.

PHY_USD Messages

This section contains the PHY_USD messages.

PHY_USD-SLOT#-4

Error Message PHY_USD-SLOT#-4-LOG_PHY_ISSU_LINK_ST_CHNG: Port [dec]: link state during ISSU

Explanation Port Link status changed while performing an In Service System Upgrade. Disabling the port.

Recommended Action No action is required.

PIXM Messages

This section contains the PIXM messages.

PIXM-2

Error Message PIXM-2-PIXM_CRIT: [chars]

Explanation PIXM or other application had critical error

Recommended Action No action is required.

PIXM-3

Error Message PIXM-3-PIXM_ERR: [chars]

Explanation PIXM or other application had some error

Recommended Action No action is required.

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Error Message PIXM-3-PIXM_FAILURE: PIXM / PIXMC ERROR, [chars]

Explanation PIXMC or other application did not respond with a timelimit or something bad happened

Recommended Action No action is required.

Error Message PIXM-3-PIXM_SYSLOG_UPGRADE_OVER: [chars]

Explanation PIXM received UPGRADE_OVER before receiving UPGRADE_READY for slot:[dec]

Recommended Action No action is required.

PIXM-4

Error Message PIXM-4-PIXM_SEND_FAILURE: PIXM SEND FAILURE, [chars]

Explanation PIXM was not able to send to PIXMC or other application

Recommended Action No action is required.

Error Message PIXM-4-PIXM_VDC_CLEANUP: VDC Cleanup, [chars]

Explanation Application like PC, MD, Mcast should have cleaned up the LTL for VDC Graceful cleanup

Recommended Action No action is required.

Error Message PIXM-4-PIXM_WARN: [chars]

Explanation PIXM or other application had some minor issues

Recommended Action No action is required.

PLATFORM Messages

This section contains the PLATFORM messages.

PLATFORM-0

Error Message PLATFORM-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock- [dec]

Explanation Clock module on chassis detected a failure and switched to redundant clock module.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-0-CHASSIS_CLKSWRESET: Switch reset due to clock switch

Explanation Chassis clock source has failed and system will be reset. System will automatically start using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message PLATFORM-0-CHASSIS_CLKSW_MODULE_RESET: Modules reset due to clock switch

Explanation Chassis clock source has switched and all Vegas line cards will be reset. System will automatically continue using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message PLATFORM-0-FAIL_REMOVED: Fan module removed. Fan[dec] has been absent for [dec] seconds

Explanation Fan module is removed. This could lead to temperature alarms.

Recommended Action Replace the fan module ASAP.

Error Message PLATFORM-0-MOD_TEMPMAJALRM: [chars] reported Major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]

Explanation Module in slot [decimal digit] exceeded major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-0-MOD_TEMPshutdown: [chars] powered down due to major temperature alarm for Sensor [dec].

Explanation Module in slot [decimal digit] shutdown due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-0-PFM_EMERGENCY: [chars]

Explanation Platform Emergency

Recommended Action No action is required.

Error Message PLATFORM-0-SUP_SPROM_ERROR: Unable to read SPROM for Sup in slot [dec]

Explanation The supervisor in slot [decimal digit] was not able to read its SPROM.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-0-SUP_WRONGSLOTNUM: Supervisor powered up in WRONG SLOT:[dec] (Serial number [chars])

Explanation The supervisor is coming up in wrong slot [decimal digit].

Recommended Action No action is required.

Error Message PLATFORM-0-SYS_LC_DRIVER_LOAD_FAILED: Failed to load linecard module drivers

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image.

Error Message PLATFORM-0-SYS_RESET: [chars] System shutdown in [dec] seconds

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-0-SYS_SHUTDOWN_FAN_REMOVAL: System shutdown in [dec] seconds due to fan removal

Explanation System shutdown in [decimal digit] seconds due to removal of fan module.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message PLATFORM-0-SYS_SHUTDOWN_MDS9124_FAN_FAIL: System shutdown in [dec] seconds due to less than 4 fans operating.

Explanation System shutdown in [decimal digit] seconds due to less than 4 fans operating.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message PLATFORM-0-SYS_SHUTDOWN: System shutdown in [dec] seconds due to major temperature alarm

Explanation System shutdown in [decimal digit] seconds due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-0-SYS_SUP_DRIVER_LOAD_FAILED: Failed to load supervisor module drivers

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-0-XBAR_CARD_CLK_FAIL: Xbar card in slot:[dec] (Serial number [chars]) encountered clock failure

Explanation The xbar in slot [decimal digit] encountered clock failure.

Recommended Action No action is required.

Error Message PLATFORM-0-XBAR_CARD_INCOMPAT_CHASSIS: Xbar card in slot:[dec] (Part number [chars]) Incompatible with backplane chassis Part Num:[chars]

Explanation The xbar in slot [decimal digit] is incompatible with backplane chassis.

Recommended Action No action is required.

Error Message PLATFORM-0-XBAR_WRONGSLOTNUM: Xbar powered up in WRONG SLOT:[dec] (Serial number [chars])

Explanation The xbar in slot [decimal digit] powered up in wrong slot.

Recommended Action No action is required.

PLATFORM-1

Error Message PLATFORM-1-FABRIC_SWITCH_FAN_FAIL: Less than 4 required fans operating.

Explanation Fan module has failed leaving less than 4 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-1-FAN_FAIL: Fan module Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-1-PS_SINGLE_INPUT: Both power inputs are connected for Power supplies, remove single-input configuration for optimal power usage

Explanation Current power supply redundancy mode may not be optimal

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message PLATFORM-1-XBAR_PWRDENY: Xbar [dec] can not be powered up due to insufficient power (Serial number [chars])

Explanation Available power in power supplies is not sufficient to power up the xbar

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

PLATFORM-2

Error Message PLATFORM-2-9134_FAN_FAIL: Fan module [dec] Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-2-9134_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-CASA_FAN_FAIL: Fan module [dec] Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-2-CASA_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-CHASSIS_CLKMODFAULTY: Chassis clock module [dec] faulty

Explanation Clock module on chassis is faulty or has been removed.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-CHASSIS_CLKMODOK: Chassis clock module [dec] ok

Explanation Clock module on chassis is functioning properly.

Recommended Action No action is required.

Error Message PLATFORM-2-CHASSIS_CLKSRC: Current chassis clock source is clock- [dec]

Explanation The current chassis clock source is [decimal digit].

Recommended Action No action is required.

Error Message PLATFORM-2-FANLET_FAN_FAIL: Failed Fanlets for Fan [dec] ([chars] fan) : [chars]

Explanation The specified fanlets have failed. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-2-FANMOD_FAN_FAIL: Fan module [dec] ([chars] fan) Failed/Removed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-2-FANMOD_FAN_OK: Fan module [dec] ([chars] fan) ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_OK: Fan module ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_REMOVED: Fan module [dec] (Serial number [chars]) [chars] removed

Explanation Fan module is removed

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-MOD_ALL_PWRDN_NOXBAR: All modules powered down due to non-availability of xbar modules

Explanation All modules in switch are powered down because all xbar modules are offline

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors. Atleast one xbar module has to be for modules to function

Error Message PLATFORM-2-MOD_DETECT: Module [dec] detected (Serial number [chars])
Module-Type [chars] Model [chars]

Explanation A new module in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message PLATFORM-2-MOD_PWRDENY: Module [dec] can not be powered up due to insufficient power (Serial number [chars])

Explanation Available power in power supplies is not sufficient to power up the module

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

Error Message PLATFORM-2-MOD_PWRDN: Module [dec] powered down (Serial number [chars])

Explanation The module in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message PLATFORM-2-MOD_PWRFAIL_EJECTORS_OPEN: Both ejectors open, Module [dec] will not be powered up (Serial number [chars])

Explanation The module can not be powered up because both ejectors are open

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-MOD_PWRFAIL: Module [dec] failed to power up (Serial number [chars])

Explanation The module in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message PLATFORM-2-MOD_PWRIDPROMFAIL: Module [dec] failed to power up due to IDPROM read error

Explanation The module can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-2-MOD_PWRIDPROM_SW_CARD_ID_UNKNOWN: Module [dec] failed to power up. (Unknown card. Could not get software-card-id)

Explanation The module can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-2-MOD_PWRUP_XBAR: Modules powered up due to xbar availability

Explanation Modules powered up because atleast one xbar module is online

Recommended Action No action needed

Error Message PLATFORM-2-MOD_PWRUP: Module [dec] powered up (Serial number [chars])

Explanation The module in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message PLATFORM-2-MOD_REMOVE: Module [dec] removed (Serial number [chars])

Explanation The module in slot [decimal digit] has been removed.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-MOD_TEMPMAJOR_OK: [chars] recovered from major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]

Explanation Module in slot [decimal digit] major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPMINALRM: [chars] reported minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] has exceeded minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMP_OK: [chars] recovered from minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-2-MOD_TEMPRECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] MinThresh=[dec]

Explanation Module in slot [decimal digit] recovered from major temperature threshold. Minor threshold still exceeded.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-2-PFM_CRITICAL: [chars]

Explanation Platform Critical

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_FATW_BUS_SWITCH_FAIL: Backplane two wire [chars] bus connection fault detected but failed to perform bus switchover(BUS_A to BUS_B)

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Error Message PLATFORM-2-PFM_FATW_BUS_SWITCH: Backplane two wire [chars] bus connection or device fault caused bus switchover(BUS_A to BUS_B)

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-PFM_IMG_CMPT_FAIL: Image version is not supported in this chassis.

Explanation This image version is not supported in this chassis.

Recommended Action Sup-platform

Error Message PLATFORM-2-PFM_LC_BOOT_DEV_ABSENT: No bootflash found in Module [dec]

Explanation No bootflash found.

Recommended Action Try to put in a bootflash in the module and try again.

Error Message PLATFORM-2-PFM_LC_BOOT_DEV_FAIL: Bootflash access error in Module [dec]

Explanation Bad bootflash/corrupted filesystem.

Recommended Action Try to put in a known good bootflash in the module and try again.

Error Message PLATFORM-2-PFM_LC_MOD_POWERED_DOWN: Module [dec] Powered Down. Module is not supported in this chassis. (Chassis Incompatible card)

Explanation Module Powered Down, because Module is not supported in this chassis. (Chassis Incompatible card)

Recommended Action Please perform a 'show module' to see the Power Down reason.

Error Message PLATFORM-2-PFM_LC_NETBOOT_FAIL: Netboot for Module [dec] failed

Explanation Netboot failed.

Recommended Action Try to replace the BIOS in the module.

Error Message PLATFORM-2-PFM_LC_REGISTRATION_FAIL: Could not register with Module [dec]

Explanation Module registration failed.

Recommended Action Try to replace the module.

Error Message PLATFORM-2-PFM_LC_STATUS: Module [dec] powered up with [dec] status

Explanation Status for the module that failed registration.

Recommended Action Try to replace the module.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-PFM_LOW_MEMORY_CONDITION: Module [dec] is running low on memory. %ld percent used

Explanation Supervisor is running low on memory

Recommended Action Switchover

Error Message PLATFORM-2-PFM_MODULE_POWER_OFF_TRIGGER: Power-off [chars] due to [chars] policy trigger

Explanation Policy trigger initiated a module poweroff

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_MODULE_POWER_OFF: Manual power-off of [chars] from Command Line Interface

Explanation User initiated a module power-off from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_MODULE_POWER_ON: Manual power-on of [chars] from Command Line Interface

Explanation User initiated a module power-on from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_MODULE_RESET: Manual restart of Module [dec] from Command Line Interface

Explanation User initiated a module reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_NETBOOT_DISABLE: Netboot for supervisor module in slot [dec] is disabled due to incompatible platform

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-PFM_PWR_MGMT_EPLD_VER_MISMATCH: Module [dec] Pwr Mgmt Epld (Version-[dec]) needs to be upgraded

Explanation Using a wrong version of Epld version can result in unexplainable behaviour

Recommended Action Upgrade Power Management EPLD

Error Message PLATFORM-2-PFM_STDBY_POWERUP_FAIL: standby supervisor failed to powerup

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_SYSTEM_RESET: Manual system restart from Command Line Interface

Explanation User initiated a system reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_XBAR_RESET: Manual restart of Xbar [dec] from Command Line Interface

Explanation User initiated a xbar reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-PLUGIN_ABSENT: Module in slot [dec] (sw_card_id=[dec]) has missing plugin

Explanation Plugin not loaded, The LC cannot be poweredup

Recommended Action Load the associated plugin

Error Message PLATFORM-2-PS_ABSENT: Power supply [dec] is absent/shutdown, ps-redundancy might be affected

Explanation Power Supply is absent.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_AC_IN_MISSING: Power supply [dec] present but all AC inputs are not connected, ac-redundancy might be affected

Explanation Power Supply is present but not at full capacity.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to power cable removal/insertion (Serial number [chars])

Explanation Detected power supply capacity change.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message PLATFORM-2-PS_CAPACITY_DIFFER: Detected power supplies with differing capacity. It is recommended to have same capacity for both powersupplies otherwise it may cause service disruptions

Explanation Detected a power supply that has differing capacity than an the otherpower supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message PLATFORM-2-PS_DETECT: Power supply [dec] detected but shutdown (Serial number [chars])

Explanation Power Supply is detected but shutdown.

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Send document comments to nexuslk-docfeedback@cisco.com

Error Message PLATFORM-2-PS_FAIL: Power supply [dec] failed or shut down (Serial number [chars])

Explanation Power Supply has failed or has been shutdown

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information. Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-PS_FANFAIL: Fan in Power supply [dec] failed

Explanation Fan module in the Power Supply has failed

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message PLATFORM-2-PS_FANOK: Fan in Power supply [dec] ok

Explanation Fan module in the Power Supply is ok.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_MISMATCH: Detected power supply [chars]. This reduces the redundant power available to the system and can cause service disruptions (Serial number [chars])

Explanation Detected a new power supply that has reduced capacity than an existing power supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message PLATFORM-2-PS_OK: Power supply [dec] ok (Serial number [chars])

Explanation Power Supply is ok.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_RED_MODE_CHG: Power supply redundancy mode changed to [chars]

Explanation Power supply redundancy mode changed notification

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-PS_REMOVE_LAST: Unexpected removal of last power supply [dec]. (Serial number [chars])

Explanation Unexpected removal the only power supply in the system.

Recommended Action Power supply unit may be faulty. Contact CISCO to replace the unit.

Error Message PLATFORM-2-PS_REMOVE: Power supply [dec] removed (Serial number [chars])

Explanation Power Supply is removed.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_UNKNOWN: Detected an unknown power supply [dec] for CISCO Multilayer Switch (Serial number [chars])

Explanation Unable to determine power supply type. Default power supply types will be assumed.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-PS_UNSUPPORTED: Detected an unsupported power supply [dec] [chars] for CISCO Multilayer Switch (Serial number [chars])

Explanation This power supply is not supported for the CISCO Multilayer Switches.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-SYS_IDPROMBAD_RECOVER_FAIL: Chassis IDPROM [dec] data re-initialization Un-successful. Data is invalid

Explanation Chassis IDPROM [decimal digit] re-initialization was unsuccessful. Data is invalid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message PLATFORM-2-SYS_IDPROMBAD_RECOVER_PASS: Chassis IDPROM [dec] data re-initialized successfully

Explanation Chassis IDPROM [decimal digit] invalid data was successfully re-initialized to valid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and verify the information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-2-SYS_IDPROMBAD: Chassis IDPROM [dec] data invalid

Explanation Chassis IDPROM [decimal digit] contains invalid data.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message PLATFORM-2-XBAR_DETECT: Xbar [dec] detected (Serial number [chars])

Explanation A new xbar in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message PLATFORM-2-XBAR_PWRFAIL_EJECTORS_OPEN: Both ejectors open, Xbar [dec] will not be powered up (Serial number [chars])

Explanation The xbar can not be powered up because both ejectors are open

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-2-XBAR_REMOVE: Xbar [dec] removed (Serial number [chars])

Explanation The xbar in slot [decimal digit] has been removed.

Recommended Action No action is required.

PLATFORM-3

Error Message PLATFORM-3-EJECTOR_STAT_CHANGED: Ejectors' status in slot [dec] has changed, [chars] Ejector is [chars], [chars] Ejector is [chars]

Explanation Ejector status has changed

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-3-MOD_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Module [dec], (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-3-MOD_PWRFAIL_MULTI: Module [dec] failed to power up multiple times (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-3-PFM_ERROR: [chars]

Explanation Platform Error

Recommended Action No action is required.

Error Message PLATFORM-3-XBAR_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Xbar [dec], (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-3-XBAR_PWRFAIL_MULTI: Xbar [dec] failed to power up multiple times (Serial number [chars])

Explanation The xbar can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message PLATFORM-3-XBAR_PWRFAIL: Xbar [dec] failed to power up (Serial number [chars])

Explanation The xbar in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message PLATFORM-3-XBAR_PWRIDPROMFAIL: Xbar [dec] failed to power up due to IDPROM read error

Explanation The xbar can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PLATFORM-3-XBAR_PWRIDPROM_SW_CARD_ID_UNKNOWN: Xbar [dec] failed to power up. (Unknown card. Could not get software-card-id)

Explanation The xbar can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

PLATFORM-4

Error Message PLATFORM-4-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message PLATFORM-4-PFM_FAN_FLTR_STATUS: Fan Filter status: [chars]

Explanation Fan Filter status: Present/Absent

Recommended Action Please perform a 'show platform internal info.

Error Message PLATFORM-4-PFM_PS_RED_MODE_CHG: Power redundancy mode changed to [chars]

Explanation Power redundancy mode changed

Recommended Action Please perform a 'show platform internal info.

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

PLATFORM-5

Error Message PLATFORM-5-FAN_DETECT: Fan module [dec] (Serial number [chars]) [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

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Error Message PLATFORM-5-FAN_STATUS: Fan module [dec] (Serial number [chars]) [chars] current-status is [chars]

Explanation Fan module changed status

Recommended Action No action is required.

Error Message PLATFORM-5-MOD_STATUS: [chars] current-status is [chars]

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message PLATFORM-5-PFM_NOTICE: [chars]

Explanation Platform Notice

Recommended Action No action is required.

Error Message PLATFORM-5-PS_FOUND: Power supply [dec] found (Serial number [chars])

Explanation Power Supply is detected.

Recommended Action No action is required.

Error Message PLATFORM-5-PS_STATUS: PowerSupply [dec] current-status is [chars] [chars]

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message PLATFORM-5-XBAR_PWRDN: Xbar [dec] powered down (Serial number [chars])

Explanation The xbar in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module xbar', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message PLATFORM-5-XBAR_PWRUP: Xbar [dec] powered up (Serial number [chars])

Explanation The xbar in slot [decimal digit] is powered up.

Recommended Action No action is required.

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PLATFORM-6

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

PLATFORM-7

Error Message PLATFORM-7-PFM_CLOCK_UPD_FAIL: Clock update failed due to context-switch delay of [dec] msec

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

PLOG_SUP Messages

This section contains the PLOG_SUP messages.

PLOG_SUP-4

Error Message PLOG_SUP-4-PLOG_SUP_EXIT: Persistent Logger encountered an error [dec] .

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

PLOG Messages

This section contains the PLOG messages.

PLOG-4

Error Message PLOG-4-PLOG_LC_EXIT: Persistent Logger encountered an error [dec]

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

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POLICY_ENGINE Messages

This section contains the POLICY_ENGINE messages.

POLICY_ENGINE-5

Error Message POLICY_ENGINE-5-POLICY_ACTIVATE_EVENT: [chars]

Explanation Policy is activated first time by a security-profile

Recommended Action No action is required.

Error Message POLICY_ENGINE-5-POLICY_COMMIT_EVENT: [chars]

Explanation Policy-Engine updated with up-to-date policy configuration

Recommended Action No action is required.

Error Message POLICY_ENGINE-5-POLICY_DEACTIVATE_EVENT: [chars]

Explanation Policy is de-activated, as it is no longer referenced by any security-profile

Recommended Action No action is required.

POLICY_ENGINE-6

Error Message POLICY_ENGINE-6-POLICY_LOOKUP_EVENT: [chars]

Explanation Policy Lookup event, Policy Evaluation information

Recommended Action No action is required.

PORT-CHANNEL Messages

This section contains the PORT-CHANNEL messages.

PORT-CHANNEL-1

Error Message PORT-CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed
[[chars]]

Explanation Module configuration failed

Recommended Action Module will be automatically reset

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Error Message PORT-CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])

Explanation No enough memory

Recommended Action No action is required.

Error Message PORT-CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for [chars] [[chars]]

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message PORT-CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast [chars]: [chars]

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

PORT-CHANNEL-2

Error Message PORT-CHANNEL-2-AUTO_CREATE_DISABLED: [chars] has been deprecated; [chars] [chars]

Explanation Auto create port-channel is deprecated and disabled

Recommended Action Convert the auto created channel to persistent by doing port-channel <n> persistent

Error Message PORT-CHANNEL-2-RESET_MODULE: reset module [dec] for not responding or returning error

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

PORT-CHANNEL-3

Error Message PORT-CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

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Error Message PORT-CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LACP_ERROR: [chars]

Explanation LACP error

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_TIMEOUT_ENTRY_PORT_ERR_DISABLE: Failed to send LC config due to timeout, Port [chars] Err disabled

Explanation Failed to send a lc_config message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_UCAST_FAILED_PORT_ERR_DISABLE: Failed to send LC config unicast msg, Port [chars] Err disabled

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_UCAST_SEND_FAILURE: Failed to send LC config Unicast msg to slot [dec] node [hex] sap [dec]: [chars]. Resetting LineCard

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

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Error Message PORT-CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

PORT-CHANNEL-4

Error Message PORT-CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars]

Explanation Port is removed from a port-channel because different module was inserted or module config purged

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message PORT-CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message PORT-CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message PORT-CHANNEL-4-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message PORT-CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

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PORT-CHANNEL-5

Error Message PORT-CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-CREATED: [chars] created

Explanation A port-channel is created

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-DELETED: [chars] deleted

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number> greater than [dec] is present

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface> which is greater than 128

Error Message PORT-CHANNEL-5-PORT_ADDED: [chars] added to [chars]

Explanation Ports are added to a port-channel

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PORT_DOWN: [chars]: [chars] is down

Explanation Port goes down in a port-channel

Recommended Action No action is required.

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Error Message PORT-CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PORT_UP: [chars]: [chars] is up

Explanation Port comes up in a port-channel

Recommended Action No action is required.

PORT-CHANNEL-6

Error Message PORT-CHANNEL-6-RESYNC: resyncing [chars] with all modules

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

PORT-CHANNEL-7

Error Message PORT-CHANNEL-7-GSYNC_DONE: global synchronization is done

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-GSYNC_REQ: requesting global synchronization

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_ACTIVE: started in active mode

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_DEFAULT: started with default configuration

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

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Error Message PORT-CHANNEL-7-START_STANDBY: started in standby mode

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_STATEFUL: started statefully

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_STATELESS: started statelessly

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

PORT-PROFILE Messages

This section contains the PORT-PROFILE messages.

PORT-PROFILE-2

Error Message PORT-PROFILE-2-IF_REFRESH_FAILED: Interface Database Refresh failed for [chars]

Explanation Interface Database Refresh failed

Recommended Action No action is required.

Error Message PORT-PROFILE-2-INTERFACE_CMD_FAILURE: Inherit of port-profile [chars] on [chars] has failed with reason: [chars]

Explanation Executing specific cmd on interface failed

Recommended Action No action is required.

Error Message PORT-PROFILE-2-INTERFACE_QUARANTINED: Interface [chars] has been quarantined due to [chars]

Explanation Interface has been quarantined

Recommended Action No action is required.

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PORT-PROFILE-3

Error Message PORT-PROFILE-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation SDM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]

Explanation PPM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-CREATE_IF_FAILED: Running-config collection Failed for intf range [chars]

Explanation Running-config collection failed for :[chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-IF_APPLY_FAILED: Config Apply Failed

Explanation Config Apply Failed

Recommended Action No action is required.

Error Message PORT-PROFILE-3-INTERFACE_NO_SHUTDOWN_FAILED: Interface no shutdown failed for [chars] after profile re-inherit

Explanation Interface could not be unshut after profile re-inherit

Recommended Action No action is required.

Error Message PORT-PROFILE-3-INTERFACE_SHUTDOWN_FAILED: Interface shutdown failed for [chars] after failure to apply commands

Explanation Interface could not be shutdown after failure to apply commands

Recommended Action No action is required.

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Error Message PORT-PROFILE-3-PROFILE_CREATE_FAILED: Port-profile [chars] creation failed with error [chars]

Explanation Port-profile:[chars] creation failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DEINHERIT_FAILED: Port-profile [chars] de-inherit failed with error [chars] on [chars]

Explanation Port-profile:[chars] de-inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DELETE_FAILED: Port-profile [chars] is deletion failed with error [chars]

Explanation Port-profile:[chars] deletion failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DISABLE_FAILED: Port-profile [chars] disable failed with error [chars]

Explanation Port-profile:[chars] disable failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_ENABLE_FAILED: Port-profile [chars] enable failed with error [chars]

Explanation Port-profile:[chars] enable failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_INHERIT_FAILED: Port-profile [chars] inherit failed with error [chars] on [chars]

Explanation Port-profile:[chars] inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

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PORT-PROFILE-6

Error Message PORT-PROFILE-6-PROFILE_CREATED: Port-profile [chars] is created successfully

Explanation Port-profile:[chars] is created

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DEINHERITED: Port-profile [chars] is de-inherited successfully on [chars]

Explanation Port-profile:[chars] is de-inherited on [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DELETED: Port-profile [chars] is deleted successfully

Explanation Port-profile:[chars] is deleted

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DISABLED: Port-profile [chars] is disabled successfully

Explanation Port-profile:[chars] is disabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_ENABLED: Port-profile [chars] is enabled successfully

Explanation Port-profile:[chars] is enabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_INHERITED: Port-profile [chars] is inherited successfully on [chars]

Explanation Port-profile:[chars] is inherited on [:chars]

Recommended Action No action is required.

PORT-RESOURCES Messages

This section contains the PORT-RESOURCES messages.

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PORT-RESOURCES-3

Error Message PORT-RESOURCES-3-PRM_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

PORT-RESOURCES-5

Error Message PORT-RESOURCES-5-INVALID_PORT_ACTIV_PKG_LICENSE_FILE_INSTALLED: Invalid on demand port activation license file is installed for module [dec] (number of port licenses = [dec])

Explanation Interfaces may not acquire port activation licenses during installation

Recommended Action Install a valid port activation license file

PORT-SECURITY Messages

This section contains the PORT-SECURITY messages.

PORT-SECURITY-2

Error Message PORT-SECURITY-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-2-FEATURE_DISABLED: Feature [chars] disabled due to [chars]

Explanation Feature [chars] is unavailable and will be disabled now

Recommended Action Please install the correct license and reenale

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PORT-SECURITY-3

Error Message PORT-SECURITY-3-BINDING_CONFLICT: [chars]

Explanation An already logged in device is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action For port-security, the auto-learn feature can be used with activation to prevent this. This violating device or switch will be logged out

Error Message PORT-SECURITY-3-BINDING_VIOLATION: [chars]

Explanation A login happend that violates PSM binding configurations [chars] indicates the WWN of the login entity

Recommended Action Only entries in the activated database of PSM can login. Change the config and activate it again

Error Message PORT-SECURITY-3-CFS_NOTIF_ERR: [chars]

Explanation An error occurred during the processing of a CFS notification. [chars] indicates the actual cause for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-DB_ERR: [chars]

Explanation An error occurred during an PSM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-EFMD_FC2_OPER_FAILED: [chars]

Explanation EFMD fc2 operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-EFMD_INIT_FAILED: [chars]

Explanation EFMD init failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message PORT-SECURITY-3-EFMD_MERGE_UNKNOWN_FORMAT: [chars]

Explanation Received a corrupted EFMD Request Packet

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-INIT_FAIL: [chars]

Explanation An error happened during PSM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-LEARNT_BINDING_CONFLICT: [chars]

Explanation An already logged in device that is learnt during activation is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action Copy the active-db to config-db and reactivate. Not doing so could result in unexpected login rejects later on that interface.

Error Message PORT-SECURITY-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-PSS_ERR: [chars]

Explanation An error occurred during an PSM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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PORT-SECURITY-4

Error Message PORT-SECURITY-4-ACTIVATION_FAIL: [chars]

Explanation Activation of bindings failed due to [chars]

Recommended Action Correct the error and reactivate it again

PORT-SECURITY-6

Error Message PORT-SECURITY-6-INFO: [chars]

Explanation An event happend that affects PSM. [chars] indicates the event

Recommended Action No action is required.

PORT Messages

This section contains the PORT messages.

PORT-2

Error Message PORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled)

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command 'show port internal all interface [char]'. In most cases, you can recover using following commands 'config terminal', 'interface [char]', 'shutdown', 'no shutdown' on the interface or removing and re-inserting the fibre optic cable

Error Message PORT-2-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

PORT-3

Error Message PORT-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

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Error Message PORT-3-IF_TRANSCEIVER_READ_ERROR: Transceiver read error for interface [chars]

Explanation Transceiver eeprom read failed

Recommended Action Remove and insert the SFP back again. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface [chars] is not supported

Explanation Transceiver is not from an authorized vendor

Recommended Action This command will determine the transceiver being used: show interface transceiver. Please contact customer support for a list of authorized transceiver vendors

PORT-4

Error Message PORT-4-IF_SFP_CLK_RATE_ERROR: SFP clock rate error for interface [chars]

Explanation SFP clock rate mismatch/failed

Recommended Action Remove the SFP and insert a new one with a different frequency type. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message PORT-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message PORT-4-IF_TRUSTSEC_VIOLATION: Interface [chars] encountered port security violation

Explanation The port has detected port security violation

Recommended Action Check port security configs on interface

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PORT-5

Error Message PORT-5-EC_DISABLED_AS_LICENSE_NOT_PRESENT: Extended credit feature has been disabled as Enterprise Package license could not be checked out

Explanation The Enterprise Package license is not available, so the extended credit feature has been disabled even though it was present in startup config

Recommended Action Install the Enterprise Package license and re-enable the extended credit feature

Error Message PORT-5-IF_BRINGUP_ALLOWED_FCOT_CHECKSUM_ERR: Interface [chars] is allowed to come up even with SFP checksum error

Explanation SFP checksum on this interface failed

Recommended Action Try to replace the SFP on this interface

Error Message PORT-5-IF_BRINGUP_FAILED_ALL_ZERO_PEER_WWN_RCVD: Interface [chars], is not allowed to come up (received as all zeros wwn from peer)

Explanation Check peer interface configuration

Recommended Action No action is required.

Error Message PORT-5-IF_BRINGUP_NOT_ALLOWED_PORT_CONFIG_FAILURE: Interface [chars] is not allowed to be operational due to port config failure for reason: [chars] ([hex])

Explanation Check interface configuration

Recommended Action Try to change the configuration on the interface with the current available hardware capability

Error Message PORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform the following commands to bring up the interface: 'config terminal', 'interface [char]', 'no shutdown'

Error Message PORT-5-IF_DOWN_BIT_ERR_RT_THRES_EXCEEDED: Interface [chars] is down (Error disabled - bit error rate too high)

Explanation The port has detected too high bit error rate in frames received from attached device

Recommended Action Check the attached device; replace it if needed

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Error Message PORT-5-IF_DOWN_BUNDLE_MISCFG: Interface [chars] is down (Isolation due to channel mis-configuration on local or remote switch)

Explanation One port across a link is part of a PortChannel while the other is not.

Recommended Action While adding or deleting a member port from a PortChannel, both ports across the link should be added/deleted. No operation should be performed on either ports until they are both added/deleted.

Error Message PORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform the following commands on the PortChannel interface to which it belongs to bring the interface up: 'config terminal', 'interface [char]', 'shutdown', 'no shutdown'

Error Message PORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message PORT-5-IF_DOWN_DENIED_DUE_TO_PORT_BINDING: Interface [chars] is down(Suspended due to port binding)

Explanation The F port is suspended due to being denied by port binding.

Recommended Action Please check the port binding database to allow the host port to log in.

Error Message PORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

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Error Message PORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_NOT_ALLOWED_ISOLATION: Interface [chars] is isolated (domain not allowed)

Explanation There aren't enough allowed domains to merge the VSANs across the link.

Recommended Action Ensure that all assigned domain id's are in the configured allowed domains on both sides of the link.

Error Message PORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DPVM_VSAN_NOT_FOUND: Interface [chars] is down (dynamic vsan not present)

Explanation The specified dynamic vsan is not configured on this switch

Recommended Action Configure the dynamic vsan.

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Error Message PORT-5-IF_DOWN_DPVM_VSAN_SUSPENDED: Interface [chars] is down (dynamic vsan in suspended state)

Explanation The specified dynamic vsan is in suspended state

Recommended Action Un-suspend the dynamic vsan.

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSF_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class F param error)

Explanation ELP failed on the interface due to class F param error

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSN_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class N param error)

Explanation ELP failed on the interface due to class N param error

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PAYLOAD_SIZE: Interface [chars] is down (Isolation due to ELP failure: invalid payload size)

Explanation ELP failed on the interface due to invalid payload size

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PORT_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid port name)

Explanation ELP failed on the interface due to invalid port name

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_SWITCH_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid switch name)

Explanation ELP failed on the interface due to invalid switch name

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_TX_BBCREDIT: Interface [chars] is down (Isolation due to ELP failure: loopback detected)

Explanation ELP failed on the interface due to loopback connection detected

Recommended Action Connect to a port on another switch and try again

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Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_LOOPBACK_DETECTED: Interface [chars] is down (Isolation due to ELP failure: invalid transmit B2B credit)

Explanation ELP failed on the interface due to invalid transmit B2B credit

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_RATOV_EDTOV_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: R_A_TOV or E_D_TOV mismatch)

Explanation ELP failed on the interface due to R_A_TOV or E_D_TOV mismatch

Recommended Action Configure R_A_TOV and E_D_TOV values correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_REVISION_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: revision mismatch)

Explanation ELP failed on the interface due to revision mismatch

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_CODE: Interface [chars] is down (Isolation due to ELP failure: invalid flow control code)

Explanation ELP failed on the interface due to invalid flow control code

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_PARAM: Interface [chars] is down (Isolation due to ELP failure: invalid flow control param)

Explanation ELP failed on the interface due to invalid flow control param

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of 'show port internal info' in the 'ELP failure reason' field

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Error Message PORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action 'show port internal event-history msgs' will indicate the trunk protocol exchanges to determine why it failed

Error Message PORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of 'show port internal event-history' to determine the ESC protocol exchanges to determine how it failed

Error Message PORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down (Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message PORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down (Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message PORT-5-IF_DOWN_FABRIC_BIND_FAILURE: Interface [chars] is down (Isolation due to fabric bind failure)

Explanation Fabric binding failed on this port.

Recommended Action Please check the fabric binding database to ensure that the remote port is allowed to connect to this port

Error Message PORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

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Error Message PORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - FCOT vendor not supported)

Explanation FCOT inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message PORT-5-IF_DOWN_FCSP_AUTHENT_FAILURE: Interface [chars] is down (FC-SP authentication failure)

Explanation The port failed FC-SP authentication with its peer.

Recommended Action Please check the FC-SP configuration.

Error Message PORT-5-IF_DOWN_FICON_BEING_ENABLED: Interface [chars] is down (FICON being enabled)

Explanation FICON is being enabled on the port

Recommended Action Please wait. This might take a while

Error Message PORT-5-IF_DOWN_FICON_NOT_ENABLED: Interface [chars] is down (Error disabled - FICON not enabled)

Explanation FICON not enabled on port

Recommended Action Please enable FICON on port

Error Message PORT-5-IF_DOWN_FICON_VSAN_DOWN: Interface [chars] is down (FICON vsan down)

Explanation FICON is being enabled on the port VSAN of this port

Recommended Action This is an intermediary state, whereby the port VSAN of the port is being enabled to be a FICON VSAN.

Error Message PORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module's hardware has failed

Recommended Action Collect more information about failed module using command 'show module internal all module'

Error Message PORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

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Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the list of modes supported on this interface

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from 'show port internal info'

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from 'show port internal info'

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the range of speed supported on this interface

Error Message PORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of 'show port internal event-history' to determine what it is waiting for

Error Message PORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

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Error Message PORT-5-IF_DOWN_INVALID_ATTACHMENT: Interface [chars] is down(Invalid attachment)

Explanation The peer port does not have the compatible security attributes.

Recommended Action Please ensure that the peer port has compatible security attributes as the local port.

Error Message PORT-5-IF_DOWN_INVALID_CONFIG: Interface [chars] is down(Error disabled - Possible PortChannel misconfiguration)

Explanation The local and peer port have a PortChannel membership misconfiguration

Recommended Action Ensure that both the local and peer ports are either both members of the same PortChannel or are not both part of PortChannel

Error Message PORT-5-IF_DOWN_INVALID_FABRIC_BINDING: Interface [chars] is down(Invalid fabric binding exchange)

Explanation Fabric binding failed

Recommended Action Please check fabric binding database

Error Message PORT-5-IF_DOWN_LOCALLY_DISRUPTIVE_RECONFIGURATION: Interface [chars] is down (fcdomain applied a locally disruptive reconfiguration)

Explanation Fcdomain applied a locally disruptive reconfiguration (local domain became invalid)

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command 'attach module' to connect to module

Error Message PORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

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Error Message PORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_NONE: Interface [chars] is down (None)

Explanation There is no apparent reason the interface is down

Recommended Action Collect more information about port using command 'show port internal all interface [char]' to determine why it went down

Error Message PORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_NOS_RCVD: Interface [chars] is down (NOS received)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message PORT-5-IF_DOWN_NO_TRUNK_OPER_VSANS_ISOLATION: Interface [chars] is down (Isolation due to no common vsans with peer on trunk)

Explanation The trunk port is isolated as there are no common VSANs to be brought up with the peer port.

Recommended Action Please check that there are common VSANs configured and allowed to come up between the ports.

Error Message PORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_OHMS_EXTERNAL_LB_TEST: Interface [chars] is down (Loopback test)

Explanation Loopback tests

Recommended Action Please wait. This might take a while

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Error Message PORT-5-IF_DOWN_OLS_RCVD: Interface [chars] is down (OLS received)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message PORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message PORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message PORT-5-IF_DOWN_PORT_ACT_LICENSE_NOT_AVAILABLE: Interface [chars] is not allowed to come up (port activation license not available)

Explanation Assign a port activation license to this port or install additional port activation licenses as needed

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_PORT_BIND_FAILURE: Interface [chars] is down(Isolation due to port bind failure)

Explanation Port binding failed on this port.

Recommended Action Please check the port binding database to ensure that the remote port is allowed to connect to this port

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Error Message PORT-5-IF_DOWN_PORT_BLOCKED: Interface [chars] is down(Port blocked due to FICON)

Explanation The port has been blocked by FICON configuration.

Recommended Action Please unblock the port in FICON configuration.

Error Message PORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannel's members

Error Message PORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port VSAN mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a 'shutdown' and a 'no shutdown'

Error Message PORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message PORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

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Error Message PORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message PORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended to to an error while bringing it up

Recommended Action In most cases, you can recover using following commands 'config terminal', 'interface [char]', 'shutdown', 'no shutdown' on the interface. If this happens again obtain output of 'show port internal all interface [char]' on the interface

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Error Message PORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TOO_MANY_INTR: Interface [chars] is down (Error disabled - too many interrupts)

Explanation The port has received too many interrupts in the hardware

Recommended Action Check the attached device; replace it if needed

Error Message PORT-5-IF_DOWN_TOO_MANY_INVALID_FLOGIS: Interface [chars] is down(Suspended due to too many invalid flogis)

Explanation The port is suspended due to receiving a large number of invalid FLOGI's.

Recommended Action Please check the HBA and perform a shut, followed by no shut on the port.

Error Message PORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

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Error Message PORT-5-IF_DOWN_VIRTUAL_IVR_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to virtual IVR domain overlap)

Explanation Isolated due to virtual IVR domain overlap

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message PORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message PORT-5-IF_PORT_GUARD_DOWN: Interface [chars] is down ([chars])

Explanation The interface is down due to port guard configuration

Recommended Action Perform a shut followed by no shut to bring up the interface

Error Message PORT-5-IF_PORT_QUIESCE_FAILED: Interface [chars] port quiesce failed due to failure reason: [chars] ([hex])

Explanation There may be few packet drops due to this failure

Recommended Action No action is required.

Error Message PORT-5-IF_TRUNK_DOWN: Interface [chars], vsan [chars] is down ([chars])

Explanation Interface [chars] is trunking, VSAN [chars] is down with reason in ()

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface VSAN

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Error Message PORT-5-IF_TRUNK_UP: Interface [chars], vsan [chars] is up

Explanation Interface [chars] is trunking, VSAN [chars] is up

Recommended Action No action is required.

Error Message PORT-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message PORT-5-MODULE_BRINGUP_NOT_ALLOWED: Not allowing module [dec] to come up for reason: [chars] ([hex])

Explanation Module is not allowed to be operational due to the current system state

Recommended Action Use command show module <x> recovery-steps and follow the steps described

Error Message PORT-5-MODULE_INDEX_RESTORE_ERROR: Error in restoring indices for module [dec]: reason [chars] ([hex])

Explanation Restore of module index may fail due to overlap of indices

Recommended Action No action is required.

Error Message PORT-5-MODULE_UNLIMITED_OSM_SEQ_FAILED: Enable/Disable of unlimited oversubscription failed for module [dec]

Explanation Interfaces of the module may be in indeterminate state

Recommended Action Reload the module

PRIVATE_VLAN Messages

This section contains the PRIVATE_VLAN messages.

PRIVATE_VLAN-3

Error Message PRIVATE_VLAN-3-PVLAN_IN_USE: PVLAN [dec] in use by interface [chars], please do no switchport access vlan or no switchport private-vlan host-association

Explanation PVLAN in used

Recommended Action No action is required.

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Error Message PRIVATE_VLAN-3-PVLAN_PORT_CONFIG_FAILED: PVLAN Configuratio failed, using PVLAN primary vlan [dec] in access port

Explanation PVLAN Configuration failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_PPM_PORT_CONFIG_FAILED: PVLAN PPM Configuration failed, PVLAN vlan error

Explanation PVLAN PPM Configuration failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_TRUNK_EXCEEDED: Number of mappings on private-vlan trunk port limited is [dec]

Explanation PVLAN Trunk Exceeded

Recommended Action No action is required.

PRIVATE_VLAN-5

Error Message PRIVATE_VLAN-5-PVLAN_ASSOC_DOWN_FAILED: Failed to bring down the association between [dec] & [dec]

Explanation Association bringdown failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_ASSOC_UP_FAILED: Failed to bring up the association between [dec] & [dec]

Explanation Association bringup failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_DISABLED: PVLAN Disabled

Explanation PVLAN Service Disabled

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_DISABLE_FAILED: Disabling of private-vlan failed. Either shutdown these ports or remove them from private-vlan mode: [chars]

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

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Error Message PRIVATE_VLAN-5-PVLAN_ELTM_MTS_SEND_FAILED: MTS send failed while communicating with ELTM.

Explanation ELTM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_ELTM_TIMED_OUT: ELTM timed out while configuring hardware.

Explanation ELTM timed out

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_ENABLED: PVLAN Enabled

Explanation PVLAN Service Enabled

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_HW_ERROR: Error [hex] occurred for ifindex [hex] while programming hardware: [chars]

Explanation Hardware Configuration Error

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_PIXM_MTS_SEND_FAILED: MTS send failed while communicating with PIXM

Explanation PIXM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_PIXM_TIMED_OUT: PIXM timed out while configuring hardware.

Explanation PIXM timed out

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_VLANMGR_FAILURE: Cannot restore association operational state. Failed to communicate with VLAN manager

Explanation Restoring association operational status failed

Recommended Action No action is required.

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PROC_MGR Messages

This section contains the PROC_MGR messages.

PROC_MGR-SLOT#-2

Error Message PROC_MGR-SLOT#-2-ERR_MSG: [chars]

Explanation Process manager error.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-MESG: [chars]

Explanation Process manager information.

Recommended Action Process manager information.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_CRIT_ERROR: ERROR: Critical error determined for app ([chars]) status=[dec] signal=[dec]

Explanation Application caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_EXITED: ERROR: Application ([chars]) exited with status=[dec] signal=[dec]

Explanation Application exited.

Recommended Action Check the application.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error and linecard will be rebooted

Explanation Component caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CRIT_ERROR: ERROR: Critical error determined for component ([chars]) errno=[dec]

Explanation Critical error for component.

Recommended Action Restart the linecard.

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Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_DEP_FAIL: ERROR: Dependency failure - Component ([chars]) depends on ([chars])

Explanation Component dependency failure.

Recommended Action Check whether the component exists.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_NOT_INSTALLED: ERROR: Component ([chars]) could not be installed errno=[dec]

Explanation Component not installed.

Recommended Action Check whether the component exists.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_TIMEOUT: ERROR: Component ([chars]) did not exit and time out occurred

Explanation Component initialization timed out.

Recommended Action Check the component.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_MTS_CORE_CLIENT_FAIL: ERROR: MTS message to core_client FAILED errno=[dec]

Explanation Message to core client failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_QUIT: Process manager quitting because: [chars]

Explanation Process manager quitting.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_RM_KLM_SCRIPT: Removed: KLM/Script [[chars]] in [dec] sec [dec] usec ...

Explanation Removed KLM/Script.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_STOP_PROC: Process [[chars]] exited in [dec] sec [dec] usec ...

Explanation Process stopped.

Recommended Action No action is required.

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Error Message PROC_MGR-SLOT#-2-PROC_MGR_TERM_TIME: * Termination took [dec] sec [dec] usec *

Explanation Process manager termination time.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_PEEK_FAIL: ERROR: Unable to peek on utaker queue

Explanation Peek at utaker queue failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_ALLOC_FAIL: ERROR:Failed to allocate utaker semaphore: [dec]

Explanation Utaker semaphore allocation failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GET_FAIL: ERROR:[chars] [dec]: Failed to get utaker semaphore: [dec]

Explanation Utaker semaphore get failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GIVE_FAIL: ERROR:[chars] [dec]: Failed to give utaker semaphore: [dec]

Explanation Utaker semaphore give failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_TAKE_FAIL: ERROR:[chars] [dec]: Failed to take utaker semaphore: [dec]

Explanation Utaker semaphore take failed.

Recommended Action Restart the linecard.

PROC_MGR-SLOT#-3

Error Message PROC_MGR-SLOT#-3-PROC_MGR_ERROR_MSG: [chars]

Explanation Process manager error message

Recommended Action No action is required.

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PROC_MGR-SLOT#-4

Error Message PROC_MGR-SLOT#-4-PROC_MGR_APP_NOT_RESP: ERROR: Process ([chars]) is not responding, it will be terminated

Explanation Application not sending heartbeat.

Recommended Action Check the application.

PROC_MGR-SLOT#-6

Error Message PROC_MGR-SLOT#-6-PROC_MGR_INFO_MSG: [chars]

Explanation Process manager info message

Recommended Action No action is required.

PSS Messages

This section contains the PSS messages.

PSS-0

Error Message PSS-0-PSS_NO_MORE_PAGES: [chars]: needs more working pages

Explanation Service needs more working page buffers

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PSS-0-PSS_READ_DATA_FAILURE: [chars]: failed to read data to [chars] block [dec]: [chars]

Explanation PSS cannot read data

Recommended Action No action is required.

Error Message PSS-0-PSS_SYNC_DATA_FAILURE: [chars]: failed to sync data to [chars]: [chars]

Explanation PSS cannot sync data due to filesystem or disk error

Recommended Action No action is required.

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Error Message PSS-0-PSS_SYNC_LOG_FAILURE: [chars]: failed to sync log: [chars]

Explanation PSS cannot sync log due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_UNKNOWN_LOG: [chars]: unknown log type [hex] at offset [dec]

Explanation Unknown logging entry found

Recommended Action No action is required.

Error Message PSS-0-PSS_WRITE_DATA_FAILURE: [chars]: failed to write data to [chars] block [dec]: [chars]

Explanation PSS cannot write data due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_WRITE_LOG_FAILURE: [chars]: failed to write log: [chars]

Explanation PSS cannot write log due to filesystem or disk error

Recommended Action No action is required.

PSS-1

Error Message PSS-1-PSS_INVALID_MAGIC: [chars]: database [chars] has invalid magic number [hex]

Explanation PSS found a corrupted database with invalid magic number

Recommended Action No action is required.

Error Message PSS-1-PSS_META_READ_ERROR: [chars]: cannot read meta page from [chars]: [chars]

Explanation PSS cannot read meta page of a database

Recommended Action No action is required.

Error Message PSS-1-PSS_STAT_ERROR: [chars]: cannot stat [chars]: [chars]

Explanation PSS cannot do fstat on a database

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message PSS-1-PSS_VERSION_MISMATCH: [chars]: found version mismatch in [chars]

Explanation PSS found a database whose format it cannot interpret due to version mismatch

Recommended Action The image upgrade was not done properly; write erase should cure it as a last step

PSS-2

Error Message PSS-2-PSS_INVALID_SIZE: [chars]: database [chars] ([chars]) has invalid size %ld (block size [dec])

Explanation PSS found a database with invalid size - probably due to a crash

Recommended Action No action is required.

Error Message PSS-2-PSS_MISSING_FILE: [chars]: database [chars] missing [chars] file

Explanation PSS database is incomplete; probably due to a crash

Recommended Action No action is required.

Error Message PSS-2-PSS_RECOVERY_FAILED: [chars]: failed to recover [chars]

Explanation PSS recovery failed

Recommended Action No action is required.

PSS-4

Error Message PSS-4-PSS_CLEANUP: [chars]: cleaning up [chars]

Explanation PSS removed a leftover or corrupted file

Recommended Action No action is required.

Error Message PSS-4-PSS_RECOVERY_ENDED: [chars]: recovered [chars] successfully

Explanation PSS recovery finished

Recommended Action No action is required.

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Error Message PSS-4-PSS_RECOVERY_STARTED: [chars]: recovering [chars]: [dec] valid transactional records

Explanation PSS started recovery of previous aborted transaction

Recommended Action No action is required.

PSS-5

Error Message PSS-5-PSS_CONVERT_FORMAT: [chars]: converting pss format: [chars]

Explanation PSS format is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_CONVERT_LAYOUT: [chars]: converting pss layout: [chars] (params [dec]/[dec]/[dec] -> [dec]/[dec]/[dec])

Explanation PSS layout is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_SHRINK: [chars]: shrinking pss: [chars]

Explanation PSS is being shrunk to remove free space

Recommended Action No action is required.

Error Message PSS-5-SDB_CLOSED_AT_COMMIT: [chars]: sdb [chars] is closed: token [dec] is not committed

Explanation Publisher received SDB commit but sdb was already closed

Recommended Action No action is required.

QOS Messages

This section contains the QOS messages.

QOS-2

Error Message QOS-2-EXITING: Exit reason: [chars]

Explanation The QOS Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

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Error Message QOS-2-GENERAL_ERROR: [chars]

Explanation The QOS Manager has encountered an critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message QOS-2-INITFAIL: QoS Manager Initialization failed: [chars]

Explanation QoS Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message QOS-2-MALLOC_ERROR: Size [dec] bytes

Explanation The QOS Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message QOS-2-PSS_ERROR: [chars]: PSS returned value=[dec]

Explanation The QOS Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message QOS-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]

Explanation The QOS Manager has failed to rotate its current stdout file with filename [str.]. The file size could grow beyond its maximum limit.

Recommended Action No action is required.

QOS-3

Error Message QOS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation QoS Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-DBERROR: [chars]

Explanation QoS Manager encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

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Error Message QOS-3-E_PORT_ACL_FAILURE: Failed to [chars] QOS ACL for interface [chars] (ACL return code=[hex])

Explanation The QoS Manager has failed to program or erase QoS related ACL when an E-Port came up or went down for interface [str.]. The error code returned by ACL module is [int.].

Recommended Action No action is required.

Error Message QOS-3-FAILURE_RESPONSE: [chars] [hex]

Explanation QoS Manager failed to get response [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-GENERROR: [chars]

Explanation QoS Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message QOS-3-LICERR: [chars]

Explanation QoS Manager failed to get license.

Recommended Action No action is required.

Error Message QOS-3-MTSError: [chars]

Explanation QoS Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message QOS-3-PSSERROR: [chars]

Explanation QoS Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-QOS_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The QoS Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

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Error Message QOS-3-TIMEOUT_ERROR: [chars] [hex]

Explanation QoS Manager encountered a timeout [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec]

Explanation The QoS Manager has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

QOS-4

Error Message QOS-4-LICEXP: [chars]

Explanation QoS Manager license is going to expire. [chars] gives the expected time of expiry.

Recommended Action No action is required.

Error Message QOS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the QoS Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

QOS-6

Error Message QOS-6-BECAME_ACTIVE: Became ACTIVE from standby mode.

Explanation The QoS Manager on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message QOS-6-BECAME_STDBY: Became STANDBY from active mode.

Explanation The QoS Manager became standby from active mode.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message QOS-6-DISABLED_UP_MARKING: [chars]

Explanation The QoS Manager has disabled marking of time-critical control traffic as high-priority traffic. Priority of such traffic is now not altered by QoS Manager.

Recommended Action No action is required.

Error Message QOS-6-ENABLED_UP_MARKING: [chars]

Explanation The QoS Manager has enabled marking of time-critical control traffic as high-priority traffic.

Recommended Action No action is required.

Error Message QOS-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message QOS-6-E_PORT_ACL_SUCCESS: Successfully [chars] QoS ACL for interface [chars]

Explanation The QoS Manager has successfully programmed or erased QoS related ACL when an E-Port came up or went down for interface [str.].

Recommended Action No action is required.

Error Message QOS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The QoS Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message QOS-6-GENERAL_EVENT: [chars]

Explanation The QoS Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message QOS-6-MGRCREATED: QoS Manager created

Explanation QoS Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

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Error Message QOS-6-MGREXIT: QoS Manager shutting down gracefully

Explanation QoS Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message QOS-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of QoS Manager has been recreated.

Recommended Action No action is required.

Error Message QOS-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of QoS Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message QOS-6-SERVICE_UP: Initialized [chars]

Explanation The QoS Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message QOS-6-SWITCHOVER: Switching Over to other Supervisor.

Explanation The QoS Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message QOS-6-UNKNOWNMTS: QoS Manager received an unexpected message

Explanation QoS Manager received an unexpected message.

Recommended Action No action is required.

RADIUS Messages

This section contains the RADIUS messages.

Send document comments to nexus1k-docfeedback@cisco.com

RADIUS-2

Error Message RADIUS-2-RADIUS_NO_AUTHEN_INFO: ASCII authentication not supported

Explanation ASCII authentication not supported.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RADIUS-2-RADIUS_PROGRAM_EXIT: RADIUS daemon exiting: [chars]

Explanation RADIUS daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RADIUS-3

Error Message RADIUS-3-RADIUS_ERROR_MESSAGE: [chars]

Explanation RADIUS Error Message

Recommended Action No action is required.

RADIUS-5

Error Message RADIUS-5-RADIUS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Radius server monitor status change

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_NOTIFICATION: [chars]

Explanation RADIUS Notification

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Radius server status change

Recommended Action No action is required.

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RADIUS-6

Error Message RADIUS-6-RADIUS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message RADIUS-6-RADIUS_MESSAGE: [chars]

Explanation RADIUS Message

Recommended Action No action is required.

RDL Messages

This section contains the RDL messages.

RDL-2

Error Message RDL-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RDL-3

Error Message RDL-3-SYSLOG_ALLOC_FAIL: : [chars]

Explanation RDL memory allocation failed : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

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Error Message RDL-3-SYSLOG_ERR: : [chars]

Explanation RDL syslog errors : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_EXIT: : [chars]

Explanation RDL exiting on errors : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation RDL Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_MTS_ERR: : [chars]

Explanation RDL MTS errors : [chars].

Recommended Action No action is required.

RDL-6

Error Message RDL-6-INFORMATION: [chars]

Explanation An event happend that affects RDL. [chars] indicates the event

Recommended Action No action is required.

Error Message RDL-6-PSS_ERR: [chars]

Explanation An error occurred during an RDL PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

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Error Message RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

Error Message RDL-6-SYSLOG_INFO: : [chars]

Explanation RDL Debug logs: [chars].

Recommended Action No action is required.

Error Message RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

RES_MGR Messages

This section contains the RES_MGR messages.

RES_MGR-1

Error Message RES_MGR-1-RES_MGR_HA_ERR: HA sync message received for resource [dec] which does not exist

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

RES_MGR-2

Error Message RES_MGR-2-RES_MGR_CRIT: RES_MGR Critical: [chars]

Explanation RES_MGR generic critical condition

Recommended Action No action is required.

Error Message RES_MGR-2-RES_MGR_HA_PSS_ERR: HA sync message received for resource [dec] with wrong pss type [dec]

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

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RES_MGR-3

Error Message RES_MGR-3-RES_MGR_RES_ALREADY_EXCEEDED: The VDC [dec] is currently already using more [chars] resources than the desired new maximum limit

Explanation A \limit-resource\ command was issued such that a VDC would be a forbidden state if we obeyed, having already allocated more resources than the new maximum limit

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_MAX_LOWER_THAN_MIN: The maximum limit for [chars] resources is not allowed to be less than the minimum limit

Explanation A \limit-resource\ command was issued such that the desired maximum limit was lower than the desired minimum limit

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_TOO_HIGH: Limits for [chars] resources are not allowed to be set as high

Explanation A \limit-resource\ command was issued such that a desired limit couldn't be satisfied because of static policies

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_UNAVAIL: Missing [dec] [chars] resources currently available to satisfy the minimum limit requested for vdc [dec]

Explanation A \limit-resource\ command was issued such that the desired minimum limit couldn't be satisfied with the currently available resources

Recommended Action No action is required.

RES_MGR-4

Error Message RES_MGR-4-RES_MGR_MAX_ALLOWED_VDCS_HAS_DECREASED: The maximum number of allowed VDCs has decreased from [dec] to [dec] since binary config was saved.

Explanation When startup config was saved, more VDCs were allowed in the system.

Recommended Action No action is required.

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Error Message RES_MGR-4-RES_MGR_RES_ALREADY_EXCEEDED_BUT_NOT_ENFORCED: The VDC [dec] is currently already using more [chars] resources than the desired new maximum limit. You may experience some route loss upon switchover, when the new limits will actually take effect.

Explanation A \limit-resource\ command was issued such that a VDC may not have enough memory for holding the current amount of routing entries when the new limits will be enforced upon switchover

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_SC_PSS_PCW_NETADMIN: Performing partial config write for resource [chars] in vdc [dec]

Explanation A \copy running-config startup-config\ command was issued from a local admin resource limits for the specified resource in the specified vdc had to be saved as a side-effect of it

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_SC_PSS_PCW: Performing partial config write for resource [chars]

Explanation A \copy running-config startup-config\ command was issued from another VDC resource limits for the specified resource had to be saved as part of it

Recommended Action No action is required.

RES_MGR-5

Error Message RES_MGR-5-RES_MGR_DISABLED: RES_MGR Disabled

Explanation RES_MGR Service Disabled

Recommended Action No action is required.

Error Message RES_MGR-5-RES_MGR_ENABLED: RES_MGR Enabled

Explanation RES_MGR Service Enabled

Recommended Action No action is required.

RES_MGR-6

Error Message RES_MGR-6-RES_MGR_CONDITION_VERIFIED: error [hex] [[chars]] during sysmgrcb_vdc_handshake_done() for vdc [dec]

Explanation RES_MGR is spotting some issue when VDC got created

Recommended Action No action is required.

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RIB Messages

This section contains the RIB messages.

RIB-0

Error Message RIB-0-EMERG: [chars]

Explanation Rib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-1

Error Message RIB-1-ALERT: [chars]

Explanation Rib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-2

Error Message RIB-2-CRIT: [chars]

Explanation Rib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-3

Error Message RIB-3-ERR: [chars]

Explanation Rib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-FIB_EXIT: fib exited

Explanation Fib had exited and may not continue operation

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message RIB-3-MISS_APPS: Missing response from service

Explanation Service not responding to rib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message RIB-3-NO_MEM: Out of memory

Explanation Rib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_FIB: Cannot talk to fib

Explanation Rib to fib IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_SNMP: Cannot respond to snmp

Explanation Rib to snmp IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_STANDBY: Cannot talk to standby rib

Explanation Lost a rib-fib transaction log due to IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-4

Error Message RIB-4-CPU_HOG: Inactive or busy

Explanation Either rib was not scheduled to run, or rib was busy, and rib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

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Error Message RIB-4-DUP_FIB: Duplicate response from fib

Explanation Rib ignored duplicate response from fib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message RIB-4-LATE_FIB: Late response from fib

Explanation Rib ignored late response from fib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message RIB-4-PC_LIMIT: PC number greater than 128 (ignored by RIB)

Explanation Rib ignored pc > 128 for multicast

Recommended Action Please use PC number < 128

Error Message RIB-4-WARN: [chars]

Explanation Rib ignored the unexpected condition

Recommended Action Please perform 'debug rib all', then recreate the operation scenario, to find out more details.

RIB-5

Error Message RIB-5-NOTE: [chars]

Explanation Rib does not support this operation

Recommended Action Please perform 'debug rib all', then recreate the operation scenario, to find out more details.

RIB-6

Error Message RIB-6-INFO: [chars]

Explanation Rib event occurred

Recommended Action No action is required.

RLIR Messages

This section contains the RLIR messages.

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RLIR-2

Error Message RLIR-2-DRLIR_REJECT: DRLIR rejected: [chars]: fcid [chars], reason code [dec]

Explanation DRLIR rejected: [chars] fcid [chars] reason code [dec]

Recommended Action No action is required.

Error Message RLIR-2-FC2_FAILED: RLIR FC2 operation failed: [chars]: [chars]

Explanation RLIR FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RLIR-2-INIT_FAILED: RLIR Init failed: [chars]

Explanation RLIR Init failed: [chars]

Recommended Action No action is required.

Error Message RLIR-2-LINK_INCIDENT: Interface [chars] [Port [hex]], Link Status: [chars], Link Status Reason: [chars]

Explanation RLIR module detected an unintentional Link Incident

Recommended Action No action is required.

Error Message RLIR-2-MALLOC_FAILED: RLIR Malloc failed: [chars]

Explanation RLIR Malloc failed: [chars]

Recommended Action No action is required.

Error Message RLIR-2-MTS_FAILED: RLIR MTS operation failed: [chars]: [chars]

Explanation RLIR MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RLIR-2-PSS_FAILED: RLIR PSS operation failed: [chars]: [chars]

Explanation RLIR PSS operation failed: [chars] [chars]

Recommended Action No action is required.

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RLIR-6

Error Message RLIR-6-SYSLOG_INFO: RLIR Syslog info: [chars]

Explanation RLIR Syslog info: [chars]

Recommended Action No action is required.

Error Message RLIR-6-SYSLOG_STATUS: RLIR Syslog status: [chars]: [chars]

Explanation RLIR Syslog status: [chars] [chars]

Recommended Action No action is required.

RM Messages

This section contains the RM messages.

RM-6

Error Message RM-6-RMGR_INFO: [chars]

Explanation RMGR daemon informational message

Recommended Action No action is required.

Error Message RM-6-STARTING: daemon started

Explanation The RMGR daemon successfully started

Recommended Action No action is required.

RM-SLOT#-2

Error Message RM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error. Service Module will be rebooted

Explanation Component caused critical error

Recommended Action Restart the linecard

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Error Message RM-SLOT#-2-RM_CPP_RELOAD_TMOUT: ERROR: Component ([chars]) timed out for critical error response. Reloading Service Module

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_CRITICAL_ALERT: [chars]

Explanation Critical Alert

Recommended Action Restart the linecard

Error Message RM-SLOT#-2-RM_PROCESS_FAILED: ERROR: [chars] failed

Explanation Process failed

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_PROCESS_TMOUT: ERROR: [chars] did not complete. Reloading Service Module

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_VICPP_RECREATE_ERROR: All the fast path resources are down VICPP connectivity lost

Explanation Component caused critical error

Recommended Action Restart the linecard

RM-SLOT#-4

Error Message RM-SLOT#-4-RM_WARNING: [chars]

Explanation Warning

Recommended Action No action is required.

RSCN Messages

This section contains the RSCN messages.

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RSCN-2

Error Message RSCN-2-FC2_FAILED: RSCN FC2 operation failed: [chars]: [chars]

Explanation RSCN FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RSCN-2-INIT_FAILED: RSCN Init failed: [chars]

Explanation RSCN Init failed: [chars]

Recommended Action No action is required.

Error Message RSCN-2-MALLOC_FAILED: RSCN Malloc failed: [chars]

Explanation RSCN Malloc failed: [chars]

Recommended Action No action is required.

Error Message RSCN-2-MTS_FAILED: RSCN MTS operation failed: [chars]: [chars]

Explanation RSCN MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RSCN-2-PSS_FAILED: RSCN PSS operation failed: [chars]: [chars]

Explanation RSCN PSS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RSCN-2-SCR_REJECT: SCR rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation SCR rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-4

Error Message RSCN-4-RSCN_REJECT: RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

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Error Message RSCN-4-SWRSCN_REJECT: SW-RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation SW-RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-6

Error Message RSCN-6-SYSLOG_INFO: RSCN Syslog info: [chars]

Explanation RSCN Syslog info: [chars]

Recommended Action No action is required.

Error Message RSCN-6-SYSLOG_STATUS: RSCN Syslog status: [chars]: [chars]

Explanation RSCN Syslog status: [chars] [chars]

Recommended Action No action is required.

SAL Messages

This section contains the SAL messages.

SAL-5

Error Message SAL-5-SAL_DISABLED: SAL Disabled

Explanation SAL Service Disabled

Recommended Action No action is required.

Error Message SAL-5-SAL_ENABLED: SAL Enabled

Explanation SAL Service nabled

Recommended Action No action is required.

SAN_EXT_TUNER Messages

This section contains the SAN_EXT_TUNER messages.

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SAN_EXT_TUNER-3

Error Message SAN_EXT_TUNER-3-SAN_EXT_TUNER_LICENSE_EXPIRED: SAN Extension Licence expired - Disabling SAN Extension Tuner

Explanation SAN Extension Licence expired/not present - Disabling SAN Extension Tuner

Recommended Action No action is required.

SCHEDULER Messages

This section contains the SCHEDULER messages.

SCHEDULER-2

Error Message SCHEDULER-2-SCH_SYSLOG_MALLOC_ERR: Out of memory: [chars]

Explanation Process memory exhausted. Possible memory leak.

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_MTS_ERR: MTS error: [chars]

Explanation MTS operation failure

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars]
Destination URI:[chars] errcode:[dec]

Explanation Error while performing snapshot I/O to PSS

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_SDWRAP_ERR: Debug infrastructure initialization failed: [chars]

Explanation Debug infrastructure failed to initialize

Recommended Action Contact TAC

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SCHEDULER-3

Error Message SCHEDULER-3-SCH_ERR: [chars]

Explanation Scheduler error

Recommended Action No action is required.

Error Message SCHEDULER-3-SCH_SYSLOG_FILE_ERR: [chars] Error:[chars]

Explanation File handling error

Recommended Action No action is required.

Error Message SCHEDULER-3-SCH_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars]
Error:[dec]

Explanation Error while performing I/O to PSS

Recommended Action Contact TAC

Error Message SCHEDULER-3-SCH_SYSLOG_USER_ERR: Description: Failed to execute job
for user id [chars] Error:[dec]

Explanation Error while attempting to execute job for user. Possibly, the user is removed from the system.

Recommended Action Ensure the user exists. Make sure he is not a remotely authenticated user.

SCHEDULER-4

Error Message SCHEDULER-4-SCH_WARN: [chars]

Explanation Scheduler warning

Recommended Action No action is required.

SCHEDULER-6

Error Message SCHEDULER-6-SCH_MSG: [chars]

Explanation Scheduler Message

Recommended Action No action is required.

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SCSI-TARGET Messages

This section contains the SCSI-TARGET messages.

SCSI-TARGET-2

Error Message SCSI-TARGET-2-PROC_ADD_NPORT_FAIL: Failed to set local nport with SCSI-target driver error: [hex]

Explanation SCSI-target process add nport with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message SCSI-TARGET-2-PROC_OPEN_VHBA_DEVICE_FAIL: Failed to communicate with SCSI-target driver error: [hex]

Explanation SCSI-target process failed to communicate with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message SCSI-TARGET-2-PROC_SET_SCSI_INDEX_FAIL: Failed to set SCSI index SCSI-target driver error: [hex]

Explanation SCSI-target process failed to set SCSI index with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message SCSI-TARGET-2-PROC_WWNM_GET_WWN_FAIL: Failed to get local controller pwn from WWN Manager error: [hex] response: [hex]

Explanation SCSI-target process used wwnm_bwt_get_local_controller_wwn() api for the port wwn and it failed due to error [hex], response code [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using commands 'show process cpu' and 'show system internal sysmgr service all'. See WWN Manager system error codes for reason.

Error Message SCSI-TARGET-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]

Explanation SCSI-target process pss initialization failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

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SCSI-TARGET-3

Error Message SCSI-TARGET-3-PROC_VSAN_GET_RATOV_FAIL: Failed to get vsan attribute RATOV from VSAN Manager, error: [hex]

Explanation SCSI-target process used the vsan_get_global_value() api for RATOV and it failed due to error [hex].

Recommended Action This is a non-fatal error. The default value for RATOV is used. Collect more information using commands 'show process cpu' and 'show system internal sysmgr service all'. See Vsan Manager system error codes for reason.

Error Message SCSI-TARGET-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]

Explanation SCSI-target process pss create runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]

Explanation SCSI-target process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]

Explanation SCSI-target process pss set runtime max key failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]

Explanation SCSI-target process pss set runtime max value failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

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Error Message SCSI-TARGET-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]

Explanation SCSI-target process pss open runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]

Explanation SCSI-target process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]

Explanation SCSI-target process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]

Explanation SCSI-target process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message SCSI-TARGET-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]

Explanation SCSI-target process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

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SCSI-TARGET-7

Error Message SCSI-TARGET-7-SCSI_TARGET_DISCOVERED: SCSI-target discovered
VSAN: [dec] FCID: [hex] prlisparm: [hex]

Explanation SCSI-target process discovered VSAN [dec] FCID [hex] prli service parameter [hex].

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SDV Messages

This section contains the SDV messages.

SDV-2

Error Message SDV-2-RANDNUM_FAIL: Random number generation failed

Explanation Random number generation failed. Process has to exit due to FIPS compliance

Recommended Action No action is required.

SDV-3

Error Message SDV-3-ACL_CACHE_ERROR: ACL CACHE ERR, Trying to prog with no interface list

Explanation A Null interface list was generated for a ACL entry

Recommended Action No action is required.

Error Message SDV-3-ACL_ERROR: ACL API, [chars], failed with error [hex]

Explanation SDV invoked ACL API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message SDV-3-ALLOC_FAILED: Failed for type [dec] size [dec]

Explanation SDM process could not allocate heap memory. [dec] is the memory type and [dec] is the size of memory

Recommended Action No action is required.

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Error Message SDV-3-ASSERTION_FAILED: [chars]:[dec]

Explanation SDM process has hit an assert condition at file [chars] line number [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SDV-3-AUTO_FAILOVER_ERROR: [chars]

Explanation SDV Virtual-device failed to auto-failover due to [chars]

Recommended Action No action is required.

Error Message SDV-3-BCAST_NOT_SUPPORTED: Broadcast attribute will be ignored for SDV devices

Explanation Broadcast attribute will be ignored for SDV devices

Recommended Action No action is required.

Error Message SDV-3-ENQUEUE_EVENT_FAIL: Unable to enqueue event into state machine

Explanation Unable to enqueue event into state machine

Recommended Action No action is required.

Error Message SDV-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] vdev_id [dec] failed:[chars].

Explanation This happens when either after SDV retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message SDV-3-INIT_FAIL: [chars]

Explanation SDM process init has failed due to [chars]

Recommended Action No action is required.

Error Message SDV-3-INTERNAL_ERR: [chars]

Explanation SDM process encountered an internal error due to [chars]

Recommended Action No action is required.

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Error Message SDV-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action No action is required.

Error Message SDV-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation Error while activating the merged SDV database due to [chars]

Recommended Action No action is required.

Error Message SDV-3-MERGE_CAP_FAILED: [chars]

Explanation SDV fabric merge failed because of incompatible capabilities [chars]

Recommended Action Compare SDV configuration in both fabrics and resolve the conflicts if any and commit the changes.

Error Message SDV-3-MERGE_FAILED: [chars]

Explanation SDV fabric merge failed due to [chars]

Recommended Action Check the error using show sdv merge status vsan <vsan-id> command. Compare SDV configuration in both fabrics and resolve the conflicts if any and commit the changes.

Error Message SDV-3-MTS_ERR: [chars]

Explanation SDM process encountered an MTS error due to [chars]

Recommended Action No action is required.

SDV-4

Error Message SDV-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING:
failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

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SDV-6

Error Message SDV-6-INTERNAL_ERR_INFO: [chars]

Explanation SDM process encountered ignorable error due to [chars]

Recommended Action No action is required.

SDV-7

Error Message SDV-7-SRVCREATED: SDM Process started

Explanation SDM process has started

Recommended Action No action is required.

SECURITYD Messages

This section contains the SECURITYD messages.

SECURITYD-2

Error Message SECURITYD-2-FIPS_BYPASS_SELF_TEST_STATUS: FIPS Bypass self-test status : [chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRNG_SELF_TEST_STATUS: FIPS CRNG self-test status : [chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRYPTO_SELF_TEST_STATUS: FIPS [chars] Crypto self-test status : [chars]

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

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Error Message SECURITYD-2-FIPS_IMAGE_INTEGRITY_SELF_TEST_STATUS: FIPS Image Integrity self-test status : [chars]

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POWERUP_SELF_TESTS_STATUS: FIPS power-up self-test status: [chars]

Explanation Status FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POWERUP_SELF_TEST_STATUS: FIPS [chars] power-up self-test status : [chars]

Explanation Status of FIPS [chars] power-up self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_SELF_TEST_FAILED: FIPS self-test failure : [chars]
: [chars]

Explanation FIPS self-test failed [chars] for service [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-HTTP_ERR_DISABLED: HTTP service '[chars]' re-started more than 4 times in last 60 sec and hence err-disabled. Use 'feature http-server' to re-enable the feature

Explanation HTTP service is in err-disabled state as the process failed to re-start more than 4 times in last 60 sec.

Recommended Action Use 'feature http-server' command to re-enable the feature

Error Message SECURITYD-2-PROGRAM_EXIT: security/accounting daemon exiting: [chars]

Explanation Security/accounting daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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SECURITYD-3

Error Message SECURITYD-3-NVRAMFAILURE: nvram failure

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SECURITYD-5

Error Message SECURITYD-5-HTTP_DISABLED: HTTP service '[chars]' is disabled

Explanation HTTP service is disabled

Recommended Action No action is required.

Error Message SECURITYD-5-HTTP_ENABLED: HTTP service '[chars]' is enabled

Explanation HTTP service is enabled

Recommended Action No action is required.

SECURITYD-6

Error Message SECURITYD-6-ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message SECURITYD-6-CHANGE_PASSWD: changing passwd for [chars]

Explanation Changing passwd for [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-DELETE_STALE_USER_ACCOUNT: deleting expired user account: [chars]

Explanation Deleting expired user account of [chars]

Recommended Action No action is required.

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Error Message SECURITYD-6-FIPS_MODE_SET_FAILED: Error when setting FIPS mode :
[chars]

Explanation FIPS mode failed [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-FIPS_MODE_SET: FIPS mode is [chars] for service [chars]

Explanation FIPS mode is changed [chars] [chars]

Recommended Action No action is required.

SENSOR_USD Messages

This section contains the SENSOR_USD messages.

SENSOR_USD-2

Error Message SENSOR_USD-2-SNSM_SYSLOG_INIT_FAILED: Sensor Mgr Initialization failed. Component [chars]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-2-SNSM_SYSLOG_SHUTDOWN: Sensor Mgr process shutting down:
[chars]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-2-SNSM_SYSYLOG_ALLOC_MEMORY: Sensor Mgr Memory allocation failed

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-3

Error Message SENSOR_USD-3-MSG_SNSM_SYS_MEM_ALOC_FAILURE: Sensor Mgr Error in allocating mem: [dec], Error code = [dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

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Error Message SENSOR_USD-3-SNSM_SYSLOG_BAD_MTS_MSG: Sensor Mgr Received bad MTS message: [dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYSLOG_MTS_PROCESS_ERROR: Sensor Mgr Error in processing MTS message: [dec], Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_DEQUE_PENDING_QUE_FAILURE: Sensor Mgr Error in Dequing pend Que: %p, Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_ENQUE_PENDING_QUE_FAILED: Sensor Mgr Error in queuing to pending queue: %p, Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_MTS_RECV_FAILURE: Sensor Mgr Error in receving MTS mesg

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-5

Error Message SENSOR_USD-5-SNSM_SYSLOG_STARTING: Sensor Mgr process started

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_MGR Messages

This section contains the SENSOR_MGR messages.

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SENSOR_MGR-2

Error Message SESSION-MGR-2-DB_UNLOCK_FAILED: Failed to unlock the database for session: [chars]

Explanation Session-Manager failed to unlock the database for session: [chars]

Recommended Action No action is required.

SENSOR_MGR-3

Error Message SESSION-MGR-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation Session-mgr process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

SENSOR_MGR-4

Error Message SESSION-MGR-4-ISSU_FAILED: [chars] : [hex]

Explanation Session manager failed ISSU because of:[string] and error: [hex]

Recommended Action No action is required.

SFC Messages

This section contains the SFC messages.

SFC-3

Error Message SFC-3-ERROR: [chars]

Explanation SCSI Flow Client encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SFM Messages

This section contains the SFM messages.

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SFM-2

Error Message SFM-2-NO_LICENSE_WARNING: SCSI Flow Manager is shutting down as no license is available.

Explanation License required for continued SCSI Flow Manager operation is not available.

Recommended Action No action is required.

SFM-6

Error Message SFM-6-LICENSE_VALID: A valid license for SCSI Flow Manager has been obtained

Explanation A valid license for SCSI Flow Manager has been obtained

Recommended Action No action is required.

SKSD Messages

This section contains the SKSD messages.

SKSD-5

Error Message SKSD-5-SKSD_EXIT: Keystore Application Exiting: [chars]

Explanation Keystore Program exiting

Recommended Action No action is required.

Error Message SKSD-5-SKSD_FUNC: Keystore Operation: [chars]

Explanation Keystore Event upon a receiving a request

Recommended Action No action is required.

Error Message SKSD-5-SKSD_HW_INIT: Hardware Keystore Init done

Explanation Hardware Keystore Init completed

Recommended Action No action is required.

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Error Message SKSD-5-SKSD_HW_RESET: Hardware Reset : [chars]

Explanation Hardware Reset

Recommended Action No action is required.

Error Message SKSD-5-SKSD_HW: Smartcard : [chars]

Explanation Smartcard Presence

Recommended Action No action is required.

Error Message SKSD-5-SKSD_INIT: Keystore Application Init: [chars]

Explanation Keystore Program Init

Recommended Action No action is required.

Error Message SKSD-5-SKSD_KEY_ADD: Key added

Explanation Key added to keystore

Recommended Action No action is required.

Error Message SKSD-5-SKSD_KEY_DELETE: Key deleted

Explanation Key deleted from keystore

Recommended Action No action is required.

Error Message SKSD-5-SKSD_MKEY_INSTALL: Installing a Master Key on the smartcard(s)

Explanation Installing a new Master Key on the smartcard(s)

Recommended Action No action is required.

Error Message SKSD-5-SKSD_SUP_STATE: Supervisor card new state: [dec]

Explanation Supervisor state change

Recommended Action No action is required.

Error Message SKSD-5-SKSD_SW_INIT: Software Keystore Init done

Explanation Software Keystore Init completed

Recommended Action No action is required.

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SKT_USD Messages

This section contains the SKT_USD messages.

SKT_USD-3

Error Message SKT_USD-6-SKT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

SME_CPP Messages

This section contains the SME_CPP messages.

SME_CPP-2

Error Message SME_CPP-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound as the interfaces reached the maximum IT Nexus limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_CTRL_LUN_PATH_MISCONFIG: Control LUN [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_DIFF_LUN_MISCONFIG: Lun [chars] and [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] configured as one device.

Explanation Two different luns configured as one device. Please fix configuration.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_LICENSE_EXPIRED: SME License expired - Disabling [chars]

Explanation SAN Media Encryption License expired/not present - Disabling SME

Recommended Action No action is required.

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Error Message SME_CPP-2-LOG_ERR_SME_TAPE_LUN_PATH_MISCONFIG: Tape Drive [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_WARN_SME_LICENSE_GRACE: No SME License. Feature will be shut down after a grace period of approximately [dec] days

Explanation SAN Media Encryption feature on grace period. Please acquire actual license.

Recommended Action No action is required.

Error Message SME_CPP-2-SME_INIT_FAILED: Initialization failed for SME: [chars], Reason: [hex]

Explanation Initialization failed for SME

Recommended Action No action is required.

SME_CPP-3

Error Message SME_CPP-3-LOG_ERR_SME_DBSYBC_REJECT: SME Database Synchronization [chars] for a New Cluster (Id 0x%llx) Rejected; Reason - [chars].

Explanation A switch can be part of only one SME cluster

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CLUSTER_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] and security mode [dec], but the DPP has state from a previous instance of a cluster [chars] with ID [chars] and security mode [dec].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is part of a different cluster.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTO_NODE_CERTIFICATE2: but the DPP has a different certificate (len [dec] fingerprint [chars]).

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

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Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTONODE_CERTIFICATE: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars] with certificate (len [dec] fingerprint [chars]), ..

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTONODE_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars], but the DPP is identified as [chars].

Explanation DPP has persistent state about a previous cluster membership on a different switch or module.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KEY_CREATE_FAILED: Key creation ([chars]) failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME key creation failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_DELETE_ALL_KEYS_FAILED: Delete all keys in cluster failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_DELETE_KEYS_FAILED: Delete keys for [chars] failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEEPA_LIVE_FAILED: Keepalive to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC keepalive failed

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SME_CPP-3-LOG_SME_KMC_KEY_LOOKUP_FAILED: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_UPDATE_FAILED: Key updates ([chars]) to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key updates failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_REPLACE_SMARTCARD_ABORT: Replace smartcard process (type [chars]) aborted [chars] with reason ([chars]) in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

SME_CPP-5

Error Message SME_CPP-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum IT Nexus limit

Explanation Iterface Flow Limit

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PART_OF_ANY_CLUSTER: SME interface [chars] not part of any cluster, but the DPP has state from a previous instance of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is not part of any cluster.

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PROVISIONED: SME is not provisioned on slot [dec], but the DPP has state from a previous instance as a crypto node [chars] of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the switch has not provisioned the interface for SME.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_ADDED: SME interface now part of cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface added to cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_REMOVED: SME interface now removed from cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface removed from cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_DOWN: SME Interface ([chars]) DOWN

Explanation SAN Interface was brought down

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_UP: SME Interface ([chars]) is UP

Explanation SAN Interface was brought up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_IT_NEXUS_FAILURE: [chars]. [chars] bind failure. Reason: [chars]: [hex]

Explanation SME IT Nexus bind failed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KEY_CREATE_SUCCESS: Key created ([chars]) successfully in SME cluster (name [chars], id %llx)

Explanation SME key creation succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_DOWN: Connection to KMC server [chars] is down with reason ([chars]) from local switch in SME cluster (name [chars], id %llx)

Explanation SME KMC connection down

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_FAIL: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) failed with error ([chars])

Explanation SME KMC connection initialization failed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_PASS: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) succeeded

Explanation SME KMC connection initialization succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_UP: Connection to KMC server [chars] is up from local switch in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_DELETE_ALL_KEYS_SUCCESS: Delete all keys in cluster to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_DELETE_KEYS_SUCCESS: Delete keys for [chars] to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_LOOKUP_SUCCESS: Key ([chars]) lookup from KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_UPDATE_SUCCESS: Key updates ([chars]) to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key updates succeeded

Recommended Action No action is required.

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Error Message SME_CPP-5-LOG_SME_MASTER_KEY_REKEYED: Master Key rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_COMMIT: Replace smartcard process (type [chars]) committed [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_START: Replace smartcard process (type [chars]) initiated [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_TAPE_VOLUME_GROUP_REKEYED: Tape volume group ([chars]) rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISABLED: SME Disabled

Explanation SME Service Disabled

Recommended Action No action is required.

Error Message SME_CPP-5-SME_ENABLED: SME Enabled

Explanation SME Service nabled

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

SME_CPP-SLOT#-2

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_DEVICE_MISCONFIG: Different configured Devices under same physical LUN - Old Cluster Name:[chars] New Cluster Name:[chars] Old Group Name:[chars] New Group Name:[chars] Old Device Name:[chars] New Device Name:[chars]

Explanation Different configured devices under same physical LUN

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_ITL_MISCONFIG: Different physical LUNs under same Tape Device - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:[chars] Serial Num:[chars] Serial Num:[chars]

Explanation Different physical LUNs under same Tape Device

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_LUN_MISCONFIG: Different physical LUNs under same ITL - Old Serial Num:[chars] New Serial Num:[chars]

Explanation Different physical LUNs under same ITL

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_BYPASS_ENC: Bypassing encryption for partly written tape - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_CTH_FAIL: Bypassing encryption for current tape on failed CTH verification - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted because CTH verification has failed in DPP

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_KEY_ERR: Getting tape keys from SUP failed - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation There was a failure retrieving keys from SUP for this tape

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

SME_CPP-SLOT#-3

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISC_TIMEOUT: Module:[dec]
Host-Target:[chars]

Explanation Discovery on this IT Nexus is taking too long, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_ITL_CPP_ERR: Module:[dec] Host-Target
[chars] LunID:[chars]

Explanation ITL failure seen on CPP, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_NON_TAPE_MISCONFIG: A non-tape device
misconfigured under tape config - Device Name:[chars] Host PWWN:[chars] Tgt
PWWN:[chars] LUN Id:%Ld

Explanation A disk misconfigured under tape config

Recommended Action No action is required.

SME_CPP-SLOT#-4

Error Message SME_CPP-SLOT#-4-LOG_WARN_SME_MAX_BLOCK_LEN: Maximum block length
[dec] of tape drive is 256K or less - [chars] LunID:[chars] VendorID:[chars]
ProdID:[chars] Serial Num:[chars] Cluster:[chars] Tape Device:[chars]

Explanation This tape drive may not operate correctly with SME

Recommended Action No action is required.

SNMPD Messages

This section contains the SNMPD messages.

SNMPD-1

Error Message SNMPD-1-ALERT: SNMP log alert : [chars]

Explanation SNMP log alert message.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

SNMPD-2

Error Message SNMPD-2-CRITICAL: SNMP log critical : [chars]

Explanation SNMP log critical message.

Recommended Action No action is required.

SNMPD-3

Error Message SNMPD-3-ERROR: SNMP log error : [chars]

Explanation SNMP log error message.

Recommended Action No action is required.

SNMPD-4

Error Message SNMPD-4-WARNING: SNMP log warning : [chars]

Explanation SNMP log warning message.

Recommended Action No action is required.

SNMPD-5

Error Message SNMPD-5-NOTIFICATION: SNMP log notification : [chars]

Explanation SNMP log notification message.

Recommended Action No action is required.

SNMPD-6

Error Message SNMPD-6-INFO: SNMP log informational : [chars]

Explanation SNMP log info message.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

SNMPD-7

Error Message SNMPD-7-DEBUG: SNMP log debugging : [chars]

Explanation SNMP log debug message.

Recommended Action No action is required.

SPAN Messages

This section contains the SPAN messages.

SPAN-2

Error Message SPAN-2-MEM_FULL: Memory allocation failed

Explanation Memory allocation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SPAN-3

Error Message SPAN-3-IPC_FAIL: IPC Error

Explanation Internal IPC error

Recommended Action No action is required.

Error Message SPAN-3-SYSINFO_TIMEOUT: Span timed out waiting for response from port manager for sys info

Explanation Span request for critical system information from port manager timed out. So, span on the new active is exiting and system manager will restart Span.

Recommended Action No action is required.

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SPAN-5

Error Message SPAN-5-ATL_VSAN_DEFAULT_ALL: Default to all VSANs for SPAN egress session

Explanation Generation 2 fabric switches support only one VSAN filter for egress SPAN session. If no or more than one VSANs are specified, SPAN will default to use all VSANs for the egress SPAN session

Recommended Action No action is required.

Error Message SPAN-5-SPAN_CFG_REJECT_SRC_VSAN_FILTER_NOT_SUPPORTED: Source interface [[chars]] in dir [[chars]] removed from session [[dec]].

Explanation Interface level VSAN filters is not supported

Recommended Action No action is required.

Error Message SPAN-5-SPAN_CFG_REJECT_VSAN_SRC_PRESENT: Source VSAN [[dec]] removed from session [[dec]].

Explanation Source VSANs are removed from the session as mixing of interface and VSANs is not supported.

Recommended Action No action is required.

Error Message SPAN-5-SPAN_PSS_CORRUPTION: Span is starting stateless due to PSS corruption

Explanation Due to unrecoverable PSS corruption error, SPAN starts stateless without any configuration

Recommended Action No action is required.

Error Message SPAN-5-STATELESS_RESTART_ON_ACTIVE: Span is restarting as Span on active sup was restarted stateless.

Explanation Due to unrecoverable error, Span on active supervisor was restarted stateless. So, the standby Span restarts to get in sync with the stateless Span on active.

Recommended Action No action is required.

Error Message SPAN-5-STATELESS_RESTART: Span is restarting stateless.

Explanation Due to unrecoverable error, Span is starting stateless. The currently active sessions will not be preserved. The user will have to reenter all the configuration.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

SPAN-6

Error Message SPAN-6-SESSION_DOWN: Session [dec] is inactive ([chars])

Explanation Session [dec] is inactive now. Traffic for this session is no longer spanned

Recommended Action Check the reason for session inactive using command 'show span session' and take corresponding action.

Error Message SPAN-6-SESSION_UP: Session [dec] is active, destination SD port [chars]

Explanation Session [dec] is active now. You can monitor Spanned traffic at the destination SD port

Recommended Action No action is required.

Error Message SPAN-6-STATELESS_SWITCHOVER: Span is starting stateless after switchover.

Explanation Active sessions are not preserved across switchover. Span is starting stateless and the configuration will be reapplied to get back the active configuration.

Recommended Action No action is required.

SPI Messages

This section contains the SPI messages.

SPI-SLOT#-2

Error Message SPI-SLOT#-2-SPI_INFO: [chars]

Explanation SPI Informational message

Recommended Action No action is required.

STP Messages

This section contains the STP messages.

Send document comments to nexus1k-docfeedback@cisco.com

STP-2

Error Message STP-2-BLOCK_BPDUGUARD: Received BPDU on port [chars] with BPDU Guard enabled. Disabling port.

Explanation A BPDU was received in the interface specified in the error message that has the spanning tree BPDU Guard feature enabled. As a result, the interface was administratively shut down.

Recommended Action Either remove the device sending BPDUs or disable the BPDU Guard feature. The BPDU Guard feature can be locally configured on the interface or globally configured on all ports that have portfast enabled. After the conflict has been resolved, re-enable the interface by entering the <CmdBold>no shutdown</CmdBold> command in interface configuration mode.

Error Message STP-2-BLOCK_DETECTED_PVST_PEER: Blocking port [chars] [PVST peer detected].

Explanation The listed interface received SSTP BPDU indicating that peer is running PVST and will be held in spanning tree blocking state until the interface stops receiving SSTP BPDUs

Recommended Action Either enable PVST simulation configuration for the interface or make sure the port peer is not PVST switch

Error Message STP-2-BLOCK_PVID_LOCAL: Blocking [chars] on [chars]. Inconsistent local vlan.

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the Port VLAN ID (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of the listed interface.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-2-BLOCK_PVID_PEER: Blocking [chars] on [chars]. Inconsistent peer vlan.

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the port VLAN Id (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of interface on the peer switch to which the listed interface is connected.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

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Error Message STP-2-BRIDGE_ASSURANCE_BLOCK: Bridge Assurance blocking port [chars] [chars].

Explanation BPDUs were not received from a neighboring switch on the interface that has spanning tree Bridge Assurance configured. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-BRIDGE_ASSURANCE_UNBLOCK: Bridge Assurance unblocking port [chars] [chars].

Explanation The interface listed in the message has been restored to normal spanning tree state after receiving BPDUs from the neighboring L2 switch/bridge

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-DISPUTE_CLEARED: Dispute resolved for port [chars] on [chars].

Explanation The listed interface has stopped receiving Inferior BPDUs with designated role and state as learning and/or forwarding. The Dispute has been resolved and if the port is still designated, it will be taken out of the blocking state as and when appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-DISPUTE_DETECTED: Dispute detected on port [chars] on [chars].

Explanation The spanning tree has detected a Dispute on this interface. The BPDU received from the peer is Inferior with designated role and state as learning and/or forwarding. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as disputed in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports</noCmdBold> command to review the list of interfaces with Dispute. Dispute is caused if the peer is not receiving the Superior BPDUs sent by this interface. That is why the peer continues to send its own Inferior BPDUs. Determine why devices connected to the listed ports are not receiving BPDUs. One reason could be a failure in the cable: if the link has a failure that makes it unidirectional (you can not transmit but you can receive) it should be replaced with a proper cable.

Error Message STP-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation STP encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message STP-2-LOOPGUARD_BLOCK: Loop guard blocking port [chars] on [chars].

Explanation The spanning tree message age timer has expired because and no BPDUs were received from the designated bridge. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as loop guard inconsistent in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports</noCmdBold> command to review the list of interfaces with loop guard inconsistencies. Determine why devices connected to the listed ports are not sending BPDUs. One reason could be that they do not run the spanning tree protocol; in this case you should disable loopguard in the inconsistent interface/s or start the spanning tree protocol on the other side of the link/s. depending on the context. Another reason could be a failure in the cable: if the link has a failure that makes it unidirectional (you can transmit but you can not receive) it should be replaced with a proper cable.

Error Message STP-2-LOOPGUARD_CONFIG_CHANGE: Loop guard [chars] on port [chars].

Explanation The spanning tree loopguard configuration for the listed interface has been changed. If enabled, the interface will be put into blocking state and marked as loopguard inconsistent when the message age timer expires because no BPDU were received from the designated bridge. This feature is mainly used to detect unidirectional links

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

Error Message STP-2-LOOPGUARD_UNBLOCK: Loop guard unblocking port [chars] on [chars].

Explanation The listed interface has received a BPDU and therefore if the inconsistency was due to an unidirectional link failure, now the problem is not there anymore. The loop guard inconsistency is cleared for the interface which is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-PVSTSIM_FAIL: Blocking [chars] port [chars]: Inconsistent [chars] PVST BPDU received on VLAN [dec], claiming root [chars]

Explanation When a MST switch is connected to a PVST+ switch, the CIST (MST00) information on the port of the MST switch must be consistently better than all the PVST+ messages if the port is designated or consistently worse than all the PVST+ messages if the port is root. If this constraint is not respected, the port on the MST switch is blocked in order to prevent a potential bridging loop

Recommended Action When STP is converging after a new switch, or switch port is added to the topology, this condition may happen transiently. The port unblocks automatically in such cases. If the port remains blocked, identify the root bridge as reported in the message, and configure a worse or better priority for the VLAN spanning tree consistent with the CIST role on the port of the MST switch. There could be more inconsistencies than the message indicates, and the port will not recover until all such inconsistencies are cleared. If you cannot determine which other VLANs have inconsistencies, disable and reenble the port. This message will appear again and specify another VLAN with inconsistencies to be fixed. Repeat this process until all inconsistencies on all VLANs are cleared.

Send document comments to nexuslk-docfeedback@cisco.com

Error Message STP-2-PVSTSIM_OK: PVST Simulation inconsistency cleared on port [chars].

Explanation The listed interface is no longer receiving PVST BPDUs advertising an information inconsistent with the CIST port information. The PVST Simulation Inconsistency is cleared and the interface returns to normal operation

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-RECV_BAD_TLV: Received SSTP BPDU with bad TLV on [chars] [chars].

Explanation The list interface received a SSTP BPDU that was missing the VLAN id tag. The BPDU is discarded.

Recommended Action No action is required.

Error Message STP-2-RECV_PVID_ERR: Received BPDU with inconsistent peer vlan id [dec] on [chars] [chars].

Explanation The listed interface received a SSTP BPDU that is tagged with a VLAN id that does not match the VLAN id on which the BPDU was received. This occurs when the native VLAN is not consistently configured on both ends of a 802.1Q trunk.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-2-ROOTGUARD_BLOCK: Root guard blocking port [chars] on [chars].

Explanation A BPDU was received on the listed interface which advertizes a superior spanning tree root bridge to that currently in use. The interface is put into blocking state and marked as root guard inconsistent in order to prevent a suboptimal spanning tree topology to form.

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports</CmdBold> command to review the list of interfaces with root guard inconsistencies. Determine why devices connected to the listed ports are sending BPDUs with a superior root bridge and take action to prevent further occurrences. Once the bogus BPDUs have been stopped, the interfaces will automatically recover and resume normal operation. Make sure that it is appropriate to have root guard enabled on the interface.

Error Message STP-2-ROOTGUARD_CONFIG_CHANGE: Root guard [chars] on port [chars].

Explanation The spanning tree root guard configuration for the listed interface has been changed. If enabled, any BPDU received on ths interface which advertizes a superior spanning tree root bridge to that already in use will cause the interface to be put into blocking state and marked as root guard inconsistent.

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

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Error Message STP-2-ROOTGUARD_UNBLOCK: Root guard unblocking port [chars] on [chars].

Explanation The listed interface is no longer receiving BPDUs advertizing a superior root bridge. The root guard inconsistency is cleared for the interface and then it is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-SET_PORT_STATE_FAIL: Port state change req to PIXM failed, status = [hex] [[chars]] vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The port set port state has failed. check port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-SET_PORT_STATE_TIMEOUT: Port state change req to PIXM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The port set port state has timedout. check port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-STP_INIT: STP initialization of [chars] [chars]

Explanation STP initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message STP-2-STP_ISSU_LC_RESET: STP resetting LC[dec] to prevent Loops during ISSU caused by a topology change in the network. Peer on [chars] [chars] could not be Disputed

Explanation This can happen as a result of a topology change in the network while the Linecard was undergoing ISSU. Since STP cannot change the port state to blocking on the Linecard undergoing ISSU, it will first try to prevent the Loop by causing a Dispute on the peer ports forcing them into blocking state. But if the peer does not support Dispute mechanism, and STP detects a potential Loop, it will reset the Linecard to prevent the Loop

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-UNBLOCK_CONSIST_PORT: Unblocking port [chars] on [chars]. Port consistency restored.

Explanation The Port VLAN ID and/or Port Type inconsistencies have been resolved and spanning tree will now unblock the listed interface of the listed spanning tree instance as appropriate.

Recommended Action LOG_STD_NO_ACTION

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Error Message STP-2-UNBLOCK_DETECTED_PVST_PEER: Unblocking port [chars] [PVST peer detected].

Explanation The listed interface has stopped receiving SSTP BPDUs and so will be restored to normal spanning tree state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-VLAN_PORT_LIMIT_EXCEEDED: The number of vlan-port instances ([dec]) exceeded [[chars] mode] recommended limit of [dec]

Explanation The total number of individual VLAN ports, in the spanning tree mode specified in the error message, has exceeded the limit specified in the error message. VLANs can be counted more than once; if VLAN 1 is carried on 10 interfaces, it will count as 10 VLAN ports. Note that bundling is ignored for purposes of this count; if 8 interfaces on the same module are in one bundle, and the port channel is carrying VLAN 1, it will count as 1 VLAN ports.

Recommended Action Reduce the number of trunks and VLANs configured in the switch. Keep the VLAN port count below the recommended limit specified in the configuration documentation. Enter the <CmdBold>show interface trunk<NoCmdBold> command to see the total number of trunks and VLANs.

Error Message STP-2-VPC_PEER_LINK_INCONSIST_BLOCK: vPC peer-link detected [chars] blocking [chars] [chars].

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-VPC_PEER_LINK_INCONSIST_ERRDISABLE: vPC Peer-link detected [chars]. Disabling [chars].

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the vPC Peer-link was administratively shut down.

Recommended Action Please resolve the inconsistency reported in this message on the vPC Peer link. After the conflict has been resolved, re-enable the interface by entering the <CmdBold>no shutdown<NoCmdBold> command in interface configuration mode.

Error Message STP-2-VPC_PEER_LINK_INCONSIST_UNBLOCK: vPC peer-link inconsistency cleared unblocking [chars] [chars].

Explanation VPC Peer-link inconsistency is cleared and the vPC interface listed in the message has been restored to normal spanning tree state.

Recommended Action LOG_STD_NO_ACTION

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STP-3

Error Message STP-3-BLOCK_PORT_TYPE: Blocking [chars] on [chars]. Inconsistent port type.

Explanation The listed interface is being held in spanning tree blocking state until the port type inconsistency is resolved.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-3-PORT_SELF_LOOPED: Received BPDU src mac same as that of port. Port self loopback detected. Port [chars] being disabled

Explanation The source MAC address contained in a BPDU received on the listed interface matches the MAC address assigned to that interface. This indicates the possibility that a port is looped back to itself, possibly due to a diagnostic cable being plugged in. The interface will be administratively shutdown.

Recommended Action Check the interface configuration and any cable plugged into the interface. Once problem resolved, re-enable interface by doing a no shutdown in the interface configuration. Copy the error message as it is printed and also copy the output of a show interface for the interface listed in the error message.

Error Message STP-3-RECV_1Q_NON_TRUNK: Received 802.1Q BPDU on non trunk [chars] [chars].

Explanation A SSTP BPDU was received on the listed interface that was not operationally a trunk.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (none, ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

STP-4

Error Message STP-4-FORWARDTIME_CONFIG_CHANGE: Forward Delay time change to [dec] seconds for instance [chars] is not recommended as it can cause STP data loops during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade

Explanation It is strongly recommended to avoid changing forward delay time value to less than the default value of 15 seconds since it can cause STP data loops during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the forward delay time to be greater than or equal to the default value of 15 seconds

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Error Message STP-4-HELLOTIME_CONFIG_CHANGE: Hello time change to [dec] seconds for instance [chars] is not recommended as it can trigger STP Topology Changes during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade

Explanation It is strongly recommended to avoid changing Hello time value to less than the default value of 2 seconds since it can trigger STP Topology change during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the hello time to be greater than or equal to the default value of 2 seconds.

Error Message STP-4-MAC_ADDR_FLUSH_REQ_TIMEOUT: MAC Address Flush req to L2FM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The MAC Address Flush Request to L2FM has timedout. check port

Recommended Action LOG_STD_NO_ACTION

STP-6

Error Message STP-6-FIRST_BPDU_TX: First BPDU transmitted

Explanation First BPDU transmitted.

Recommended Action No action is required.

Error Message STP-6-MST_DIGEST: MST digest changed to [chars], pre-std digest changed to [chars]

Explanation MST Region configuration has changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-MST_PORT_BOUNDARY: Port [chars] [chars] as MST Boundary port

Explanation MST Boundary port status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-MST_PORT_PRE_STANDARD: Port [chars] [chars] as MST Pre-standard port.

Explanation MST pre-standard status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

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Error Message STP-6-PORT_ADDED: Interface [chars], added to [chars] with role [chars], state [chars], cost [dec], priority [dec], link-type [chars]

Explanation This spanning tree port has been added

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_COST: Port [chars] instance [chars] cost changed to [dec]

Explanation The spanning tree port cost has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_DELETED: Interface [chars], removed from [chars]

Explanation This spanning tree port has been deleted

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_LINK_TYPE: Port [chars] instance [chars] link changed to [chars]

Explanation The spanning tree port link type has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_PRIORITY: Port [chars] instance [chars] priority changed to [dec]

Explanation The spanning tree port priority has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_ROLE: Port [chars] instance [chars] role changed to [chars]

Explanation The spanning tree port role has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_STATE: Port [chars] instance [chars] moving from [chars] to [chars]

Explanation The Spanning-Tree port has changed state.

Recommended Action LOG_STD_NO_ACTION

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Error Message STP-6-PRESTD_NEIGH: This switch has received a pre-standard MST BPDU on port [chars]: Invoking pre-standard MST BPDU transmission on this port.

Explanation The switch has received a pre-standard MST BPDU on a port. The switch will automatically adjust its mode of operation on this port and will start sending pre-standard BPDUs.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-ROOT: Root bridge for [chars] changed to [chars]

Explanation The spanning tree root bridge has changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-SERVICE_UP: Initialized [chars]

Explanation STP line 2.

Recommended Action No action is required.

Error Message STP-6-STATE_CREATED: Internal state created [chars]

Explanation STP has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

SVC_BATTERY Messages

This section contains the SVC_BATTERY messages.

SVC_BATTERY-SLOT#-2

Error Message SVC_BATTERY-SLOT#-2-BATTERY_NOT_OPERATIONAL: Battery [dec] temperature [dec] C is outside the operational range (-10C to 65C).

Explanation The battery temperature is outside the operational range (-10C to 65C).

Recommended Action Verify fan operation with [show environment fan], and take action to cool down the switch.

Error Message SVC_BATTERY-SLOT#-2-BATTERY_NOT_PRESENT: Battery [dec] is not present.

Explanation The line card does not have sufficient number of batteries. Two batteries are needed.

Recommended Action Remove the line card and plug in batteries in the battery slots that are empty.

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Error Message SVC_BATTERY-SLOT#-2-CHARGING_DISABLED: Temperature outside permitted range for battery charging (5C-40C).

Explanation The temperature of the linecard is not within the range to permit battery charging.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-2-CHARGING_FAILURE: Charging failure in battery [dec] ([hex]).

Explanation The module encountered failures while charging a battery.

Recommended Action Replace the battery.

Error Message SVC_BATTERY-SLOT#-2-CLOCK_INCORRECT: System clock is running behind, battery conditioning will be affected.

Explanation The Vegas system clock is running behind the actual time. This will affect the battery conditioning.

Recommended Action Use clock set CLI command to set the correct time

Error Message SVC_BATTERY-SLOT#-2-COMMUNICATION_FAILURE: Communication failure with battery [dec].

Explanation The module encountered failures while communicating with a battery.

Recommended Action Replace the battery.

Error Message SVC_BATTERY-SLOT#-2-CONDITIONING_DISABLED: Temperature outside permitted range for battery conditioning (5C-40C).

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-2-DISCHARGING_FAILURE: Discharging failure in battery [dec] ([hex]).

Explanation The module encountered failures while discharging a battery.

Recommended Action Replace the battery.

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SVC_BATTERY-SLOT#-4

Error Message SVC_BATTERY-SLOT#-4-BATTERY_CAPACITY_LOW: Battery capacity is below the required threshold.

Explanation The battery is lower than the required threshold.

Recommended Action Make sure the temperature is within the range to allow charging.

SVC_BATTERY-SLOT#-6

Error Message SVC_BATTERY-SLOT#-6-BATTERY_CAPACITY_OK: Battery capacity is above the required threshold.

Explanation The battery is above the required threshold.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_CANCELLED: Temperature outside permitted range for battery conditioning (5C-40C). Battery [dec] conditioning cancelled.

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_COMPLETED: Conditioning of battery [dec] completed successfully.

Explanation Conditioning process started for a battery is completed successfully.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_RESUMED: Conditioning of battery [dec] resumed.

Explanation Conditioning process for a battery is resumed.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_STARTED: Conditioning of battery [dec] started.

Explanation Conditioning process started for a battery

Recommended Action No action is required.

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SVC Messages

This section contains the SVC messages.

SVC-0

Error Message SVC-0-NODE_EMERG_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-1

Error Message SVC-1-NODE_ALERT_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-2

Error Message SVC-2-NODE_CRIT_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-2-SVC_SYSLOG_INIT_FAILED: Initialization failed for SVC: [chars], Reason: [hex]

Explanation Initialization failed for SVC

Recommended Action No action is required.

Error Message SVC-2-SVC_SYSLOG_NO_PORT_CHAN: Too many PortChannels allocated by user for interface [chars]

Explanation SVC interface needs PortChannels to operate. Too many PortChannels have been allocated by the user for the interface to operate correctly.

Recommended Action Please delete unneeded user configured PortChannels and shutdown the SVC interface. Once complete, please bring the SVC interface back up.

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Error Message SVC-2-SVC_SYSLOG_PATH_FAILURE: System health detected SVC packet path failure for [chars].

Explanation The CSM has been brought down by the System Health monitor. System Health has detected a failure in the packet path between the SVC interface on the CSM and the backplane. This System Health test is run periodically.

Recommended Action Issue a no shutdown on the SVC interface to bring the node back online. If a subsequent packet path failure occurs, the CSM module should be replaced.

Error Message SVC-2-SVC_SYSLOG_URIFS_FAILURE: [chars] is unreachable for reason: [chars]

Explanation SVC interface modflash is not accessible. Modflash is the name of the filesystem local to the SVC interface, and is typically used for coredumps and temporary file transfers.

Recommended Action Please shutdown and bring up the SVC interface in question to regain access to the modflash filesystem.

SVC-3

Error Message SVC-3-NODE_ERR_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_ACTIVATE_CLUSTER_IP_FAILED) Activate cluster IP failed [chars]

Explanation Unable to activate the cluster IP for the config node. It will not be possible to execute configuration commands.

Recommended Action 1. Shutting the interfaces of the node will force this node out of the cluster and cause another node to become the config node, which should restore the ability to execute configuration commands. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_FAILURE) Battery Failed [chars]

Explanation The battery module on the Caching Services Module has failed. The nodes on the CSM will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DISK_FAILURE)
Internal Disk Drive Failed [chars]

Explanation The internal disk drive for the node on the Caching Services Module has failed. The node will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_DUMP_RESTORE_FAILED) Restore of hardened data failed [chars]

Explanation Restore of customer data failed. This error will be accompanied by other log entries.

Recommended Action Examine the log for other error entries and follow the actions recommended. If no other entries are found: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_INVALID_BATT_CAPACITY) Get battery capacity failed [chars]

Explanation The process was unable to get the battery capacity. Possibly due to communication failures with the CPP processor in the line card. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_OPEN_COMMITTED_FILE_FAILED) Error attempting to open file [chars]

Explanation Process was unable to open the committed file. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_SET_BATT_THRESHOLD_FAILED) Set battery threshold failed [chars]

Explanation The process was unable to set the battery threshold. Possibly due to fatal communication failures with the power management module in the line card or the power management module has crashed. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_IC_EV_NODE_DISENFRANCHISED) Node missing [chars]

Explanation A node is missing from the cluster.

Recommended Action 1. If it is not obvious which node in the cluster has failed, check the status of the nodes and find the node with a status of offline. 2. Repair the failing node. 3. When the repair has been completed, this error will automatically be marked as fixed. 4. Check the node status. If all the nodes in the cluster are now online, but the error in the log has not been marked as fixed, manually mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_PL_ER_CLUSTER_PATH_FAILURE) Cluster path failure [chars]

Explanation A cluster path has failed. The node is unable communicate with all the other nodes in the cluster.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the node port. If the status of the port shows as online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_CPU_QUANTITY)
Processor change detected [chars]

Explanation The Caching Services Module is failing.

Recommended Action 1. Replace the Caching Services Module. 2. Check node status. If all nodes show a status of online, mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_DISK_FULL) Node
hard disk full [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Delete files from the /dumps directory. 3. Run a configuration dump and a logged data dump. Save the dump data. 4. Ask IBM Product Support for assistance. 5. Mark the error you have just repaired as fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_FAIL)
Logical Fibre Channel port reported failed [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_QUANTITY)
Logical Fibre Channel port missing [chars]

Explanation No active/functioning FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_PORT_QUANTITY)
Logical Fibre Channel port reported not operational [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_NODE_WARMSTART)
Node warmstarted due to software error [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_POWER_DOMAIN)
Power domain error [chars]

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MDISK_GROUP_OFFLINE)
A Managed Disk group is offline [chars]

Explanation An Mdisk group is offline.

Recommended Action 1. Repair the enclosure or disk controller. 2. Start a cluster discovery operation. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MED_ERRS_TOO_HIGH) Media errors on back-end Managed Disk [chars]

Explanation Media errors on backend managed disk.

Recommended Action 1. Repair the enclosure or disk controller. \ 2. Include the managed disk into the cluster. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_BASE_EVENT_RESOURCE_RAN_OUT) Software error [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CONTROLLER_CONFIG_INVALID) Incorrect controller configuration [chars]

Explanation Incorrect disk controller configuration.

Recommended Action 1. Using service documentation for the disk controller, check that the correct configuration is set up for the disk controller. See also the IBM TotalStorage SAN Volume Controller for Cisco MDS 9000: Configuration Guide. 2. Mark the error you have just repaired as fixed. 3. Start a cluster discovery operation.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_PORT_LOGIN_LOSS) Number of controller logins reduced [chars]

Explanation The number of controller logins has been reduced. One possible cause is that the user intentionally reconfigured the system.

Recommended Action 1. Check whether the controller has regained connectivity. If it has not, check the cable connection to the remote-device port. 2. If all logins to a remote-device port have failed and you cannot solve the problem by changing cables, check the condition of the remote-device port and the condition of the remote device. 3. Start a cluster discovery operation. 4. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired as fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_RESOURCE_RAN_OUT) Too many controllers were presented to the cluster [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERP) Error Recovery Procedure occurred [chars]

Explanation A managed disk error recovery procedure (ERP) has occurred. This error has been reported because a large number of disk error recovery procedures have been performed by the disk controller. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. View the error log entry and determine the managed disk that was being accessed when the problem was detected. (Note that the sense data from the disk controller is recorded in the cluster error log and can be accessed there. This data is not available in the switch system log.) 2. Perform the disk controller problem determination and repair procedures for the mdisk determined in step 1. 3. Perform fibre channel switch problem determination and repair procedures for the fibre channel switches containing the node, and connected to the disk controller that is managing the mdisk, and any fibre channel switches in the fibre channel path between those switches. 4. If any problems are found and resolved in steps 2 and 3, mark this error as fixed. 5. If no switch or disk controller failures were found in steps 2 and 3, take an error log dump. Call your hardware support center.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERROR) Managed Disk I/O error [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD) Managed Disk error count threshold exceeded [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_TIMEOUT_OVERALL) Timeout due to excessive processing time [chars]

Explanation A managed disk has timed out. This error has been reported because a large number of disk timeout conditions have been detected. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. Repair problems on all disk controllers and switches on the same SAN as this cluster. 2. If problems are found, mark this error as fixed. 3. If no switch or disk controller failures can be found, take an error log dump and call your hardware support center.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOCAL_PORT_EXCLUDED) Local FC port excluded [chars]

Explanation A local fibre-channel port has been excluded.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the disk controller. If all disk controllers show good status, mark the error you have just repaired fixed. 3. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOGIN_EXCLUDED) Login excluded [chars]

Explanation Login has been excluded.

Recommended Action 1. In the sequence shown, exchange the FRUs for new FRUs: Fibre Channel cable, switch to remote port. 2. Start a cluster discovery operation to recover the login. 3. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 4. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LUN_RESOURCE_RAN_OUT) Too many LUNs were presented to a node [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_ACCESS_INVALID) Access beyond end of disk, or Managed Disk missing [chars]

Explanation The error that is logged in the cluster error log indicates a software problem either in the cluster, or in a disk enclosure or disk controller that is connected to the node.

Recommended Action 1. Ensure that the software is at the latest level on the cluster and on the disk controllers. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_DEVICE_PORT_EXCLUDED) Remote Port excluded for a specific Managed Disk and Node [chars]

Explanation A remote fibre-channel port has been excluded.

Recommended Action 1. View the error log. Note the mdisk ID associated with the error code. 2. Using the mdisk ID, determine the failing disk controller. 3. Refer to the service documentation for the disk enclosure or disk controller and the fibre-channel network fabric to resolve the reported problem. 4. Start a cluster discovery operation to recover the excluded fibre-channel port. 5. Include the managed disk that you noted in step 1. 6. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 7. If all disk controllers do not show a good status, contact the IBM support center to resolve the problem with the disk controller.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_EXCLUDED) Managed Disk excluded due to excessive errors, or all device ports excluded [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If all managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_INITIALISE_INVALID) Invalid blocksize, capacity or LUN identity has changed during Managed Disk initialisation [chars]

Explanation Access beyond end of disk. The initialization of the managed disk has failed.

Recommended Action 1. Check the status of the managed disk and of the managed-disk group. 2. Include the managed disk into the cluster. 3. Check the managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed. 4. If not all managed disks show a status of online, check the status of the disk controller.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_RESOURCE_RAN_OUT) Too many Managed Disks were presented to the cluster [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_QUORUM_DISK_CREATION_FAILURE) A suitable Managed Disk for use as a
Quorum Disk was not found [chars]

Explanation No Mdisk is suitable for use as a quorum disk. When a cluster is created three disks are automatically selected as quorum disks. A quorum disk is needed to enable a tie-break when some cluster members are missing. To become a quorum disk: The Mdisk must be accessible by all nodes in the cluster and the Mdisk must have free extents. This error code is produced when at least one quorum disk is not accessible by all nodes in the cluster. A quorum disk might not be available because of a fibre-channel network failure or because of a fibre-channel switch zoning problem.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Ask the customer to confirm that Mdisks have been created and that those mdisk have free extents. 3. List the managed disks. If at least one managed disk shows a mode of managed, mark the error you have just repaired as fixed. 4. If the customer is unable to make the appropriate changes, ask IBM Software Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_QUORUM_DISK_NOT_AVAILABLE) Quorum Disk not available [chars]

Explanation One or more quorum disks were not discovered by the node.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Check managed disk status. If any managed disks are offline or excluded perform the disk controller problem determination and repair procedures for the managed disks. 3. Start a cluster discovery operation. 4. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ALL_SSH_KEYS_REMOVED
) Attempt to delete SSH keys (no effect) [chars]

Explanation 'svctask rmallsshkeys' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_REMOTE_CREATEPARTNERSHIP) Remote Copy partnership created [chars]

Explanation 'svctask mkpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEPARTNERSHIP) Remote Copy partnership deleted [chars]

Explanation 'svctask rmpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYPARTNERSHIP) Remote Copy partnership modified [chars]

Explanation 'svctask chpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_ADDED) Attempt to add SSH key (no effect) [chars]

Explanation 'svctask addsshkey' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_REMOVED) Attempt to delete SSH key (no effect) [chars]

Explanation 'svctask rmsshkey' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_CR_START) Cluster recovery required [chars]

Explanation The node has detected that cluster recovery is required and is waiting for human intervention to continue.

Recommended Action Contact IBM Product support for assistance.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_CORRUPT) Node data corrupted - node rejected from cluster [chars]

Explanation Node data is readable but corrupted. The node has been rejected from the cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_UNREADABLE) Node data unreadable - node rejected from cluster [chars]

Explanation Node data could not be read. The node has been rejected from the the from cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_HDW_CONFIG) Processor not valid [chars]

Explanation The node has detected unexpected differences in the processor vital data.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MEM_SIZE) Memory size error [chars]

Explanation The detected memory size does not match the expected memory size for the cluster.

Recommended Action A memory module on the Cisco MDS 9000 Caching Services Module is probably faulty. Reload the node. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MISSING_RES) Unable to form a cluster due to lack of cluster resources [chars]

Explanation The node is unable to locate sufficient other nodes in the cluster and/or \ the quorum disk controller needed in order to form a cluster.

Recommended Action Check the status of the quorum disk controller and the other nodes in the cluster. If the quorum disk has failed, perform the problem determination procedures for the disk \ controller. Otherwise perform problem determination on the missing nodes and network.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_NO_FABRIC) The node is unable to see the FC fabric [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_PWR_DMN_ERR) Power domain error [chars]

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine if both nodes on the Caching Services Module are in fact in the same IO group. If so, determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module. If not, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_REPEATED_ASSERTS) Node repeatedly crashing due to a software fault [chars]

Explanation The number of software faults has exceeded the maximum allowed for the time period.

Recommended Action 1. Delete the node from the cluster. 2. Try to add the node back into the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_RESET_AND_REJECT) Node data not found - node rejected from cluster [chars]

Explanation Node data was not found. The node has been rejected from the the from cluster.

Recommended Action Examine error logs to determine if another recorded error caused the loss of the node data and, if so, follow the actions for that error. If no other error was recorded, the node may have lost power without saving data or been reset. Attempt to determine the cause of the power loss or reset. If no cause can be determined, then: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-SVC_SYSLOG_IF_INTERNAL_ERROR: Interface [chars] internal error: [chars]

Explanation SVC interface internal error

Recommended Action No action is required.

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Error Message SVC-3-SVC_SYSLOG_LC_INTERNAL_ERROR: Unable to send MTS to linecard in slot [dec]: [chars]

Explanation Linecard MTS failure

Recommended Action No action is required.

Error Message SVC-3-SVC_SYSLOG_NPORT_INTERNAL_ERROR: [chars] N-port for Interface [chars], vsan [dec] internal error: [chars]

Explanation N-port internal error

Recommended Action No action is required.

SVC-4

Error Message SVC-4-NODE_WARNING_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_FIRST_DATA_PINNED) Customer data pinned [chars]

Explanation There is now pinned customer data. This warning is given when data is pinned and there wasn't already pinned data. Error log entries will exist for the underlying cause of the pinned data.

Recommended Action Perform problem determination on the error log to determine the cause of the pinned data and correct.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_HWS_TO_SYNCHRONOUS) Cache in write through mode due to pinned data [chars]

Explanation The cache must now operate in write through mode because of the amount of pinned data.

Recommended Action Perform problem determination on the error log to determine the cause of the pinned data and correct.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_BATT_BELOW_CAPACITY) Battery is below threshold capacity [chars]

Explanation Battery capacity is below threshold. The node will remain offline until the battery charge is sufficient to come up.

Recommended Action Wait for the battery to recharge. This may take many hours. If after several hours have passed and the node has not yet come up: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_CANNOT_OPEN_IO_PROCESS_Q) Internal error - IO process queue [chars]

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_DEACTIVATE_CLUSTER_IP_FAILED) Deactivate cluster IP failed [chars]

Explanation Unable to deactivate the cluster IP for the config node. The cluster IP should be deactivated by other checks. If that is not the case it may not be possible to execute configuration commands.

Recommended Action If there is a problem executing configuration commands: 1. Shutting the interfaces of the node will force this node out of the cluster and should cause the switch to deactivate the IP address associated with this node which should restore the ability to execute configuration commands. \ 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_DUMP_METADATA_FAILED) Node assert dump failed [chars]

Explanation A failure occurred writing out a node assert dump. Other log entries may accompany this error.

Recommended Action An initial error will have caused the node assert dump. Examine the log for that error and follow the recommended actions for that error. In addition examine the log for errors related to the internal disk drive. If found, follow the recommended actions. If no entries explain the failure to write the dump: 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_EXECVE_FAILED) Internal error - program launch [chars]

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_FORK_FAILED) Internal error - fork failed [chars]

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_INTERNAL_EXIT_LOGIC_ERR) Internal error - bad exit code [chars]

Explanation Node was warmstarted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_INTERNAL_UNKNOWN_EXEC_MODE) Internal error - run mode [chars]

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_IOP_EXITED_DUE_TO_SIGNAL) Internal error - signal caused exit [chars]

Explanation The IO process exited because of a signal which was not caught. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_IOP_STOPPED_DUE_TO_SIGNAL) Internal error - signal caused stop
[chars]

Explanation The IO process stopped because of a signal received. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_IOP_TERMINATED_ABNORMALLY) Internal error - abnormal exit [chars]

Explanation The IO process exited abnormally. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_OPEN_MSG_QUEUE_FAILED) Internal error - message queue [chars]

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_PTHREAD_CREATE_FAILED) Internal error - threads [chars]

Explanation The process was unable to create the needed threads. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_UNKNOWN_MESSAGE_TYPE) Internal error - message type [chars]

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WAITPID_FAILED) Internal error - waitpid failed [chars]

Explanation The process was unable to launch the IO program properly. Node was warmstarted due to this error.

Recommended Action If this error is repeated continuously, 1. Reload the node. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WARMSTART_MEMORY_FAILED) Internal error - warmstart memory device [chars]

Explanation The process was unable to warmstart the memory device. \ Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_MAPPING_STOPPED) FlashCopy has been stopped [chars]

Explanation A Flash Copy mapping task has been stopped because of an error. \ A stopped flash copy may affect the status of other VDisks in the same I/O group. Preparing the stopped flash copies as soon as possible is advised.

Recommended Action 1. Correct higher priority errors. Then, ask the customer to prepare and start the Flash Copy task again. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_FAILED) FlashCopy prepare failed due to cache flush failure [chars]

Explanation A Flash Copy prepare task has failed because a cache flush has failed.

Recommended Action 1. Correct higher priority errors, then retry the prepare tasks. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_STOP_COMPLETED) Flash Copy Stopped [chars]

Explanation The Flash Copy mapping or consistency group has entered the STOPPED state as a result of a user request to stop.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_ER_DIRECTORY_LIST_FAILED) Failed to obtain directory listing from
remote node [chars]

Explanation An attempt to clean or retrieve files from /dumps directory has failed because of a failure to get listing of the directory from the remote node.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_ER_FEATURISATION_VIOLATION) Featurisation violation [chars]

Explanation The user has allocated more virtualized storage than licensed for or established a Flash Copy mapping or Remote Copy relationship when these have not been licensed.

Recommended Action Look in the featurisation log for log entries of type 'Error' to determine the type of violation. The user then should then either reduce virtualized storage, remove the Flash Copy mapping or Remote Copy relationship, so as to be in compliance with their license; or update the license information if that is incorrect; or arrange with their IBM representative to purchase a license for the desired features.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_ER_TRANSFER_FILE_FAILED) Failed to transfer file from remote node
[chars]

Explanation An attempt to retrieve a file from /dumps directory has failed.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_NONE_OK
) Both nodes in the IO group are not available [chars]

Explanation Following node remove by the user, there are no nodes left in the IO group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_EV_UPGRADE_NODE_PENDED) Software upgrade process failed [chars]

Explanation A software upgrade has failed. This might be because of a hardware error or it might be because of a failure in the new version of the software. An automatic software downgrade is performed to restore the nodes to their previous software version. This will be indicated in the log by a 'Software downgrade complete' entry. If the downgrade operation fails to downgrade a node, for example because it is offline, the download operation will stop and wait for the offline SAN

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Volume Controller to be repaired or deleted from the cluster. While the downgrade operation is in progress, configuration commands sent to the cluster will fail with a message indicating that a software upgrade operation is still in progress. The downgrade operation might take up to three hours.

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, delete the offline node from the cluster. If the delete fails with a message indicating that a software upgrade is in progress, this means that the downgrade process is still active. Wait for this operation to either complete or stop on the offline node and then retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve all logged hardware problems 4. Ask the user to retry the software install. 5. If the installation fails again, report the problem to your software support center. 6. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_UPGRADE_PCK_DELIVERY_FAILED) Software install package cannot be delivered to all nodes [chars]

Explanation An error occurred while sending the software package to the nodes.

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, perform problem determination on the node and bring the node back online. Or, alternatively, delete the offline node from the cluster. 3. Retry the software retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve upgrade command. 4. If the installation fails again, report the problem to your software support center.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_PLIC_LINK) Connection to a configured remote cluster has been lost [chars]

Explanation This cluster is no longer able to communicate with the remote copy partner cluster.

Recommended Action Perform problem determination on the network and the other cluster.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_LSYNC) Remote Copy suffered loss of synchronization [chars]

Explanation In a remote-copy operation, the relationship has stopped and lost synchronization, for a reason other than a continuous I/O error.

Recommended Action 1. Correct higher priority errors, then restart the remote copy. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_PERS) Remote Copy suffered persistent error [chars]

Explanation A Remote Copy relationship has been stopped because of a continuous I/O error.

Recommended Action 1. Correct the higher priority errors, then retry the Remote Copy task. 2. Mark the error you have just repaired as fixed.

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Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_TIMEOUT)
Remote Copy retry timeout [chars]

Explanation Remote Copy was unable to find a path to the device in the remote cluster within the timeout period.

Recommended Action Perform problem determination on the network and remote cluster: Ensure that all nodes in both clusters are configured in the inter-cluster SAN or VSAN. Ensure that all virtual disks in the remote cluster are online.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_COPIED_MEDIUM_ERROR) I/O media error copied [chars]

Explanation During a copy or a migrate process a media error was copied to the destination disk.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_INSUFFICIENT_VIRTUAL_EXTENTS) Insufficient extents to create
Virtual Disk [chars]

Explanation There are not enough extents contained within the managed disk group to create the required virtual disk. This error can be logged if a migration is started and then a virtual disk is created which uses the extents that were to be used for the migration.

Recommended Action Add additional managed disks to the managed disk group or reduce the size of virtual disk to be created.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_MIGRATE_STOPPED) Migration stopped [chars]

Explanation The specific migration has been stopped due to errors occurring during migration, these errors have been logged.

Recommended Action Analyze the error log. Perform problem determination and correct any errors which have occurred. Migrate any specific extents which were not migrated due to the errors.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_MIGRATE_SUSPENDED) Migration suspended [chars]

Explanation Migration suspended.

Recommended Action 1. Ensure that all error codes of a higher priority have already been fixed. 2. Ask the customer to ensure that all mdisk groups that are the destination of suspended migrate operations have free extents available. 3. Mark this error as fixed. This will cause the migrate operation to be restarted. If the restart fails a new error will be logged.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_IO_MEDIUM_ERROR) A media error has occurred during I/O to a Managed
Disk [chars]

Explanation A disk I/O medium error has occurred.

Recommended Action 1. Ask the customer to rewrite the bad data to the block LBA reported in the host systems SCSI sense data. Note: If this error has occurred during a migration, the host system will notice the error until the target device is accessed. 2. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_IO_THRESHOLD_WARNING) Managed Disk error count warning threshold met
[chars]

Explanation IOs to the managed disk have experienced sufficient errors to generate this warning. If the managed disk continues to experience IO errors, the managed disk may be excluded.

Recommended Action Perform problem determination on the affected managed disk.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_LUN_DISCOVERY_FAILED) Discovery of LUN failed [chars]

Explanation The cluster has a connection to the device on the SAN through this node, but the device has not responded to the node in a manner consistent with a functional device LUN.

Recommended Action If there are device LUNs that should have been discovered by the node: 1) Perform a manual discovery. 2) Perform problem determination on the device.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_MDISK_PORT_PREFERENCE_IGNORED) Preferred port is not being used for
Managed Disk access [chars]

Explanation The preferred port designated by the back end controller is not being used for Managed Disk access. A port error or excluded port has prevented the use of the preferred port.

Recommended Action Perform problem determination on the controller and network to determine the cause of the port error or exclusion.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_NODERR_CR_FAILED)
Cluster recovery failed [chars]

Explanation Cluster recovery has failed and a software dump has been created.

Recommended Action Contact IBM Product support for assistance.

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Error Message SVC-4-SVC_SYSLOG_IF_INTERNAL_WARN: Interface [chars] internal warning: [chars]

Explanation SVC interface internal warning

Recommended Action No action is required.

Error Message SVC-4-SVC_SYSLOG_NPORT_INTERNAL_WARN: [chars] N-port for Interface [chars], vsan [dec] internal warning: [chars]

Explanation SVC interface internal warning

Recommended Action No action is required.

SVC-5

Error Message SVC-5-NODE_NOTICE_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_CONFIG_DELETED: Interface [chars] configuration was deleted[chars]

Explanation SVC interface configuration was deleted

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_DOWN: Interface [chars] is down

Explanation SVC interface is down

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_UP: Interface [chars] is up

Explanation SVC interface is up

Recommended Action No action is required.

SVC-6

Error Message SVC-6-NODE_INFO_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_EID_CA_EV_ALL_DATA_UNPINNED) All data now unpinned [chars]

Explanation All the customer data in the IO group is now unpinned.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_EID_CA_EV_HWS_TO_ASYNCHRONOUS) Pinned data reduced; cache can operate normally [chars]

Explanation Enough customer data has been unpinned that the cache is no longer required to operate in write through mode because of the pinned data. (Note that the cache may still operate in write through mode for other reasons.)

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_EID_EC_ER_BATT_OK) Battery recharged [chars]

Explanation Battery capacity has been restored to above threshold. The node will now come online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_EID_EC_ER_BATT_POWER_DOWN) Poweroff or power failure detected [chars]

Explanation The process has received a poweroff or power failure indication. The node is shutting down.

Recommended Action Restore power. If power was not removed and this occurs: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_EID_EC_ER_PWR_BUTTON) Power withdrawn [chars]

Explanation Node software was notified that AC power was being shut off or the Caching Services Module was being reset.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_COPY_COMPLETED)
Flash Copy Copied [chars]

Explanation The Flash Copy mapping or consistency group has entered the IDLE_COPIED state. The target disk now contains a complete copy and is no longer dependent on the source.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_COMPLETED)
Flash Copy Prepared [chars]

Explanation The Flash Copy mapping or consistency group has entered the PREPARED state. It is now possible to Start or Stop the mapping/group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_CLUSTER_RECOVERY_COMPLETE)
Cluster recovery completed [chars]

Explanation Cluster recovery has completed successfully.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_ONE_OK)
One node in the IO group is not available [chars]

Explanation Following node remove by the user, there is only one node left in the IO group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_SECURE_DELETE_COMPLETE)
Virtual Disk format completed [chars]

Explanation The formatting (writing all zeros) to new extents of the Virtual Disk has completed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_COLDSTART)
Node software started [chars]

Explanation The node software has been started (cold start).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_COPY_COMP)
Remote Copy complete [chars]

Explanation Background copy complete. The standalone relationship or consistency group has transitioned from 'Inconsistent Copying' to 'Consistent Synchronized'. This will only be logged on the cluster of the Primary Vitrual Disk(s).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_READY_TO_START)
Remote Copy ready to start [chars]

Explanation The remote copy relationship or consistency group, whic had been previously been stopped due to an error, is ready to be restarted. All resources are now online.

Recommended Action Restart the relationship or consistency group.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VG_EV_MIGRATE_COMPLETE)
Migration complete [chars]

Explanation Migration has completed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CLUSTER_FABRIC_VIEW_CHANGE)
Cluster fabric view has been updated.
[chars]

Explanation The node is in the process of discovering devices on the fabric.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_MAPPING)
Virtual Disk to Host SCSI mapping created [chars]

Explanation 'svctask mkvdiskhostmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_WWPN)
Port added to a Host [chars]

Explanation 'svctask addhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_CLUSTER_TIME) Attempt to change cluster time (no effect) [chars]

Explanation 'svctask setclustertime' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_TIMEZONE) Attempt to change time zone (no effect) [chars]

Explanation 'svctask settimezone' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DISCOVERY) Manual Managed Disk discovery invoked [chars]

Explanation 'svctask detectmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DUMP_CONFIG) Cluster config dumped to file [chars]

Explanation 'svctask dumpconfig' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_MODIFY) Cluster attributes modified [chars]

Explanation 'svctask chcluster' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_SHUTDOWN) Node or Cluster shutdown [chars]

Explanation 'svctask stopcluster' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_FC_MAPPING) Flash Copy mapping created [chars]

Explanation 'svctask mkfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_HOST) Host created [chars]

Explanation 'svctask mkhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_FC_MAPPING) Flash Copy mapping deleted [chars]

Explanation 'svctask rmfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_HOST) Hosts deleted [chars]

Explanation 'svctask rmhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_MAPPING) Virtual Disk to Host SCSI mapping deleted [chars]

Explanation 'svctask rmvdiskhostmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_PORT_HOST_LIST) Ports deleted from a Host [chars]

Explanation 'svctask rmhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_WWPN) Port deleted from a Host [chars]

Explanation 'svctask rmhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DEVICE_SET_NAME) Controller attributes modified [chars]

Explanation 'svctask chcontroller' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_ANALYSE) Error log analyzed [chars]

Explanation 'svctask finderr' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_CLEARLOG) Error log cleared [chars]

Explanation 'svctask clearerrlog' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_DUMPLOG) Error log dumped [chars]

Explanation 'svctask dumperrlog' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_FIX) Error log entry marked fixed [chars]

Explanation 'svctask cherrstate' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_CONSIST_GRP_SET_NAME) Flash Copy consistency group name modified
[chars]

Explanation 'svctask chfcconsistgrp -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_CREATE_CONSIST_GRP) Flash Copy consistency group created [chars]

Explanation 'svctask mkfconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_DELETE_CONSIST_GRP) Flash Copy consistency group deleted [chars]

Explanation 'svctask rmconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_SET_NAME) Flash
Copy mapping name modified [chars]

Explanation 'svctask chfcmap -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FEATURISATION_CHANGED) Licensed settings modified [chars]

Explanation 'svctask chlicense' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_PREPARE_CG)
Flash Copy consistency group prepared [chars]

Explanation 'svctask prestartfconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_START_CG)
Flash Copy consistency group started [chars]

Explanation 'svctask startfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_STOP_CG)
Flash Copy consistency group stopped [chars]

Explanation 'svctask stopfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_DELETE) Host
deleted [chars]

Explanation 'svctask rmhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_SET_NAME)
Host attributes modified [chars]

Explanation 'svctask chhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HWS_SET_NAME) IO
Group name modified [chars]

Explanation 'svctask chiogrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_IO_TRACE_FINISHED)
IO Tracing stopped [chars]

Explanation 'svctask stoptrace' or equivalent GUI/Cisco CLI command has been invoked, or the trigger occurred for a given Managed Disk, automatically stopping the trace.

Recommended Action Analyse the traces.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_GRP_ADD_MDISK) Managed Disk added to Managed Disk group [chars]

Explanation 'svctask addmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_GRP_CREATE) Managed Disk Group created [chars]

Explanation 'svctask mkmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_GRP_DELETE) Managed Disk Group deleted [chars]

Explanation 'svctask rmmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_GRP_DELETE_MDISK) Managed Disk deleted from Managed Disk group [chars]

Explanation 'svctask rmmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_GRP_SET_NAME) Managed Disk Group attributes modified [chars]

Explanation 'svctask chmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec] / [dec] SS_ERR_CFG_MDISK_SET_NAME) Managed Disk attributes modified [chars]

Explanation 'svctask chmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_UNSLANDER) Managed Disk online [chars]

Explanation The managed disk which was excluded is now online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MIGRATE) Virtual Disk migration to new Managed Disk group started [chars]

Explanation 'svctask migratevdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MODIFY_FC_MAPPING) Flash Copy mapping modified [chars]

Explanation 'svctask chfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_ADD) Node added [chars]

Explanation 'svctask addnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_CREATE_CLUSTER) Cluster created [chars]

Explanation 'cluster add' or equivalent GUI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_DELETE) Node deleted from cluster [chars]

Explanation 'svctask rmnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_PEND) Node Pend [chars]

Explanation The node has gone into the pending state. It will shortly go into the online or offline state.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_REMOVE) Node leaving cluster (expected) [chars]

Explanation The node has gone offline as expected due to shutdown, upgrade or deletion.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SET_NAME) Node attributes modified [chars]

Explanation 'svctask chnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SHUTDOWN) Node shutdown [chars]

Explanation 'svctask stopcluster -node' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_UNPEND) Node Unpend [chars]

Explanation The node has gone online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_PLANAR_SN_CHANGE) Attempt to change the Planar Serial Number (no effect) [chars]

Explanation 'svctask writeserenum' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_PRETRIGGER_FC_MAPPING) Flash Copy mapping prepared [chars]

Explanation 'svctask prestartfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_QUORUM_CREATE) Quorum disk set [chars]

Explanation 'svctask setquorum' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATECONSTGRP) Remote Copy consistency group created [chars]

Explanation 'svctask mkrconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATEREL) Remote Copy relationship created [chars]

Explanation 'svctask mkrrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETECONSTGRP) Remote Copy consistency group deleted [chars]

Explanation 'svctask rmconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEREL) Remote Copy relationship deleted [chars]

Explanation 'svctask rmrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYCONSTGRP) Remote Copy consistency group modified [chars]

Explanation 'svctask chrconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYREL) Remote Copy relationship modified [chars]

Explanation 'svctask chrrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START) Remote Copy relationship started [chars]

Explanation 'svctask startrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START_CG) Remote Copy consistency group started [chars]

Explanation 'svctask startconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP) Remote Copy relationship stopped [chars]

Explanation 'svctask stoprelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP_CG) Remote Copy consistency group stopped [chars]

Explanation 'svctask stopconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH) Remote Copy relationship switched [chars]

Explanation 'svctask switchrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH_CG) Remote Copy consistency group switched [chars]

Explanation 'svctask switchrcrconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SERVICE_APPLY_SOFTWARE) Software upgrade command accepted [chars]

Explanation 'cluster upgrade svc-system' or equivalent GUI command has been invoked. The command has been accepted. Additional log entries will track the progress of the upgrade.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_STOP_FC_MAPPING) Flash Copy mapping stopped [chars]

Explanation 'svctask stopfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_TRIGGER_FC_MAPPING) Flash Copy mapping started [chars]

Explanation 'svctask startfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_BACKED_OFF) Software downgrade complete [chars]

Explanation The software upgrade process failed and all nodes have been restored to the previous level of code.

Recommended Action Perform problem determination on the cause of the upgrade failure and take corrective action before retrying the upgrade.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_COMPLETED)
Software upgrade complete [chars]

Explanation All nodes have successfully moved to the new code level, which will now be committed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_STARTED)
Software upgrade started [chars]

Explanation The software upgrade process has started (the first node is about to be upgraded).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_CREATE)
Virtual Disk created [chars]

Explanation 'svctask mkvdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_DELETE)
Virtual Disk deleted [chars]

Explanation 'svctask rmvdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_EXPAND)
Virtual Disk expanded [chars]

Explanation 'svctask expandvdisksize' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_VDISK_EXPAND_SINGLE_EXT) Virtual Disk expanded by single extent
[chars]

Explanation 'svctask addvdiskext' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENT) Extent migration started [chars]

Explanation 'svctask migrateexts' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENTS) Extent migration started [chars]

Explanation 'svctask migrateexts' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MODIFY_GOVERN) Virtual Disk throttling rate modified [chars]

Explanation 'svctask chvdisk -rate' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MOVE_HWS) Virtual Disk IO Group changed [chars]

Explanation 'svctask chvdisk -iogrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SET_NAME) Virtual Disk name modified [chars]

Explanation 'svctask chvdisk -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SHRINK) Virtual Disk shrunk [chars]

Explanation 'svctask shrinkvdisksizes' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message SVC-6-SVC_SYSLOG_CL_CONFIG: Node [chars] has become config node of cluster [chars]

Explanation SVC interface has because cluster config node

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_CL_JOIN: Node [chars] has joined cluster [chars]

Explanation SVC interface has joined cluster

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_CL_UNJOIN: Node [chars] has left cluster [chars]

Explanation SVC interface has left cluster

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_LC_WWN_PURGE: All WWNs for module [dec] have been purged [chars]

Explanation SVC linecard has purged all WWNs

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_VSAN_INACTIVE: Vsan [dec] suspended

Explanation Vsan was suspended; can cause warnings

Recommended Action No action is required.

SVC-7

Error Message SVC-7-NODE_DEBUG_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SYSMGR Messages

This section contains the SYSMGR messages.

Send document comments to nexus1k-docfeedback@cisco.com

SYSMGR-2

Error Message SYSMGR-2-BOOTSCOPE_HANDSHAKE: Service [chars] is in the boot scope, but tried a regular handshake. Discarding request.

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CFGERASE_ABORTED: Write erase aborted.

Explanation Write erase has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration snapshot.

Explanation The destination location for the snapshot-config could not be found.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration snapshot.

Explanation An attempt to copy the startup-config to snapshot-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED: Configuration snapshot aborted.

Explanation An attempt to save a snapshot of the startup-config has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGSYNC_FAILURE: Syncing of the configuration to the standby failed.

Explanation Syncing of the configuration to the standby failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

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Error Message SYSMGR-2-CFGWRITE_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration copy.

Explanation The destination location for the startup-config could not be found.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGWRITE_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGWRITE_ABORTED_LABEL: Unable to label the new configuration (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the new startup-config could not be stamped.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGWRITE_ABORTED_LOCK: Unable to lock the configuration (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the system could not lock the required configuration items.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CFGWRITE_ABORTED_LOG: Unable to open a log file for the new configuration: [chars] (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because a log file could not be created.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-CFGWRITE_ABORTED: Configuration copy aborted.

Explanation A configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

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Error Message SYSMGR-2-CFGWRITE_TIMEOUT_ABORT: Configuration copy aborted by timeout.

Explanation A service failed to store its configuration in the timeout period. The operation has been aborted.

Recommended Action No action is required.

Error Message SYSMGR-2-CFGWRITE_USER_ABORT: Configuration copy aborted by the user.

Explanation The user typed CTRL+C while the configuration was being saved, and the operation has been aborted.

Recommended Action No action is required.

Error Message SYSMGR-2-CONVERT_FUNC_FAILED: Conversion function failed for service [chars] (error-id [hex]).

Explanation This message indicates that the conversion function failed for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_FUNC_NOTFOUND: Conversion function not found for service [chars].

Explanation This message indicates that the system could not find appropriate conversion function for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_LIB_NOTFOUND: Conversion library not found for service [chars].

Explanation This message indicates that the system could not find conversion library for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_STARTUP_ABORTED: Conversion of startup-config failed.

Explanation This message indicates that the conversion of startup configuration was aborted.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

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Error Message SYSMGR-2-CONVERT_ZIPPING_FAILED: Failed to zip the converted startup configuration.

Explanation This message indicates that conversion of the startup configuration failed when system was trying to zip the converted configuration.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CORE_SAVE_FAILED: [chars]: PID [dec] with message [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-2-CREATE_DONEFILE_FAILED: Creating /var/run/sysmgr.initdone failed with return value: ([dec]).

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-DELETE_BINARY_STARTUP_FAILED: Deletion of binary startup config failed during boot (error-id [hex]).

Explanation This message indicates that the deletion of the binary startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-FORMAT_FAILURE_SUP_RESET: Failure to format a partition successfully causing sup to reset.

Explanation The partition used to store non-volatile pss files could not be formatted successfully. The supervisor will be reset.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-GSYNC_ABORT: Global sync aborted by signal.

Explanation The initial synchronization of the services has been aborted. The synchronization will be attempted again later.

Recommended Action Use the command 'reload module <mod>' to reset the standby supervisor if you want to try again.

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Error Message SYSMGR-2-GSYNC_GET_TIMEOUT: Request for global sync for UUID [hex] not completed in specified time.

Explanation Service failed to complete global sync in specified time. The standby will no longer act as a HA standby.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-GSYNC_READY_SRVFAILED: Service [chars] on standby supervisor failed to restore its snapshot (error-id [hex]).

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-GSYNC_SNAPSHOT_SRVFAILED: Service [chars] on active supervisor failed to store its snapshot (error-id [hex]).

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-HANDSHAKE_FAILED: Handshake with service [chars] in vdc [dec] failed since send failed: [chars] (error-id [hex]).

Explanation Handshake with a service failed since system manager could not send handshake response to it.

Recommended Action No action is required.

Error Message SYSMGR-2-HAP_FAILURE_SUP_RESET: System reset due to service [chars] in vdc [dec] has had a hap failure

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-2-HASWITCHOVER_PRE_START: This supervisor is becoming active (pre-start phase).

Explanation A cold switchover has started (pre-start phase).

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

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Error Message SYSMGR-2-HASWITCHOVER_START: This supervisor is becoming active.

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

Error Message SYSMGR-2-HEARTBEAT_FAILED: Sysmgr heartbeat failed at %lu. [chars].
[chars] ([dec])

Explanation System manager had failure while trying to heartbeat with KLM

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INBAND_START_FAILED: Failure while bringing up inband after ISSU reboot, errno: [dec].

Explanation Sysmgr tried to bring up inband after ISSU reboot, but the call returned error.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_HANDSHAKE: Invalid secret ([dec]) received from service [chars]. Expected [dec].

Explanation A service can't be started.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_SYSMGRCONF: [chars]: invalid configuration file
[chars]: [chars] (error-id [hex]).

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_VERSIONMSG: The remote System Manager ([chars]) declares itself in the same state as this System Manager ([chars]).

Explanation The redundancy state negotiation between the two supervisors failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-ISSU_FAILED: The ISSU has failed: [chars] (error-id [hex])

Explanation The ISSU has failed and the switch need to be rebooted.

Recommended Action No action is required.

Error Message SYSMGR-2-LAST_CORE_BASIC_TRACE: [chars]: PID [dec] with message [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-2-MSG_SEND_FAILURE_STANDBY_RESET: Failure in sending message to standby causing standby to reset.

Explanation We will be resetting the standby since mts on the active is unable to send a message to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-MTS_FLUSH_SYNC_QUEUE_FAILURE: flush mts sync queue failed with [chars] (errno [dec])

Explanation Calling mts_flush_sync_queue to guarante no outstanding messages. the failure might affect HA

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-NON_VOLATILE_DB_FULL: System non-volatile storage usage is unexpectedly high at [dec]%.

Explanation System non-volatile storage space is almost full.

Recommended Action Please run the command 'clear processes log pid <pid>' to delete log file for specific instance that show up via the command 'show processes log all'. To clear out all log files, use the command 'clear processes log all'

Error Message SYSMGR-2-ONBOARD_FAILURE_LOGGING_FULL: Onboard failure logging usage is unexpectedly high at [dec]%.

Explanation Onboard failure logging space is almost full.

Recommended Action Please run the command 'clear logging onboard'. If this message continues to persist, please contact TAC.

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Error Message SYSMGR-2-PARSEERR_DEPENDCYCLE: Dependency cycle found among [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDCONFIG: [chars]: duplicated definition for service config. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDDEPEND: [chars]: duplicated dependency from [chars] for service [chars]. Previous use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDNAME: [chars]: short name [chars] used by service [chars] is also used by service [chars] in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDOPTION: [chars]: duplicated definition for option [chars]->[chars] (service [chars]). Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_DUPLICATEDSERVICE: [chars]: duplicated definition for service [chars]. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDVERDB: [chars]: duplicated definition for service version_db. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUP_UGRPENTRY: [chars]: service [chars] duplicated in the current upgrade group. Previous use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INCONSISTENTOPT: [chars]: option [chars]=[chars] not consistent with [chars]=[chars] for service [chars]

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDCOMPCONDDPEND: [chars] (in dependency list of compulsory conditional service [chars]): optional conditional service [chars] not allowed.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_INVALIDCONDDEPEND: [chars] (in dependency list of ASAP service [chars]): conditional service [chars] not allowed.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDDEPEND: [chars] (in dependency list of service [chars]): service [chars] not defined for scope [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDEXEC: [chars]: invalid executable [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDHANDSHAKEDEPEND: [chars] (in handshake dependency list of service [chars]): service [chars] is MTS unaware or not defined for scope [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDIDENT: [chars]: [chars] [chars] not found for service [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_INVALIDOPTION: [chars]: option [chars]->[chars] cannot be set to [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDSTDBYDEPEND: [chars]: service [chars] cannot be dependent on service [chars] due to the standby mode wait for that service.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDVDCDEPEND: [chars] (in dependency list of service [chars]): service [chars] is a [chars] service.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_CLEANUP_ARGUMENTS: [chars]: cleanup_arguments = [chars]: only conditional services that are scripts can specify cleanup arguments

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_COND_SRV_MODE: [chars]: service [chars] not defined for scope control or not mts aware.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_INVALID_DIR: [chars]: [chars] is not a valid [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_GLOBAL_SYNC: [chars]: mts unaware service may not request for a global sync.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_HB: [chars]: [dec] is not a valid heartbeat timeout.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_MAX_INSTANCE: [chars]: [dec] is not a valid max_instance.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_SHELLTREE: [chars]: invalid shell parser tree [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE_GLOBAL_SYNC: [chars]: service with standby mode wait cannot request for a global sync.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE: [chars]: standby_mode should be run.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_TRANSL: [chars]: invalid translator [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_UGRPENTRY: [chars]: service [chars] is not defined.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_MISSINGOPTION: [chars]: option [chars]->[chars] missing from service definition for service [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_MTSUNAWARE_HANDSHAKEDEPEND: [chars]: service [chars] is MTS unaware and cannot have handshake dependencies.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_NORESTART: [chars]: option [chars]->[chars] cannot be set without setting option [chars]->[chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_NOTCONFIG: [chars]: [chars] implemented only for service config.

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_ADD_SRV: Service [chars] cannot be added

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_DELETE_SRV: Service [chars] cannot be removed

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_PARAM: Cannot modify parameter [chars] for the service [chars], old value = [chars], new value = [chars]

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_SRV: Configuration for service [chars] cannot be modified, param modified = [chars], old_value = [chars], new_value = [chars]

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REP_UGRPENTRY: [chars]: service [chars] is used in more than one upgrade group. First use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_TOOMANYDEPENDS_MULTIPLE_INST: [chars]: too many multiple instance dependencies ([dec]) for service [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_TOOMANYDEPENDS: [chars]: too many dependencies ([dec]) for service [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-PARSEERR_UGRPDUPLICATEDNAME: [chars]: upgrade group name [chars] already used in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_UGRPNAMEREDEFINED: [chars]: the upgrade group is already called [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARTIAL_CFGWRITE_ABORTED: Partial configuration copy aborted.

Explanation A partial configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again. If problem persists, please run the command 'copy running-config startup-config' and try again.

Error Message SYSMGR-2-PLUGIN_BOOTUP_FAILURE: The bootup of the supervisor has failed due to plugin load: [chars] (error-id [hex])

Explanation The bootup of the supervisor has failed due to plugin load.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PSS2FILE_CONVERT_FAILED: Conversion of file [chars] failed.

Explanation Conversion of internal data format failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PSS2_VOLATILE_DB_FULL: Volatile database usage in kernel is unexpectedly high at [dec]%.

Explanation System volatile database in kernel space is almost full.

Recommended Action Please run the command 'system system internal pss kernel memstats'. If this message continues to persist, please contact TAC.

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Error Message SYSMGR-2-REDSTATE_GETFAILED: Failed to request redundancy state: [chars] (error-id [hex]).

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-REDSTATE_SETFAILED: Failed to set redundancy state: ret_val ([dec]).

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-REDUNDANCY_CHANNEL_FAILURE: Remote sup will be rebooted since its coming up as active when local sup is still active.

Explanation Remote sup is becoming active although local sup is still active. As a result, local sup will cause the remote sup to reset itself.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-REDUNDANCY_HEARTBEAT_FAILURE: Heartbeat between active and standby on the redundancy channel not working for last [dec] minutes.

Explanation This supervisor is not receiving heartbeat on the redundancy channel from the other supervisor. This can result in problems during switchover and switchover may even fail.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-RESTART_SYSTEM_LOG: We will be restarting system soon for vdc [dec].

Explanation We will be restarting system since we were trying to do a hot switchover before all the state could have been transferred to this supervisor. So we will be doing a cold switchover now.

Recommended Action No action is required.

Error Message SYSMGR-2-RESTORE_RUNTIME_DB_FAILED: Restoring of runtime database for fabric switch upgrade failed during boot (error-id [hex]).

Explanation This message indicates that the runtime database could not be restored during boot for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-SAVE_RUNTIME_DB_FAILED: Saving of runtime database for fabric switch upgrade failed (error-id [hex]).

Explanation This message indicates that the runtime database could not be saved for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SERVICE_CRASHED: Service [chars] (PID [dec]) hasn't caught signal [dec] [chars]

Explanation A service has terminated its execution abnormally. The service might be restarted, depending on the HA policies implemented for the service.

Recommended Action Please use the command 'show process' to verify that the service has been restarted.

Error Message SYSMGR-2-SHUTDOWN_FAILURE: Unable to set signal handler for graceful shutdown: [chars] (error-id [hex]).

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-2-SHUTDOWN_REJECT: The System Manager is busy saving the configuration. Please try again later.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-2-SHUTDOWN_SYSTEM_LOG: vdc [dec] will shut down soon.

Explanation We are shutting down system the vdc

Recommended Action No action is required.

Error Message SYSMGR-2-SIGKILL_FAILURE: Service [chars] failure to respond to SIGKILL causing supervisor to reset. Last heartbeat %.2f secs ago.

Explanation We will be resetting the supervisor since service failed to respond to SIGKILL sent to it by System Manager.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-2-SOCKET_ERROR: Failed to open socket connection, errno: [dec].

Explanation Call to open socket connection failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SRV_CLEAR_MEMORY_ALERT: service [chars] clear memory alert ([dec]%)

Explanation Clean Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_MAJOR_MEMORY_ALERT: service [chars] major memory alert ([dec]%)

Explanation Major Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_MINOR_MEMORY_ALERT: service [chars] minor memory alert ([dec]%)

Explanation Minor Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_SPAWN_FAILED: Spawning of service [chars] in vdc [dec] failed : [chars] (error-id [hex]).

Explanation Failed to spawn a service

Recommended Action No action is required.

Error Message SYSMGR-2-STANDBY_BOOT_FAILED: Standby supervisor failed to boot up.

Explanation This message is printed if the standby supervisor doesn't complete its boot procedure (i.e. it doesn't reach the login prompt on the local console) 3 to 6 minutes after the loader has been loaded by the BIOS. This message is usually caused by boot variables not properly set for the standby supervisor. This message can also be caused by a user intentionally interrupting the boot procedure at the loader prompt (by means of pressing ESC).

Recommended Action Connect to the local console of the standby supervisor. If the supervisor is at the loader prompt, try to use the 'boot' command to continue the boot procedure. Otherwise, issue a 'reload' command for the standby supervisor from a vsh session on the active supervisor, specifying the 'force-dnld' option. Once the standby is online, fix the problem by setting the boot variables appropriately.

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Error Message SYSMGR-2-STARTUP_CONVERSION_FAILED: Startup config conversion failed during boot (error-id [hex]).

Explanation This message indicates that the conversion of startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message SYSMGR-2-START_SCRIPT_FAILED: Start script (/isan/etc/rc.sysmgr start) failed with return value: ([dec]).

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SUBPROC_SPAWN_FAILED: Spawning of sub-process [chars] in vdc [dec] failed : [chars] (error-id [hex]).

Explanation Failed to spawn a sub-process

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_OVER: Switchover completed.

Explanation The switchover is completed.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVCRAshed: Service [chars] (PID [dec]) crashed during switchover - hasn't caught signal [dec] .

Explanation The switchover failed because a service crashed during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVFAILED: Service [chars] failed in performing its switchover actions (error-id [hex]).

Explanation The switchover failed because a service could not transition to the active state.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVTERMINATED: Service [chars] (PID [dec]) terminated during switchover with error code [dec] .

Explanation The switchover failed because a service terminated during switchover.

Recommended Action No action is required.

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Error Message SYSMGR-2-SWITCHOVER_THRESHOLD_EXCEEDED: Switchover threshold exceeded ([dec] switchovers happened within [dec] seconds). Powering down all linecards.

Explanation Switchover threshold exceeded

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_TIMEOUT: Service [chars] (vdc [dec]) did not respond to switchover message in [dec] seconds

Explanation The switchover timeout because a service failed to response

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYNC_FAILURE_MSG_PAYLOAD: vdc [dec]: [chars]

Explanation Dump out the msg to know what causes sync failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYNC_FAILURE_STANDBY_RESET: Failure in syncing messages to standby for vdc [dec] causing standby to reset.

Explanation We will be resetting the standby since mts on the active is unable to sync messages to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-TMP_DIR_FULL: System temporary directory usage is unexpectedly high at [dec]%.

Explanation System /tmp space is almost full.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-UNEXPECTED_GSYNC_RESTART_STANDBY: Sending a message to restart system on standby on vdc [dec].

Explanation Activity occurred on active supervisor that is incompatible with state of standby. System will be restarted on standby.

Recommended Action No action is required.

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Error Message SYSMGR-2-VDC_CREATE_DELETE_SRVCRASHED: Global vdc-aware service [chars] (PID [dec]) crashed during vdc create/delete on standby - hasn't caught signal [dec] .

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service crashed on standby.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_CREATE_DELETE_SRVTERMINATED: Global vdc-aware service [chars] (PID [dec]) terminated during vdc create/delete on standby with error code [dec] .

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service terminated on standby.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_DELETE_FAILURE: The vdc delete has failed: [chars] (error-id [hex])

Explanation The vdc delete has failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-VDC_NOT_CLEANEDUP_SRVS: vdc [dec]: [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-2-VOLATILE_DB_FULL: System volatile database usage is unexpectedly high at [dec]%.

Explanation System volatile database space is almost full.

Recommended Action Please run the command 'system pss shrink'. If this message continues to persist, please contact TAC.

Error Message SYSMGR-2-WARMSWITCHOVER_START: This supervisor is becoming active.

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

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Error Message SYSMGR-2-WDT_KGDB: System watchdog kgdb has been [chars] for slot [dec].

Explanation System watchdog kgdb has been [chars]. If the command has been enabled, the system will go into kgdb if there is a watchdog timeout.

Recommended Action No action is required.

SYSMGR-3

Error Message SYSMGR-3-BASIC_TRACE: [chars]: PID [dec] with message [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-3-CAPABILITY_REDUN_CHANGE: Redundancy mode changed to [chars] due to configuration change.

Explanation Some configuration changes have occurred causing administrative redundancy mode to change.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGCTRL_ABORT: signal to abort cfgctrl as super changes to the unstable state

Explanation When super state changes to unstable, cfgctrl should be terminated

Recommended Action No action is required.

Error Message SYSMGR-3-CFGERASE_FAILED: Configuration erase failed (error-id [hex]).

Explanation The requested configuration erase has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGSNAPSHOT_FAILED: Configuration snapshot failed (error-id [hex]).

Explanation The requested configuration snapshot has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

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Error Message SYSMGR-3-CFGWRITE_FAILED: Configuration copy failed (error-id [hex]) .

Explanation The requested configuration copy has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGWRITE_REJECT: Discarding request for configuration [chars]: configuration action already in progress.

Explanation Another instance of the command 'copy running-config startup-config' is in progress.

Recommended Action Please wait for the other instance to complete.

Error Message SYSMGR-3-CFGWRITE_SRVCRAshed: Service [chars] crashed with signal ([dec]) while configuration was being saved

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_SRVFAILED: Service [chars] failed to store its configuration (error-id [hex]) .

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the 'show process' command to verify that the system is running properly and the service [chars] is behaving correctly. Then try again.

Error Message SYSMGR-3-CFGWRITE_SRVTERMINATED: Service [chars] terminated with error code ([dec]) while configuration was being saved

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_SRVTIMEOUT: Service [chars] failed to store its configuration in the timeout period

Explanation A required service has failed to send a response after receiving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-3-CFGWRITE_VDCSRVCRAshed: Service [chars] in vdc [dec] crashed with signal ([dec]) while configuration was being saved

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_VDCSRVFAIled: Service [chars] in vdc [dec] failed to store its configuration (error-id [hex]).

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the 'show process' command to verify that the system is running properly and the service [chars] is behaving correctly. Then try again.

Error Message SYSMGR-3-CFGWRITE_VDCSRVTERMINATED: Service [chars] in vdc [dec] terminated with error code ([dec]) while configuration was being saved

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_VDCSRVTIMEOUT: Service [chars] in vdc [dec] failed to store its configuration in the timeout period

Explanation A required service has failed to send a response after receiving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-COPY_CORES_FAILED: Copying cores failed ([dec]).

Explanation Copying cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message SYSMGR-3-COREDUMP_TIMEOUT: Failed to store the core in the specified time. Resetting

Explanation Failed to store the core in the specified time. Resetting ...

Recommended Action No action is required.

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Error Message SYSMGR-3-CORE_CLIENT_INIT_FAILED: Core client will not be started due to some internal error.

Explanation Core client will not be started due to some internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_OP_FAILED: Core operation failed: [chars]

Explanation Mainly use to display failure on core operation in general

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_SERVER_INIT_FAILED: Core server will not be started due to some internal error.

Explanation Core server will not be started due to some internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-DAEMONIZE_FAILED: Unable to daemonize service [chars]: [chars] ([dec]).

Explanation A service could not be spawned.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-FAILED_PFM_HANDSHAKE: PFM-handshake from service [chars] failed (error-id [hex]).

Explanation The Platform Manager handshake has failed. The system can't proceed with the initialization.

Recommended Action No action is required.

Error Message SYSMGR-3-GSYNC_TIMEOUT_FAILED: Failed to set timeout for global sync for an application ([dec]).

Explanation Failed to set timeout for global sync for an application. This can result in global sync to be stuck forever if application never complete global sync.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message SYSMGR-3-HEARTBEAT_FAILURE: Service [chars] sent SIGABRT for not setting heartbeat for last [dec] periods. Last heartbeat %.2f secs ago.

Explanation A service is not setting proper heartbeats to System Manager So it will kill this service and if this service has restartability set to TRUE, the service will restart.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_BOOT_HANDSHAKE: Boot-scope-handshake received from service [chars], that is in scope [dec] (not the boot scope).

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_GSYNC_GET: Service [chars] vdc [dec] requesting gsync without setting proper flag in its conf file.

Explanation Service is requesting global sync without setting proper flag in its conf file.

Recommended Action No action is required.

Error Message SYSMGR-3-INVALID_PFM_HANDSHAKE: PFM-handshake received from service [chars], that is in scope [dec] (not the boot scope).

Explanation A service is trying to take actions that belong to the Platform Manager service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_TRANSITION: Transition from state [chars] to state [chars] is not allowed.

Explanation Unexpected transition in the System Manager state machine.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_UUID: Service [chars] is configured with UUID [hex], but uses UUID [hex].

Explanation The identity of a service is inconsistent in the image file

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-3-ISSU_BEGIN_FAILED: ISSU cannot proceed (error-id [hex]).

Explanation This message indicates that some service has blocked the ISSU.

Recommended Action No action is required.

Error Message SYSMGR-3-LC_IMAGE_UPGRADE_FAILURE: Linecard image upgrade request failed(error-id [hex]).

Explanation Linecard image upgrade request failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_RESET: Resetting linecard

Explanation Linecard is being reset

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_SAVE_STATES_FAILURE: Save states request for the linecard failed(error-id [hex]).

Explanation Save state request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_START_ASYNC_FAILURE: Start async notification request failed(error-id [hex]).

Explanation Start async notification request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_STOP_ASYNC_FAILURE: Stop async notification request failed(error-id [hex]).

Explanation Stop async notification request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-3-LC_UPG_ERROR: LC ERROR: [chars]

Explanation Linecard upgrade error message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-MISSING_OPTIONAL_CAPABILITY: Incomplete support for the current running-config on standby supervisor.

Explanation Loose config incompatibilities exist between active and standby sup. Operational redundancy mode is still set to HA.

Recommended Action No action is required.

Error Message SYSMGR-3-MODULE_LOCK_FAILED: Failed to lock the local module to avoid reset (error-id [hex]).

Explanation Locking the local module has failed. Reloading the local module can now result in switchover to fail.

Recommended Action No action is required.

Error Message SYSMGR-3-ND_UPGD_RECOVERY_SRVFAILED: Service [chars] in vdc [dec] failed in non-disruptive upgrade recovery (error-id [hex]).

Explanation The non-disruptive upgrade failed because a service could not recover its state.

Recommended Action No action is required.

Error Message SYSMGR-3-OPERATIONAL_MODE_WARM: Operational redundancy mode set to warm (error-id [hex]).

Explanation Operational redundancy mode will be set to warm. [dec] is the error-ID representing the reason.

Recommended Action No action is required.

Error Message SYSMGR-3-PARTIAL_CFGWRITE_FAILED: Partial configuration copy failed (error-id [hex]).

Explanation The requested configuration copy has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

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Error Message SYSMGR-3-PARTIAL_CFGWRITE_VER_MISMATCH: Startup-config version not same as current software version.

Explanation Startup-config version not same as current software version.

Recommended Action Please do a copy running startup, and try again.

Error Message SYSMGR-3-RTDBCTRL_SRVFAILURE: Service [chars] responded with a failure

Explanation A service responded with a failure to the request

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-RTDBCTRL_SRVTIMEOUT: Service [chars] failed to respond back to System Manager in the specified timeout period

Explanation A required service has failed to send a response after receiving a request for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-SERVICE_TERMINATED: Service [chars] (PID [dec]) has finished with error code [chars] ([dec]).

Explanation A service has terminated its execution normally. Depending on the value of [dec2] and the HA policies implemented for the service, the service might be restarted automatically.

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_OVER: The System Manager is shutting down now.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_START: The System Manager has started the shutdown procedure.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

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Error Message SYSMGR-3-STANDBY_VDC_RESTART_FAILURE: vdc [dec] on standby failed to restart. error: [chars] ([hex])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-3-SYSMGR_CRASHED: Sysmgr (PID [dec]) [chars]

Explanation Sysmgr has terminated abnormally.

Recommended Action Please use the command 'show process' to verify that sysmgr has been restarted.

Error Message SYSMGR-3-TFTP_CORES_FAILED: TFTPing cores failed ([chars]).

Explanation TFTPing cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message SYSMGR-3-UNACCEPTABLE_WAIT: Service [chars], no response from System Manager after [dec] seconds. Terminating.

Explanation A spawned service couldn't handshake with the System Manager and it's about to be terminated.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-UNLINK_RELINK_CONF_FILES_FAILED: [chars] of conf files failed. plugin_id [dec]

Explanation Unlink and/or Relink of configuration files failed.

Recommended Action No action is required.

Error Message SYSMGR-3-URIFS_APPLY_FAILED: Applying URI filesystem database failed (error-id [hex]).

Explanation The application of URI filesystem database has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

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SYSMGR-4

Error Message SYSMGR-4-CFGWRITE_PARTIALFORCED: Some services are missing; partial configuration write forced.

Explanation The system is not fully operational, but a configuration copy has been forced. The services that are not running won't save their configuration, and the next time they will restart with a default configuration.

Recommended Action Use the 'show process' command to find out which required services are not running.

Error Message SYSMGR-4-ON_DEMAND_STOP_UID_KNOWN: On-demand service [chars] stopped by uid ([dec]).

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message SYSMGR-4-ON_DEMAND_STOP: On-demand service [chars] stopped.

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message SYSMGR-4-PARSEWARN_INVALID_CFGFILE: [chars]: unable to find [chars]: [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-4-PARSEWARN_RESTART_CNT_TOO_BIG: Service [chars]: [chars] restart count of [dec] too big, needs to be set to [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-4-PARSEWARN_VALUE_TOO_SMALL: [chars]: [chars] is too small, replaced with [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-4-READCONF_REJECT: Discarding configuration update request: [chars].

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-4-READCONF_STARTED: Configuration update started (PID [dec]).

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-4-SRVSCOPE_DELAYED: Waiting for redundancy state; termination delayed for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-4-UGRP_ALL_COMPLETED: Upgrade completed for all the groups.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

SYSMGR-5

Error Message SYSMGR-5-CFGERASE_DONE: Configuration erase successful.

Explanation The requested configuration erase has completed successfully.

Recommended Action No action is required.

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Error Message SYSMGR-5-CFGERASE_STARTED: Configuration erase started (PID [dec]).

Explanation The requested configuration erase has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGINIT_STARTED: Initialization of the startup configuration started (PID [dec]).

Explanation The requested initialization of the startup configuration has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGSNAPSHOT_DONE: Configuration snapshot successful.

Explanation The requested configuration snapshot has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGSNAPSHOT_STARTED: Configuration snapshot started (PID [dec]).

Explanation The requested configuration snapshot has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGWRITE_DONE: Configuration copy successful.

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGWRITE_STARTED: Configuration copy started (PID [dec]).

Explanation On the active supervisor, this message indicates that the system has started to service a 'copy running-config startup-config' requested by the user. On the standby supervisor, this message indicates that the system is synchronizing the startup-config from the active supervisor. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

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Error Message SYSMGR-5-CONVERT_STARTUP_STARTED: Configuration conversion started (PID [dec]).

Explanation This message indicates that the system has started conversion of startup configuration. This happens either on system boot or during the course of an upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-DELETE_BINARY_STARTUP_STARTED: Deletion of binary startup configuration started (PID [dec]).

Explanation This message indicates that the system will be deleting the binary startup configuration, due to an error in the conversion of the startup conversion.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-FSM_STATE_TRANS: System Manager NESTED state transition from [chars] to [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-5-HEARTBEAT_LOSS: Service [chars] heartbeat loss [dec] ,max [dec] .

Explanation Log to indicate loss of HeartBeat from a service.

Recommended Action No action is required.

Error Message SYSMGR-5-IMPROPER_CLEANUP: Service [chars] exited without replying to switchover request.

Explanation A conditional service exited without replying to switchover request. This message is for logging purposes only and does not affect the functionality of the system

Recommended Action No action is required.

Error Message SYSMGR-5-ISSU_ABORT: Notifying services of aborted ISSU (PID [dec]).

Explanation This message indicates that the ISSU has been aborted and the services have been asked to rollback any changes.

Recommended Action No action is required.

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Error Message SYSMGR-5-ISSU_BEGIN_STARTED: Notifying services of ISSU (PID [dec]).

Explanation This message indicates that the system has started notifying services for the ISSU. Services can block the upgrade at this point.

Recommended Action No action is required.

Error Message SYSMGR-5-LC_UPGRADE_REBOOT: Rebooting linecard as a part of upgrade

Explanation Linecard is being rebooted as a part of upgrade

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-LC_UPGRADE_START: Starting linecard upgrade

Explanation Linecard upgrade is starting

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-MODULE_ONLINE: System Manager has received notification of local module becoming online.

Explanation System Manager has received notification of local module becoming online.

Recommended Action No action is required.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_ASCII_CONFIG: Startup-config version not present.

Explanation Startup-config version not present.

Recommended Action Startup-config version is not present. Ascii configuration will be applied.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_DONE: Partial configuration copy successful.

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_STARTED: Partial configuration copy started by UUID [hex] (PID [dec]).

Explanation This message is printed only on active supervisor, and indicates that service with mentioned UUID has requested a partial write mem. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

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Error Message SYSMGR-5-RECOVERY_FAILED: Stateful recovery failed, system manager will now start stateless.

Explanation Stateful recovery failed, system manager will now restart system and start stateless.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_RESTORE_STARTED: Runtime database controller started (PID [dec]).

Explanation This message indicates that the system has started the restoration of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_RESTORE_SUCCESS: Runtime database successfully restored.

Explanation This message indicates that the runtime database has been successfully restored for the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_SAVE_STARTED: Runtime database save has started (PID [dec]).

Explanation This message indicates that the system has started the saving of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-SERVICE_DELETED: Service [chars] has been removed from the System Manager database.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-5-STATEFUL_STATE: System Manager is in state [chars] after stateful restart.

Explanation System Manager has been restarted stateful after an error that resulted in System Manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message SYSMGR-5-SUBPROC_KILLED: [chars] (PID [dec]) hasn't caught signal [dec] [chars]

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-5-SUBPROC_TERMINATED: [chars] (PID [dec]) has finished with error code [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-5-UGRP_COMPLETED: Upgrade completed for group [dec].

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

SYSMGR-6

Error Message SYSMGR-6-ALL_SCOPES_STARTED: System services have completely started at this time.

Explanation System services have completely started at this time.

Recommended Action No action is required.

Error Message SYSMGR-6-HANDSHAKE_DONE: Handshake with service [chars] successfully performed.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-HANDSHAKE_VERIFYING_DONE: Handshake verification done from service [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

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Error Message SYSMGR-6-LC_UPG_DEBUG: LC DEBUG: [chars]

Explanation Linecard upgrade debug message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-6-RLIMIT_INFO: rlimit of service [chars] ([dec]) = %llu

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-6-SERVICE_STARTED: Service [chars] in vdc [dec] started with PID([dec]).

Explanation The System Manager is starting a service. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-6-SERVICE_SUCCESS_EXIT: Service [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).

Explanation A service has successfully exited its execution.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSCOPE_COMPLETED: Completed execution for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSCOPE_STARTED: Started execution for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSTATE_CHANGED: State for service [chars] changed from [chars] to [chars] in vdc [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

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Error Message SYSMGR-6-SRV_ENQUEUED_FOR_START: Conditional service [chars] started by sap [dec] has been enqueued for start.

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-6-STATE_CHANGED: System Manager state changed from [chars] to [chars] for vdc [dec].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-6-SUBPROC_SUCCESS_EXIT: [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SUPERSTATE_CHANGED: System Manager super state changed from [chars] to [chars] for vdc [dec].

Explanation The system has detected an error.

Recommended Action No action is required.

SYSMGR-7

Error Message SYSMGR-7-CFGWRITE_UNEXPECTEDRSP: Discarding unexpected response from service [chars].

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-7-DUPPLICATED_PFM_HANDSHAKE: PFM-handshake received from service [chars], but information already available.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

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Error Message SYSMGR-7-LIBCDB_FAILURE: Conversion for service [chars] failed in libcdb.

Explanation This message indicates that either the system could not find conversion tarball or there is no conversion library needed for this service.

Recommended Action No action is required.

Error Message SYSMGR-7-LIBVDB_FAILURE: Conversion for service [chars] failed in libvdb.

Explanation This message indicates that the system could not find package information for this service in the version database.

Recommended Action No action is required.

Error Message SYSMGR-7-ND_UPGD_RECOVERY_SRVSUCCEEDED: Service [chars] recovered its state during non-disruptive upgrade.

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-7-NO_STARTUP_CONFIG: No startup-config to convert.

Explanation This message indicates that the system tried to convert startup configuration but it found no configuration to convert.

Recommended Action No action is required.

Error Message SYSMGR-7-SWITCHOVER_SRVSUCCEEDED: Service [chars] completed its switchover actions.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNEXPECTEDMSG: Opcode [dec] not expected at this time from service [chars] ([chars]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNADDR: Opcode [dec] received from unknown source [chars]. Discarding.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

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Error Message SYSMGR-7-UNKNOWNMSG: Unknown opcode [dec] received from [chars].

Explanation The System Manager has received an unrecognized message with the specified opcode. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNPID: Opcode [dec] received from [chars] with unknown PID [dec]. Discarding.

Explanation The System Manager has received a message from an unknown process. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNUUID: Opcode [dec] received from [chars] with unknown UUID [dec]. Discarding.

Explanation The System Manager has received an unrecognized message from the specified UUID. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

SYSTEMHEALTH Messages

This section contains the SYSTEMHEALTH messages.

SYSTEMHEALTH-2

Error Message SYSTEMHEALTH-2-OHMS_BATTERY_FAILED: Battery [dec] failed for module [dec]. Reason: [chars].

Explanation Battery failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_DAY: Bootflash hard resets for module [dec] has reached threshold limit in 24 hours.

Explanation Bootflash hard resets reached threshold limit in 24 hours.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_LIFE: Bootflash hard resets for module [dec] has reached the maximum threshold limit.

Explanation Bootflash hard resets reached maximum threshold limit.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED: Bootflash test maximum failures reached for module [dec] Reason: ([chars]).

Explanation Bootflash failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_CACHE_DISK_FAILED: Cache disk [dec] failed for module [dec].

Explanation Cache disk failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EMGMT_FAILED: Management port failed for module [dec].

Explanation Ethernet management port failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EOBC_FAILED: EOBC test failed for module [dec].

Explanation EOBC test failed for module.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FIPS_FAILURE: FIPS compliance error during random number generation.

Explanation FIPS compliance error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_FAILED: Free Disk Space on partition [chars] is below threshold for module [dec].

Explanation System Health Free Disk Space below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

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Error Message SYSTEMHEALTH-2-OHMS_INBAND_FAILED: Inband test maximum failures reached for module [dec].

Explanation Inband failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_PORT_LB_TEST_FAILED: Module [dec] Port [dec] has failed loop back tests.

Explanation Port loop-back test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_RELOAD_REQ: Module [dec] reload being requested due to errors found by [chars] test.

Explanation System Health Module Reload Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_SNAKE_TEST_FAILED: Module [dec] has failed snake loopback tests.

Explanation Snake test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_NVRAM_FAILED: Nvram test maximum failures reached for module [dec] for blocks 0x%llx.

Explanation Nvram failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_FAILED: Compact Flash firmware CRC checksum on module [dec] is corrupted.

Explanation Compact flash firmware has been corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_INIT_ERRORS: Compact Flash firmware CRC checksum procedure encountered an error during initialization on module [dec], reason: ([chars]).

Explanation Compact flash CRC checksum initializations failed.

Recommended Action Check the compact flash on the board and any relevant system (mis)configurations.

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Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_REFLASH_FAILED: Compact Flash firmware refresh procedure failed, replace the compact flash on module [dec]. Reason [dec]

Explanation Compact flash firmware has been corrupted is corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEMHEALTH-2-OHMS_SWITCHOVER_REQ: Supervisor switch over being requested due to errors found [chars] test.

Explanation System Health Switch Over Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_SWITCH_RELOAD_REQ: Switch reload request due to errors found [chars] test.

Explanation System Health Switch Reload Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_TCAM_PARITY_FAILED: TCAM test failed for module [dec] .

Explanation TCAM test failed for module as uncorrectable parity errors were detected.

Recommended Action Please schedule a downtime and replace the module.

Error Message SYSTEMHEALTH-2-OHMS_TCAM_PARITY_OFLOW: Too many TCAM Parity errors detected on module [dec]

Explanation More parity errors than that can be corrected were detected on the affected module

Recommended Action Please schedule a downtime and reload the module. If these errors continue to happen even after module reload, please replace the module

SYSTEMHEALTH-4

Error Message SYSTEMHEALTH-4-OHMS_BATTERY_ERRORS: Battery test on module [dec] has been suspended due to internal errors.

Explanation Battery test internal errors.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-4-OHMS_BOOTFLASH_TEST_ERRORS: Bootflash test cannot proceed due to internal errors on module [dec].

Explanation Compact flash test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CACHE_DISK_ERRORS: Cache disk test on module [dec] dpp [dec] has been suspended due to internal errors.

Explanation Cache disk test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CF_CRC_PASSED: Compact Flash firmware on module [dec] is healthy at this time.

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_CF_REFLASH_PASSED: Compact Flash firmware was successfully refreshed on module [dec].

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_EMGMT_ERRORS: Management port test cannot proceed due to internal errors on module [dec].

Explanation Ethernet management port internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_ERRORS: EOBC test on module [dec] has been suspended due to internal errors.

Explanation EOBC test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_HALTED: EOBC Test Halted for module [dec]. Module needs EPLD Upgrade

Explanation Module does not have the minimum required EPLD version to run EOBC test.

Recommended Action Please upgrade the module with the latest EPLD's.

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Error Message SYSTEMHEALTH-4-OHMS_EXIT: Online System Health exiting due to internal errors. Reason [dec].

Explanation Online System Health exiting due to internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FAIL_ACTION_NOTICE: Failure action not taken, failure action is disabled.

Explanation System Health SERDES test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_ERRORS: Too many errors on module [dec] while running the Free Disk Space test for partition [chars].

Explanation System Health Free Disk Space test has too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_FAILING: Free Disk Space on partition [chars] is starting to go below threshold for module [dec]

Explanation System Health Free Disk Space going below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

Error Message SYSTEMHEALTH-4-OHMS_INBAND_FAILING1: Inband test failed [dec] times for module [dec].

Explanation Inband Failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_INBAND_TEST_ERRORS: Too many errors while running the inband test.

Explanation Inband test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_EXITED: System Health process running on module [dec] exited due to internal errors. Will attempt to restart.

Explanation System Health line card daemon exited.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_FAILED: System Health process running on module [dec] failed due to fatal errors.

Explanation System Health line card daemon failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_RESTARTED: System Health process running on module [dec] restarted.

Explanation System Health line card daemon restarted.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_PATH_FAILURE: Snake Loopback data path failure on module [dec].

Explanation Snake data path only error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_TEST_ERRORS: Snake Loopback test cannot proceed due to internal errors for module [dec].

Explanation Snake test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_NVRAM_ERRORS: Too many errors on module [dec] while running the Nvram test.

Explanation Nvram test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SERDES_FAILED: SERDES loopback test on interface fc[dec]/[dec] failed.

Explanation System Health SERDES Test Failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SUP_BOOTFLASH_ERRORS: Bootflash test has encountered an error on module [dec] Reason:([chars]).

Explanation Compact flash test errors on supervisor.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_INTERN_ERRORS: Compact flash firmware CRC checksum procedure cannot proceed due to internal errors on module [dec].

Explanation Compact flash firmware CRC checksum procedure ended up in errors.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x> cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_PROCESS_ERRORS: Compact flash firmware CRC checksum procedure failed on module [dec]. Reason [dec]

Explanation Compact flash firmware CRC checksum procedure failed.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x> cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_TEST_FAILING: Compact flash firmware CRC checksum validation starting to fail on module [dec].

Explanation Compact flash firmware CRC checksum might be bad on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_RECALLED: Compact Flash on module [dec] was recalled.

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_INTERN_ERRORS: Compact Flash firmware re-flash procedure cannot proceed due to internal errors on module [dec].

Explanation Compact flash firmware re-flash procedure ended up in errors.

Recommended Action Try restarting the test using system health clear-errors module <x> cf-re-flash. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_TEST_FAILING: Compact flash firmware refresh procedure starting to fail on module [dec].

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

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Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_UNRESPONSIVE: Recalled Compact Flash on module [dec] is unresponsive.

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_SVC_DAEMON_FAILED: System Health process running on module [dec] SVC node [dec] exited due to errors.

Explanation OHMS SVC daemon exited.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_TIMEOUT: TCAM test timeout waiting for ACL/FIB to update TCAM on module [dec]

Explanation System health TCAM test timeout occurred while waiting for response from ACL/FIB

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_UPDATE_FAILING: Tcam test failed as ACL/FIB failed to update TCAM on module [dec]

Explanation ACL/FIB failed to update TCAM after soft parity errors were encountered.

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ERRORS: TCAM test on module [dec] has been suspended due to internal errors.

Explanation TCAM test internal errors.

Recommended Action No action is required.

SYSTEMHEALTH-5

Error Message SYSTEMHEALTH-5-OHMS_BATTERY_FAILING: Battery [dec] starting to fail on module [dec]. Reason: [chars].

Explanation System Health battery failing.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-5-OHMS_BOOTFLASH_FAILING: Bootflash starting to fail on module [dec].

Explanation System Health bootflash failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_CDISK_FAILING: Cache disk [dec] starting to fail on module [dec].

Explanation System Health cache disk failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EMGMT_FAILING: Management port on module [dec] starting to show signs of failures.

Explanation System Health emgmt failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EOBC_FAILING: EOBC starting to fail on module [dec].

Explanation System Health eobc failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_INBAND_FAILING: Inband starting to fail on module [dec].

Explanation System Health inband failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_NVRAM_FAILING: Nvram starting to fail on module [dec].

Explanation System Health Nvram failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_SUP_CF_ERRORS_CLEARED: Compact flash failing conditions on module [dec] has been cleared.

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

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Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_CLEARED: Failing conditions for TCAM on module [dec] have been cleared.

Explanation System Health TCAM failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_FAILING: TCAM starting to fail on module [dec].

Explanation System Health Tcam failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TEST_FAILING: [chars] test starting to fail on module [dec].

Explanation System Health test failing.

Recommended Action No action is required.

SYSTEMHEALTH-6

Error Message SYSTEMHEALTH-6-OHMS_ASIC_FAILURE_INFO: Module [dec] Asic [chars] instance [dec] probable cause of failure.

Explanation HW failure analysis findings.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BATTERY_CLEARED: Failing conditions for battery [dec] on module [dec] have been cleared.

Explanation System Health battery failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BOOTFLASH_CLEARED: Failing conditions for bootflash on module [dec] have been cleared.

Explanation System Health bootflash failures cleared.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-6-OHMS_CDISK_CLEARED: Failing conditions for cache disk [dec] on module [dec] have been cleared.

Explanation System Health cache disk failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EMGMT_CLEARED: Failing conditions for management port on module [dec] have been cleared.

Explanation System Health emgmt failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EOBC_CLEARED: Failing conditions for EOBC on module [dec] have been cleared.

Explanation System Health eobc failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_FAILURE_CLEARED: Failing conditions for test [chars] has been cleared on module [dec].

Explanation System Health failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_CLEARED: Failing conditions for inband on module [dec] have been cleared.

Explanation System Health inband failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_DROP: Inband Dropping frames from module [dec] due to unknown reasons.

Explanation System Health Inband non-timeout drop.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_TO_ERR: Inband Dropping frames from module [dec] due to timeout errors.

Explanation System Health Inband timeout drop.

Recommended Action No action is required.

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Error Message SYSTEMHEALTH-6-OHMS_INBAND_TX_CONGESTION: Inband Unable to transmit due to TX path congestion on module [dec].

Explanation System Health Inband TX congestion.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_NVRAM_CLEARED: Failing conditions for Nvram on module [dec] have been cleared.

Explanation System Health Nvram failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_STARTED: Online System Health started.

Explanation Online System Health started.

Recommended Action No action is required.

TACACS Messages

This section contains the TACACS messages.

TACACS-2

Error Message TACACS-2-TACACS_PROGRAM_EXIT: TACACS+ daemon exiting: [chars]

Explanation TACACS+ daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

TACACS-3

Error Message TACACS-3-TACACS_ERROR_MESSAGE: [chars]

Explanation TACACS+ Error Message

Recommended Action No action is required.

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TACACS-5

Error Message TACACS-5-TACACS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Tacacs+ server monitor status change

Recommended Action No action is required.

Error Message TACACS-5-TACACS_NOTIFICATION: [chars]

Explanation TACACS+ notification

Recommended Action No action is required.

Error Message TACACS-5-TACACS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Tacacs+ server status change

Recommended Action No action is required.

TACACS-6

Error Message TACACS-6-TACACS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message TACACS-6-TACACS_MESSAGE: [chars]

Explanation TACACS+ Message

Recommended Action No action is required.

TCAP Messages

This section contains the TCAP messages.

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TCAP-2

Error Message TCAP-2-MEM_FULL: Memory allocation failed.

Explanation TCAP process has failed to allocate memory.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

Error Message TCAP-2-PROC_DN: Process is shutting down: [chars]

Explanation TCAP process is exiting.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

Error Message TCAP-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation TCAP process has failed initialization.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

TLPORT Messages

This section contains the TLPORT messages.

TLPORT-2

Error Message TLPORT-2-INITFAIL: TL Port Manager Initialization failed: [chars]

Explanation TL Port Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

TLPORT-3

Error Message TLPORT-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

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Error Message TLPORT-3-FC2ERROR: [chars]

Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message TLPORT-3-GENERROR: [chars]

Explanation TL Port Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message TLPORT-3-MTSError: [chars]

Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message TLPORT-3-PSSERROR: [chars]

Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

TLPORT-4

Error Message TLPORT-4-TLPM_ALPA_CACHE_FULL: Translation Port ALPA cache is full. Some new entries may not be cached

Explanation TL Port cache is currently fully populated with active entries. Hence, there is no available cache space to be assigned any newly created alpa entry on a TL Port. This is an informational message.

Recommended Action No action is required.

TLPORT-6

Error Message TLPORT-6-MGRCREATED: Translation Port Manager created.

Explanation TL Port Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

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Error Message TLPORT-6-MGREXIT: Translation Port Manager shutting down gracefully.

Explanation TL Port Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message TLPORT-6-PORTDOWN: Translation Port [chars] DOWN.

Explanation A port configured as TL Port is DOWN and out of operation. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

Error Message TLPORT-6-PORTUP: Translation Port [chars] UP.

Explanation A port configured as TL Port is UP and operational. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

TPC Messages

This section contains the TPC messages.

TPC-SLOT#-5

Error Message TPC-SLOT#-5-LOG_ERR_TPC_DPP_DEAD: VSAN :[dec] VT pWWN :[chars] DPP died

Explanation The DPP associated with the Virtual Target has crashed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_ACT_FAILED: VSAN :[dec] VT pWWN :[chars] VT Activate failed

Explanation The activate step for a Virtual Target has failed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_CREATE_FAIL: VSAN :[dec] VT pWWN :[chars] VT and NPort creation FAILED !!!

Explanation The Virtual Target and nport creation failed

Recommended Action No action is required.

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Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_DESTROYED: VSAN :[dec] Virtual Target : [chars] Deleted

Explanation The Virtual Target in the associated VSAN is being destroyed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_VSAN_DOWN: VSAN :[dec] VT pWWN :[chars] VSAN down

Explanation The VSAN where the Virtual Target is configured is down

Recommended Action No action is required.

TTYD Messages

This section contains the TTYD messages.

TTYD-2

Error Message TTYD-2-TTYD_ERROR: TTYD Error [chars]

Explanation Critical TTY daemon error.

Recommended Action No action is required.

Error Message TTYD-2-TTYD_MTS: TTYD Message queue [dec] [chars]

Explanation TTY daemon message error.

Recommended Action No action is required.

Error Message TTYD-2-TTYD_SDWRAP: TTYD Debug Facility error [dec] [chars]

Explanation TTY daemon Debug Facility failed.

Recommended Action No action is required.

TTYD-3

Error Message TTYD-3-TTYD_MISC_ERROR: Error [chars] with error [chars] ([hex])

Explanation TTY daemon errors.

Recommended Action No action is required.

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TTYD-6

Error Message TTYD-6-TTYD_MISC: TTYD [chars]

Explanation The tty daemon miscellaneous message.

Recommended Action No action is required.

Error Message TTYD-6-TTYD_PSS: TTYD Store error:[hex] [chars]

Explanation Failed to store configuration for TTY service.

Recommended Action No action is required.

TUNNEL Messages

This section contains the TUNNEL messages.

TUNNEL-3

Error Message TUNNEL-3-HW_PROGRAMMING_FAILED: for [chars], reason [chars]

Explanation Hardware programming failed for tunnel [num] interface

Recommended Action Try 'shutdown' and 'no shutdown' under tunnel interface submode after sometime. if still tunnel interface doesn't come up capture show tech-support tunnel to identify the issue

TUNNEL-4

Error Message TUNNEL-4-TM_DF_PROGRAMMING_FAILED: [chars] DF(dont fragment) programming failed! status [hex]

Explanation [chars] DF programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why df flag programing failed

Error Message TUNNEL-4-TM_DF_PROGRAMMING: Programming [chars] DF(dont fragment) df.sel [dec] df.val [dec]

Explanation Programming [chars] DF df.sel [int] df.val [int]

Recommended Action No action is required.

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Error Message TUNNEL-4-TM_MTU_PROGRAMMING_FAILED: [chars] mtu [dec] programming failed! status [hex]

Explanation [chars] mtu [int] programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why MTU programming as failed. tunnel interface will used default mtu value

Error Message TUNNEL-4-TM_MTU_PROGRAMMING: Programming [chars] mtu [dec]...

Explanation Programming [chars] mtu [int]

Recommended Action No action is required.

TUNNEL-5

Error Message TUNNEL-5-IF_CLEAR_COUNTER: Interface [chars] counters is cleared

Explanation Interface [char] counters is cleared

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATED: Interface [chars] is created

Explanation Interface [char] is created

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATE_FAILED: Interface [chars] creation failed due to [[hex]] [chars]

Explanation Interface [char] is creation failed due to [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-IF_DELETED: Interface [chars] is deleted

Explanation Interface [char] is deleted

Recommended Action No action is required.

Error Message TUNNEL-5-IF_STATE_UPDATE: Interface [chars] is [chars] reason [chars]

Explanation Interface [char] is [char] reason [char]

Recommended Action No action is required.

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Error Message TUNNEL-5-PPF_SESSION_FAILED: session id %llx type [chars] for [chars] failed error [hex] [chars]

Explanation Session id [int] type [char] for [char] failed error [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-TM_DISABLED: Tunnel Disabled

Explanation Tunnel Service Disabled

Recommended Action No action is required.

Error Message TUNNEL-5-TM_ENABLED: Tunnel Enabled

Explanation Tunnel Service Enabled

Recommended Action No action is required.

TUNNEL-7

Error Message TUNNEL-7-TM_INFO: [chars]

Explanation Tunnel Service info

Recommended Action No action is required.

UDLD Messages

This section contains the UDLD messages.

UDLD-3

Error Message UDLD-3-IDB_ERROR: UDLD error handling [chars] interface: [chars]

Explanation A software error occurred in UDLD processing associated with a specific interface.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action LOG_STD_SH_TECH_ACTION

Send document comments to nexus1k-docfeedback@cisco.com

Error Message UDLD-3-UDLD_INTERNAL_ERROR: UDLD internal error: [chars]

Explanation A software sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-3-UDLD_INTERNAL_IF_ERROR: UDLD internal error, interface [chars]: [chars]

Explanation A software sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-4

Error Message UDLD-4-UDLD_GWRAP_COUNT: UDLD gwrap count is %lu, please log a 'show tech udld' for detail info.

Explanation UDLD gwrap count reached high level, show tech udld is needed to debug it.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_NEIGHBOR_MISMATCH: UDLD neighbor mismatch detected, exp: [chars], rec [chars]

Explanation An interface will be disabled because UDLD protocol detected a neighbor mismatch condition on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_PORT_DISABLED: UDLD disabled interface [chars], [chars] detected

Explanation An interface was disabled because UDLD protocol detected the cause on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_PORT_RESET: UDLD reset interface [chars]

Explanation A port which had been disabled for UDLD has been reset.

Recommended Action LOG_STD_SH_TECH_ACTION

Send document comments to nexus1k-docfeedback@cisco.com

UDLD-5

Error Message UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive

Explanation UDLD Service Aggressive

Recommended Action No action is required.

Error Message UDLD-5-UDLD_DISABLED: UDLD Disabled

Explanation UDLD Service Disabled

Recommended Action No action is required.

Error Message UDLD-5-UDLD_ENABLED: UDLD Enabled

Explanation UDLD Service Enabled

Recommended Action No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-2

Error Message UFDM-2-DNLD_TIMEDOUT: Download timer expired: [chars]

Explanation UFDM download timer expired. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action No action is required.

Error Message UFDM-2-FIB_ROUTE_UPDATE_ERR: Route update error from slot [dec] FIB

Explanation FIB returned route update error. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action No action is required.

Error Message UFDM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support forwarding l3 unicast... command

Explanation UFDM hit a internal error. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

VDC_MGR Messages

This section contains the VDC_MGR messages.

VDC_MGR-2

Error Message VDC_MGR-2-VDC_CRITICAL: vdc_mgr has hit a critical error: [chars]

Explanation Vdc_mgr has hit a critical error

Recommended Action A critical error has been hit within vdc_mgr. Please check show vdc to determine the state of the vdc

Error Message VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdc is about to expire! VDCs will be deleted if license is allowed to expire

Explanation VDC license is close to expire

Recommended Action Please contact your sales representative to obtain a license

Error Message VDC_MGR-2-VDC_LIC_WARN: Service using grace period will be shutdown in [dec] day(s)

Explanation The license for vdc is not installed and currently running in the grace period

Recommended Action Vdc will continue to work within the grace period, but obtaining a license is recommended

Error Message VDC_MGR-2-VDC_OFFLINE: vdc [dec] is now offline

Explanation The vdc has been shut down. Either it has been deleted or has just completed ungraceful cleanup

Recommended Action If the vdc was deleted, no action is necessary. Otherwise vdc_mgr may attempt to recreate it according to the ha-policy that has been set

Error Message VDC_MGR-2-VDC_ONLINE: vdc [dec] has come online

Explanation Vdc_mgr has finished creating a vdc and it is ready to use

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VDC_MGR-2-VDC_UNGRACEFUL: vdc_mgr: Ungraceful cleanup request recieved for vdc [dec], restart count for this vdc is [dec]

Explanation Vdc_mgr has begun ungraceful cleanup for a vdc

Recommended Action There has been a failure within the vdc and vdc_mgr has begun the cleanup process. Use show vdc to determine its state

VDC_MGR-3

Error Message VDC_MGR-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action Vdc_mgr

Error Message VDC_MGR-3-VDC_ERROR: vdc_mgr: [chars]

Explanation Vdc_mgr has recieved bad data but will try to continue

Recommended Action Vdc_mgr will attempt to correct the error at hand

VDC_MGR-6

Error Message VDC_MGR-6-VDC_HOSTNAME_CHANGE: vdc [dec] hostname changed to [chars]

Explanation Host name for a vdc has changed.

Recommended Action No action is required.

Error Message VDC_MGR-6-VDC_STATE_CHANGE: vdc [dec] state changed to [chars]

Explanation A vdc state change has happened. This is most likely due to a configuration change.

Recommended Action No action is required.

VEC Messages

This section contains the VEC messages.

Send document comments to nexus1k-docfeedback@cisco.com

VEC-SLOT#-3

Error Message VEC-SLOT#-3-LOG_DPP_EXCEPTION: DPP Exception DPP [dec]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message VEC-SLOT#-3-LOG_GUID_MISMATCH: GUID Mismatch DPP [dec] PWWN [chars] lun [chars] Expected [chars] Read [chars]

Explanation The disk GUID verification performed by the DPP failed. Access to the disk is denied.

Recommended Action No action is required.

VEC-SLOT#-4

Error Message VEC-SLOT#-4-LOG_DPP_REBOOTED: DPP [dec] Rebooted

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

VEC-SLOT#-5

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DISK: SCSI STATUS([hex]) [chars] SENSE_KEY([hex]) [chars] ASC([hex]) ASCQ([hex]) [chars]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DPP_MON_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC DPP Monitor FSM which should not have occurred

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DPRLI_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC DPRLI FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_GID_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC Guid ID FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_LMAP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]

Explanation An Event is received for a State in the VEC HOST LMAP XP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_LOGO: Logging out Host [VSAN :[dec] pWWN :[chars]] logged in to VEP [pWWN :[chars]]. Reason : Host not responding

Explanation The Host HBA is logged out from the VEP as it is not responding to ADISCs initiated from the VEP

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_XP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]

Explanation An Event is received for a State in the VEC HOST XP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST: Host VSAN :[dec] Host pWWN :[chars] access denied to VEP pWWN :[chars] due to licensing

Explanation The Host HBA is denied access to the VEP due to licensing

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VEC-SLOT#-5-LOG_ERR_VEC_NPORT_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC NPORT FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_PID_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC PID FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TARGET_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC TARGET FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TCAM_MON_FSM: Illegal Event [chars] in State [chars] DPP : [dec]

Explanation An Event is received for a State in the VEC TCAM MON FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] TP nWWN : [chars] TP pWWN : [chars]

Explanation An Event is received for a State in the VEC TP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] VEP nWWN : [chars] VEP pWWN : [chars]

Explanation An Event is received for a State in the VEC VEP FSM which should not have occurred

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VEP_ILC_LIMIT: VEP [VSAN :[dec] pWWN :[chars]] could not be created. Reason : ILC VEP limit [dec] reached

Explanation The VEP could not be created as the per ILC limit of VEPs has been reached

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VLUN_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC VLUN FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VO_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC VO FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]

Explanation An Event is received for a State in the VEC VSAN FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VES IP Addr [chars]

Explanation An Event is received for a State in the VEC VSAN XCHG FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_NOTICE_VEC_SLEEP_THRESH: VEC not scheduled for [dec] seconds

Explanation The VEC process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yeild the cpu for [dec] seconds

Explanation The VEC process work threshold was exceeded which should not have occurred. Recovery will be preformed if appropriate.

Recommended Action No action is required.

VEDB_MGR Messages

This section contains the VEDB_MGR messages.

VEDB_MGR-2

Error Message VEDB_MGR-2-MALLOC_ERROR: Size [dec] bytes

Explanation The VEDB library could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VEDB_MGR-6

Error Message VEDB_MGR-6-EXITING: Exited due to [chars]

Explanation The VEDB library has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message VEDB_MGR-6-SERVICE_UP: Initialized [chars]

Explanation The VEDB library is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

VEM_MGR Messages

This section contains the VEM_MGR messages.

Send document comments to nexus1k-docfeedback@cisco.com

VEM_MGR-2

Error Message VEM_MGR-2-MOD_OFFLINE: Module [dec] is offline

Explanation VEM module is offline

Recommended Action No action is required.

Error Message VEM_MGR-2-MOD_ONLINE: Module [dec] is online

Explanation VEM module is online

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_DENY_ROLLING: Module [dec] cannot be inserted because system is in rolling upgrade mode

Explanation In rolling upgrade only the hosts with the same version as VSM can get inserted

Recommended Action You can see the host/module status in 'show module' command. In the configuration mode please change the upgrade mode to normal by 'upgrade mode normal' command or upgrade the host to the same version as VSM.

Error Message VEM_MGR-2-VEM_MGR_DENY: Host [chars] cannot be inserted because all vem slots are in use.

Explanation All vem slots have been allocated to hosts and a new host has been added to the DVS.

Recommended Action You can see the host/module mappings using the 'show module vem mapping' command. In the configuration mode please remove any unused hosts using the 'no vem <module>' command to free up vem slots.

Error Message VEM_MGR-2-VEM_MGR_DETECTED: Host [chars] detected as module [dec]

Explanation VEM detected as a module

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_NOT_BC: Module [dec] cannot be inserted because it is not backward compatible

Explanation Only modules with version compatible to VSM version and equal greater than the current feature level can get inserted.

Recommended Action You can see the host/module status in 'show module' command. Upgrade the module to a compatible version.

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Error Message VEM_MGR-2-VEM_MGR_REMOVE_MOD_FAIL: Removing VEM [dec] (failed module)

Explanation Removing VEM because module failed

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_NO_HB: Removing VEM [dec] (heartbeats lost)

Explanation Removing VEM because heartbeats lost

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_RESET: Removing VEM [dec] (VEM reset)

Explanation Removing VEM because of reset request

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_STATE_CONFLICT: Removing VEM [dec] due to state conflict VSM([chars]), VEM([chars])

Explanation Removing VEM because of state conflict

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_SUPSWITCH: Removing VEM [dec] (Switchover failure)

Explanation Removing VEM because of switchover failure

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_TWO_ACT_VSM: Removing VEM [dec] (Two active VSM)

Explanation Removing VEM because of two active VSM

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_REMOVE_TX_ERR: Removing VEM [dec] (transmit timeout - [chars])

Explanation Removing VEM because of transmit timeout

Recommended Action You can collect information about the transmit timeout using command 'show hardware internal aipec event-history msgs'. The event logged will be E_AIPC_TXTIMEOUT.

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Error Message VEM_MGR-2-VEM_MGR_REMOVE_UNEXP_NODEID_REQ: Removing VEM [dec] (Unexpected Node Id Request)

Explanation Removing VEM because of unexpected Node Id Request

Recommended Action No action is required.

Error Message VEM_MGR-2-VEM_MGR_UNLICENSED: License for VEM [dec] could not be obtained. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.

Explanation VEM License could not be obtained

Recommended Action Please contact your sales representative to obtain a license

Error Message VEM_MGR-2-VEM_MGR_VERSION_FILE_MISSING: The version file in [chars] could not be opened

Explanation The version file could not be opened

Recommended Action No action is required.

VEM_MGR-3

Error Message VEM_MGR-3-VEM_MGR_ATTACH_FAIL: Some interfaces on module [dec] might not be up, attaching not completed

Explanation Attaching not completed in time for some of the interfaces on this module. Please verify the configuration of the port-profiles that are associated to these interfaces

Recommended Action No action is required.

VEM_MGR-5

Error Message VEM_MGR-5-VEM_MGR_CLOCK_CHANGE: Clock setting has been changed on the system. Please be aware that clock changes will force a recheckout of all existing VEM licenses. During this recheckout procedure, licensed VEMs which are offline will lose their licenses.

Explanation Clock setting has been changed on the system. Please be aware that clock changes will force a recheckout of all existing VEM licenses. During this recheckout procedure, licensed VEMs which are offline will lose their licenses.

Recommended Action No action is required.

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Error Message VEM_MGR-5-VEM_MGR_LVV_CHANGE: VEM feature level is changed from [chars] to [chars]

Explanation VEM feature level is changed

Recommended Action No action is required.

VEM_MGR-6

Error Message VEM_MGR-6-VEM_MGR_LIC_CHECKIN: Licenses for Slot [dec] are being checked in.

Explanation Licenses are being checked in for the slot

Recommended Action No action is required.

Error Message VEM_MGR-6-VEM_MGR_LIC_RECHECKOUT: Licenses for VEM [dec] are being rechecked out due to [chars].

Explanation Licenses are being rechecked out from license manager

Recommended Action No action is required.

VES Messages

This section contains the VES messages.

VES-SLOT#-4

Error Message VES-SLOT#-4-LOG_WARNING_VES_CONFIG_TOO_BIG: Volume [chars] configuration too large to virtualize

Explanation The VES maximum volume configuration was exceeded. Volume will be virtualized by the cpp.

Recommended Action No action is required.

VES-SLOT#-5

Error Message VES-SLOT#-5-LOG_ERR_VES_PATH_FSM: disk guids dont match - received verify_mismatch for pid [dec] from vec [dec]

Explanation An VERIFY MISMATCH Event is received for a State in the VES PATH FSM which should not have occurred

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VES-SLOT#-5-LOG_ERR_VES_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] VEP pWWN : [chars]

Explanation An Event is received for a State in the VES VEP FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_ERR_VES_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]

Explanation An Event is received for a State in the VES VSAN FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_ERR_VES_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VEC IP Addr [chars]

Explanation An Event is received for a State in the VES VSAN XCHG FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_NOTICE_VES_SLEEP_THRESH: VES not scheduled for [dec] seconds

Explanation The VES process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_NOTICE_VES_WORK_THRESH: VES did not yeild the cpu for [dec] seconds

Explanation The VES process work threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

VFC Messages

This section contains the VFC messages.

Send document comments to nexus1k-docfeedback@cisco.com

VFC-3

Error Message VFC-3-VFC_MEM_ERROR: Memory consistency problem

Explanation Miscellaneous target error

Recommended Action No action is required.

Error Message VFC-3-VFC_TGT_ERROR: Target error:[chars] 0x%llx

Explanation Miscellaneous target error

Recommended Action No action is required.

VFC-6

Error Message VFC-6-STARTING: daemon started

Explanation The VFC daemon successfully started

Recommended Action No action is required.

VIM Messages

This section contains the VIM messages.

VIM-5

Error Message VIM-5-IF_ATTACHED: Interface [chars] is attached to [chars] on [chars]

Explanation Interface has been attached

Recommended Action No action is required.

Error Message VIM-5-IF_CONFIG_PURGE_AUTO: Configuration on interface [chars] has been auto purged ([chars])

Explanation Configuration on interface has been auto purged

Recommended Action No action is required.

Error Message VIM-5-IF_DELETE_AUTO: Interface [chars] has been auto deleted

Explanation Interface has been auto deleted as it is no longer in use

Recommended Action No action is required.

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Error Message VIM-5-IF_DELETE_CONFLICT: Interface [chars] conflicts with another interface on the peer vPC switch

Explanation Interface has been deleted

Recommended Action No action is required.

Error Message VIM-5-IF_DELETE_INIT_FAIL: Interface [chars] has been deleted due to init failure

Explanation Interface has been deleted due to an error which occurred during port initialization

Recommended Action No action is required.

Error Message VIM-5-IF_DELETE_USER: Interface [chars] has been manually deleted

Explanation Interface has been manually deleted by the user

Recommended Action No action is required.

Error Message VIM-5-IF_DETACHED_IF_REMOVED: Interface [chars] is detached (interface removed)

Explanation Interface has been detached because the interface was removed

Recommended Action No action is required.

Error Message VIM-5-IF_DETACHED_MODULE_REMOVED: Interface [chars] is detached (module removed)

Explanation Interface has been detached because the module was removed

Recommended Action No action is required.

Error Message VIM-5-IF_DETACHED: Interface [chars] is detached

Explanation Interface has been detached

Recommended Action No action is required.

Error Message VIM-5-VM_VEM_VMOTION_COMPLETE: VM with VM-ID ([chars]) and VM-Name ([chars]) has migrated from Module [dec] to Module [dec]. The veths attached to this VM are : [chars]

Explanation VM has completed a VMOTION from one ESX host to another

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VIM-SLOT#-5-IF_NO_ISCSI: The iscsi-multipath feature inherited on interface [chars] is not supported on VEM with host version [chars]; feature configuration ignored.

Explanation ISCSI multipath is implemented only on VEMs running on ESX version 4.0 update 1 or greater.

Recommended Action No action is required.

VLAN_MGR Messages

This section contains the VLAN_MGR messages.

VLAN_MGR-2

Error Message VLAN_MGR-2-ERROR_MSG: [chars]

Explanation VLAN manager error

Recommended Action No action is required.

Error Message VLAN_MGR-2-INFO_MSG: [chars]

Explanation VLAN manager info

Recommended Action No action is required.

Error Message VLAN_MGR-2-VLAN_MGR_SAME_VLAN_PORTS: Interface [chars] and [chars] may configured with same VLANs. If they are not a Ether-channel member port, this configuration is not supported on N1K and may result in network instability. Please correct it.

Explanation On a module, configuring more than one physical ethernet interface(non Ether-channel member port) with same VLANs results in a loop and network instability.

Recommended Action Correct the mis-configuration by removing the conflicting VLANs from one of the interface if its present

Error Message VLAN_MGR-2-WARN_MSG: [chars]

Explanation VLAN manager warning

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

VLAN_MGR-6

Error Message VLAN_MGR-6-VLAN_CREATED: VLAN [dec], created

Explanation VLAN created

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_MGR_STATEFULL_RESTART: VLAN Manager statefull restart

Explanation VLAN Manager statefull restart

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_MGR_STATELESS_RESTART: VLAN Manager stateless restart

Explanation VLAN Manager stateless restart

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_OPER_STATUS_CHG: VLAN [dec], status changed to [chars]

Explanation VLAN operational state change

Recommended Action No action is required.

VMM Messages

This section contains the VMM messages.

VMM-2

Error Message VMM-2-VMM_SERVICE_ERR: VDC[dec]: Service SAP [dec] returned error [hex] ([chars]) in [chars] sequence

Explanation Service returned error in the specified sequence

Recommended Action No action is required.

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Error Message VMM-2-VMM_TIMEOUT: VDC[dec]: Service SAP [dec] timed out in [chars] sequence

Explanation Service did not respond in the specified sequence

Recommended Action No action is required.

VMS Messages

This section contains the VMS messages.

VMS-2

Error Message VMS-2-FORCE_DISCONNECT: Attempt to resync Port-Profile manager failed. Disconnecting from vCenter server. Please try to re-connect or reload the VSM to recover

Explanation Disconnected from the vCenter Server due to an inconsistency with the Port-Profile Manager.

Recommended Action Connection has been dropped due to an inconsistency between the portgroups on the vCenter Server and the local Port-Profile Manager. Possible actions to resolve this issue: (1) Attempt a 'no connect' and a 'connect' to resync the data (2) If Standby VSM present - perform 'system switchover' to standby (3) If Standby VSM not present - perform 'reload' of the VSM

VMS-3

Error Message VMS-3-CONNECTION_ERROR: Unable to communicate with vCenter Server/ESX. Disconnecting..

Explanation Communication with vCenter Server via HTTPS failed when making VIM service call. SVS will disconnect.

Recommended Action Starting poll to reconnect to vCenter Server. If it does not work, Admin has to fix the problem and do manual connect again

Error Message VMS-3-CONN_CONNECT_ERR: Connection '[chars]' failed to connect to the vCenter Server.

Explanation Failed to connect to the vCenter Server.

Recommended Action Connection could fail because of multiple reasons. Check if there is network connectivity by pinging vCenter Server. Make sure the CP extension file is registered in the vCenter Server

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VMS-3-DVPG_NICS_MOVED: '[dec]' nics have been moved from port-group '[chars]' to '[chars]'.

Explanation When deleting the port-group or changing the capability of the port-group, the nics attached to this port-group are being moved out to the Quarantine port-groups

Recommended Action Nics should be removed from the Quarantine port-groups on vCenter Server and re-assigned to the required port-group

Error Message VMS-3-DVS_CFG_DATA_SZ_EXCEEDED: Not all system port-profiles were added to the switch configuration data due to its size limit.

Explanation Not all system port-profiles were added because doing so would cause the switch configuration data to exceed its size limit. The missing system port-profile config could result in loss of VEM connectivity with VSM, vCenter Server or others.

Recommended Action Please reduce the number of system port-profiles. System VLANs and profiles should be used sparingly. For more information about system port-profiles see the Cisco Nexus1000V Port Profile Configuration Guide.

Error Message VMS-3-DVS_UPDATE_ERROR: Unable to Update N1KV DVS in the VMware vCenter Error: [chars]

Explanation Dvs.reconfigure failed in the VMware vCenter when trying to update dvsname/opaquedata /uplinkportgroup.

Recommended Action If the DVS Name already exists, then choose different name. If not, try no connect/connect again.

Error Message VMS-3-MALLOC_FAIL: Failed to allocate memory for '[chars]'.

Explanation Failed to allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VMS-5

Error Message VMS-5-CONN_CONNECT: Connection '[chars]' connected to the vCenter Server.

Explanation Connection established to the vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-CONN_CREATE: Connection '[chars]' created.

Explanation New connection configured by user.

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VMS-5-CONN_DELETE: Connection '[chars]' deleted.

Explanation Connection configuration deleted by user.

Recommended Action No action is required.

Error Message VMS-5-CONN_DISCONNECT: Connection '[chars]' disconnected from the vCenter Server.

Explanation Disconnected from the vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-DVPG_CREATE: created port-group '[chars]' on the vCenter Server.

Explanation Created a new port group on vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-DVPG_DELETE: deleted port-group '[chars]' from the vCenter Server.

Explanation Deleted port group from vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-DVPG_RENAME: renamed port-group '[chars]' to '[chars]' on the vCenter Server.

Explanation Renamed port group on vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-DVS_CREATE: dvswitch '[chars]' created on the vCenter Server.

Explanation New dvswitch created.

Recommended Action No action is required.

Error Message VMS-5-DVS_DELETE: dvswitch '[chars]' deleted from the vCenter Server.

Explanation Dvswitch deleted.

Recommended Action No action is required.

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Error Message VMS-5-DVS_HOSTMEMBER_INFO: [chars]

Explanation DVS HostMember Information

Recommended Action No action is required.

Error Message VMS-5-DVS_NAME_CHANGE: Changed dvswitch name to '[chars]' on the vCenter Server.

Explanation Dvswitch name changed.

Recommended Action No action is required.

Error Message VMS-5-DVS_UPGRADE_INFO: [chars]

Explanation DVS Upgrade Information

Recommended Action No action is required.

Error Message VMS-5-VMS_PPM_MISMATCH: vCenter Server cache due to inconsistent values

Explanation The local cache of System Port-Profiles from the vCenter Server does not match the number of System Port-Profiles in the Port-Profile Manager

Recommended Action No action is required.

Error Message VMS-5-VMS_PPM_SYNC_COMPLETE: Sync between Port-Profile Manager and local vCenter Server cache complete

Explanation The local cache of System Port-Profiles from the vCenter Server has completed the synced with Port-Profile Manager

Recommended Action No action is required.

Error Message VMS-5-VMS_PPM_SYNC_TIME_EXP: vCenter Server cache due to sync timer expiration

Explanation The timer expired while waiting for Port-Profile Manager to complete its synchronization with the vCenter cache

Recommended Action No action is required.

Error Message VMS-5-VMS_VUM_COMPLETE_WARNING: User Needs to execute 'vmware vem upgrade complete'

Explanation The User has executed 'vmware vem upgrade proceed'. Following this , the user needs to execute 'vmware vem upgrade complete'

Recommended Action No action is required.

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Error Message VMS-5-VMS_VUM_PROCEED_WARNING: User Needs to execute 'vmware vem upgrade proceed'

Explanation The User has executed 'vmware vem upgrade notify'. Following this , the user needs to execute 'vmware vem upgrade notify'

Recommended Action No action is required.

Error Message VMS-5-VNIC_CREATE: created vnic '[chars]' with dvport_id '[chars]' on the vCenter Server.

Explanation Created a new vnic on vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-VNIC_DELETE: deleted vnic '[chars]' from the vCenter Server.

Explanation Deleted vnic from vCenter Server.

Recommended Action No action is required.

Error Message VMS-5-VNIC_OP_FAIL: vnic operation failed on the vCenter Server.

Explanation Vnic operation failed on the vCenter Server

Recommended Action No action is required.

Error Message VMS-5-VNIC_UPDATE: updated vnic '[chars]' on the vCenter Server.

Explanation Updated vnic on vCenter Server.

Recommended Action No action is required.

VNI Messages

This section contains the VNI messages.

VNI-2

Error Message VNI-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Send document comments to nexuslk-docfeedback@cisco.com

VNI-3

Error Message VNI-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

VNI-6

Error Message VNI-6-INTERFACE_EVENT: VSAN interface [chars] [chars]

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message VNI-6-STARTING: Virtual Network Interface Manager started

Explanation The service has successfully started.

Recommended Action No action is required.

Error Message VNI-6-VSAN_DELETED: VSAN [dec] has been deleted

Explanation The specified VSAN has been deleted. The service will delete all the configuration on that VSAN.

Recommended Action No action is required.

VNS_AGENT Messages

This section contains the VNS_AGENT messages.

VNS_AGENT-2

Error Message VNS_AGENT-2-VNSA_LIC_CRIT: [chars]

Explanation VNS License related critical error

Recommended Action No action is required.

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Error Message VNS_AGENT-2-VNSA_LIC_SLOT_INFO_ERR: Received invalid slot info for slot [dec] [[chars]]. May not be able to proceed to checkout vns license. Please contact tech support for help.

Explanation VNS License could not be obtained

Recommended Action No action is required.

Error Message VNS_AGENT-2-VNSA_UNLICENSED: VNS license for slot [dec] could not be obtained. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.

Explanation VNS License could not be obtained

Recommended Action Please contact your sales representative to obtain a license

VNS_AGENT-3

Error Message VNS_AGENT-3-VPATH_LIC_CFG_ERR: failed to configure license, num_of_licenses [dec] module [dec] err [dec]

Explanation Failed to configure license

Recommended Action No action is required.

Error Message VNS_AGENT-3-VPATH_ORG_CFG_ERR: failed to configure org, if_index [hex] ([hex]) module [dec] oper [dec] err [dec]

Explanation Failed to configure org

Recommended Action No action is required.

Error Message VNS_AGENT-3-VPATH_PORT_CFG_ERR: failed to configure vsn-port, if_index [hex] ([hex]) vsnindex [dec] module [dec] oper [dec] err [dec]

Explanation Failed to configure vsn-port

Recommended Action No action is required.

Error Message VNS_AGENT-3-VPATH_VSN_CFG_ERR: failed to configure vsn, vlan [dec] ip [chars] vsnindex [dec] module [dec] oper [dec] err [dec]

Explanation Failed to configure vsn

Recommended Action No action is required.

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Error Message VNS_AGENT-3-VSN_VLAN_DOWN: VSN-VLAN, [dec], specified in port-profile, [chars], is down.

Explanation VSN VLAN is down

Recommended Action Please check VLAN status configured in vn-service command

VNS_AGENT-5

Error Message VNS_AGENT-5-VNSA_CLOCK_CHANGE: Clock setting has been changed on the system. Please be aware that clock changes will force a recheckout of all existing VNS licenses. During this recheckout procedure, licensed VEMs could lose their VNS licenses.

Explanation Clock setting has been changed on the system. Please be aware that clock changes will force a recheckout of all existing VNS licenses. During this recheckout procedure, licensed VEMs could lose their VNS licenses.

Recommended Action No action is required.

VNS_AGENT-6

Error Message VNS_AGENT-6-VNSA_LIC_CHECKIN: VNS licenses for Slot [dec] are being checked in.

Explanation Licenses are being checked in for the slot

Recommended Action No action is required.

Error Message VNS_AGENT-6-VNSA_LIC_RECHECKOUT: VNS licenses for VEM [dec] are being rechecked out due to [chars].

Explanation Licenses are being rechecked out from license manager

Recommended Action No action is required.

VNS_AGENT-7

Error Message VNS_AGENT-7-VNSA_LIC_DEBUG: [chars]

Explanation VNS License related debug info

Recommended Action No action is required.

VPC Messages

This section contains the VPC messages.

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VPC-2

Error Message VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain [dec], VPC peer keep-alive receive has failed

Explanation Peer keep-alive receive failed

Recommended Action No action is required.

Error Message VPC-2-PEER_KEEP_ALIVE_SEND_FAIL: In domain [dec], VPC peer keep-alive send has failed

Explanation Peer keep-alive send failed

Recommended Action No action is required.

Error Message VPC-2-PEER_VPC_RESP_TIMEDOUT: Failed to receive response from peer for vPC: [dec]

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-2-TRACK_INTFS_DOWN: In domain [dec], vPC tracked interfaces down, suspending all vPCs and keep-alive

Explanation VPC tracked object down

Recommended Action No action is required.

Error Message VPC-2-VPC_ISSU_END: Peer vPC switch ISSU end, unlocking configuration

Explanation Peer vPC switch issu end

Recommended Action No action is required.

Error Message VPC-2-VPC_ISSU_START: Peer vPC switch ISSU start, locking configuration

Explanation Peer vPC switch issu start

Recommended Action No action is required.

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Error Message VPC-2-VPC_LC_FAIL: LC [dec] does not support required hardware for vPC; run 'show vdc membership status' for port status

Explanation Lc insertion failed

Recommended Action No action is required.

Error Message VPC-2-VPC_SUSP_ALL_VPC: Peer-link going down, suspending all vPCs on secondary

Explanation Peer link down suspend vPCs

Recommended Action No action is required.

Error Message VPC-2-VPC_SVI_EXCLUDE: vPC [dec] has up vlans [chars] which are excluded from suspension on dual-active

Explanation VPC track object deconfigured

Recommended Action No action is required.

VPC-3

Error Message VPC-3-GLOBAL_CONSISTENCY_FAILED: In domain [dec], global configuration is not consistent ([chars])

Explanation Global compat-check failed

Recommended Action No action is required.

Error Message VPC-3-INTF_CONSISTENCY_FAILED: In domain [dec], VPC [dec] configuration is not consistent ([chars])

Explanation MCEC compat-check failed

Recommended Action No action is required.

Error Message VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

Explanation Peer unreachable

Recommended Action No action is required.

Error Message VPC-3-PEER_VPC_BRINGUP_FAILED: Peer vPC [dec] bringup failed ([chars])

Explanation Peer vPC bringup failed

Recommended Action No action is required.

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Error Message VPC-3-VPCM_ASSERTION_FAILED: [chars]

Explanation VPCM has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_INIT_FAIL: vPC Manager Initialization Failed ([chars])

Explanation VPCM Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_INTERNAL_ERR: [chars]

Explanation VPCM encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_MTS_ERR: [chars]

Explanation VPCM encountered an MTS error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPC_BRINGUP_FAILED: vPC [dec] bringup failed ([chars])

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_BRINGUP_FAILED: vPC peer-link bringup failed ([chars])

Explanation VPC Peer-link bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_DOWN: VPC Peer-link is down ([chars])

Explanation VPC Peer link is down (reason)

Recommended Action No action is required.

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VPC-4

Error Message VPC-4-PEER_VPC_DELETED: Peer vPC [dec] deleted

Explanation Peer vPC configuration deleted

Recommended Action No action is required.

Error Message VPC-4-VPC_DELETED: vPC [dec] is deleted

Explanation VPC configuration deleted

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_LINK_DELETED: vPC Peer-link deleted. This will bringdown all vPC interfaces

Explanation VPC Peer-link configuration removed

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_ROLE_CHANGE: In domain [dec], VPC peer role status has changed to [chars]

Explanation VPC Peer role status changed to (Primary/Secondary)

Recommended Action No action is required.

Error Message VPC-4-VPC_ROLE_CHANGE: In domain [dec], VPC role status has changed to [chars]

Explanation VPC role status changed to (Primary/Secondary)

Recommended Action No action is required.

VPC-5

Error Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: Global configuration for vPC domain [dec] is consistent

Explanation Global compat-check passed

Recommended Action No action is required.

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Error Message VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration is consistent

Explanation VPC configuration is consistent

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_STATUS: In domain [dec], peer keep-alive status changed to [chars]

Explanation Peer keep-alive (oob) status is changed to <peer-alive

Recommended Action Peer-not-alive

Error Message VPC-5-VPCM_DISABLED: vPC Manager disabled

Explanation VPCM Service Disabled

Recommended Action No action is required.

Error Message VPC-5-VPCM_ENABLED: vPC Manager enabled

Explanation VPCM Service Enabled

Recommended Action No action is required.

Error Message VPC-5-VPC_RESTORE_TIMER_EXPIRED: vPC restore timer expired, reiniting vPCs

Explanation VPC restore timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_RESTORE_TIMER_START: vPC restore timer started to reinit vPCs

Explanation VPC restore timer start

Recommended Action No action is required.

Error Message VPC-5-VPC_ROLE_PREMPT: In domain [dec], vPC role pre-emption triggered

Explanation VPC preemption triggered

Recommended Action No action is required.

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VPC-6

Error Message VPC-6-PEER_KEEP_ALIVE_RCV_INT_CHANGED: In domain [dec], VPC peer-keepalive received on interface [chars]

Explanation VPC peer-keepalive receive interface changed

Recommended Action No action is required.

Error Message VPC-6-PEER_KEEP_ALIVE_RECV_SUCCESS: In domain [dec], vPC peer keep-alive receive is successful

Explanation Peer keep-alive receive successful

Recommended Action No action is required.

Error Message VPC-6-PEER_KEEP_ALIVE_SEND_INT_CHANGED: In domain [dec], VPC peer-keepalive sent on interface [chars]

Explanation VPC peer-keepalive send interface changed

Recommended Action No action is required.

Error Message VPC-6-PEER_KEEP_ALIVE_SEND_SUCCESS: In domain [dec], vPC peer keep-alive send is successful

Explanation Peer keep-alive send successful

Recommended Action No action is required.

Error Message VPC-6-PEER_LOCK_FAILED: Locking failed on peer switch - Aborting upgrade!!

Explanation Locking failed on peer switch

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_CFGD_VLANS_CHANGED: Peer vPC [dec] configured vlans changed

Explanation Remote MCEC configured vlans Changed

Recommended Action No action is required.

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Error Message VPC-6-PEER_VPC_CFGD: peer vPC [dec] is configured

Explanation VPC is configured

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_DOWN: Peer vPC [dec] is down ([chars])

Explanation Peer vPC is down

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_UP: Peer vPC [dec] is up

Explanation Peer vPC is up

Recommended Action No action is required.

Error Message VPC-6-ROLE_PRIORITY_CFGD: In domain [dec], vPC role priority changed to [dec]

Explanation Role priority configured

Recommended Action No action is required.

Error Message VPC-6-STATS_CLEARED: vPC Statistics Cleared

Explanation VPC statistics cleared

Recommended Action No action is required.

Error Message VPC-6-SYSTEM_MAC_CFGD: In domain [dec], vPC system-mac changed to [chars]

Explanation System mac configured

Recommended Action No action is required.

Error Message VPC-6-SYSTEM_PRIO_CFGD: In domain [dec], vPC system priority changed to [dec]

Explanation System priority changed

Recommended Action No action is required.

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Error Message VPC-6-TRACK_OBJ_CONFIGURED: In domain [dec], track object configured [dec]

Explanation VPC track object configured

Recommended Action No action is required.

Error Message VPC-6-TRACK_OBJ_DELETED: In domain [dec], track object deleted

Explanation VPC track object deconfigured

Recommended Action No action is required.

Error Message VPC-6-TYPE1_PARAM_CHANGED: TYPE-1 parameters changed: [chars]

Explanation Type-1 Parameters Changed

Recommended Action No action is required.

Error Message VPC-6-VPCM_INTERNAL_INFO: [chars]

Explanation VPCM got an internal info [chars]

Recommended Action No action is required.

Error Message VPC-6-VPC_ALLOWED_VLAN_CHANGED: vPC [dec] operational vlans changed

Explanation Operational vlans changed on vPC

Recommended Action No action is required.

Error Message VPC-6-VPC_CFGD: vPC [dec] is configured

Explanation VPC is configured

Recommended Action No action is required.

Error Message VPC-6-VPC_DOMAIN_ID_CFGD: vPC domain-id configured to [dec]

Explanation VPC domain-id configured

Recommended Action No action is required.

Error Message VPC-6-VPC_DOWN: vPC [dec] is down ([chars])

Explanation VPC is down (reason)

Recommended Action No action is required.

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Error Message VPC-6-VPC_PEER_LINK_CFGD: vPC peer-link is configured

Explanation VPC Peer-link is configured

Recommended Action No action is required.

Error Message VPC-6-VPC_PEER_LINK_UP: vPC Peer-link is up

Explanation VPC Peer-link is up

Recommended Action No action is required.

Error Message VPC-6-VPC_UP: vPC [dec] is up

Explanation MCEC is UP

Recommended Action No action is required.

VPM Messages

This section contains the VPM messages.

VPM-2

Error Message VPM-2-GENERAL_ERROR: [chars]

Explanation The VP Manager has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message VPM-2-MALLOC_ERROR: Size [dec] bytes

Explanation The VP Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-2-PSS_ERROR: [chars]

Explanation The VP Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

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Error Message VPM-2-VPMON_CRIT: [chars] [dec]

Explanation VPMON daemon critical message

Recommended Action No action is required.

Error Message VPM-2-VPMON_DPP_DOWNLOAD: HB failure, Restarting the DPP [dec]

Explanation VPMON daemon redownloading DPP(s)

Recommended Action ISAPI API users need to re-download config data to fast path

Error Message VPM-2-VPMON_DPP_RELOAD_FORCE: Force reload of DPP(s) [chars]: [chars]

Explanation VPMON daemon critical action message

Recommended Action No action is required.

VPM-3

Error Message VPM-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.]

Recommended Action No action is required.

Error Message VPM-3-SEND_TO_ILC_FAILED: [chars]

Explanation The VP Manager could not send to ILC for DG=[chars], at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-3-SEND_TO_SNMP_AGENT_FAILED: [chars]

Explanation The VP Manager could not send to SNMP Agent for DG=[chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The VP Manager has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

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Error Message VPM-3-VPM_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The VP Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

VPM-4

Error Message VPM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the VP Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

VPM-6

Error Message VPM-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The VP Manager on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message VPM-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The VP Manager became standby from active mode.

Recommended Action No action is required.

Error Message VPM-6-DG_DEREGISTERED: [chars]

Explanation The VP Manager has deregistered DG [chars] at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Error Message VPM-6-DG_REGISTERED: [chars]

Explanation The VP Manager has registered DG [chars] from slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Send document comments to nexus1k-docfeedback@cisco.com

Error Message VPM-6-EXITING: Exited due to [chars]

Explanation The VP Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message VPM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The VP Manager was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message VPM-6-GENERAL_EVENT: [chars]

Explanation The VP Manager has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message VPM-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of VP Manager has been recreated

Recommended Action No action is required.

Error Message VPM-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of Vp Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message VPM-6-SERVICE_UP: Initialized [chars]

Explanation The VP Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message VPM-6-SWITCHOVER: Switching Over to other Sup.

Explanation The VP Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

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Error Message VPM-6-VPMON_INFO: [chars]

Explanation VPMON daemon informational message

Recommended Action No action is required.

Error Message VPM-6-VPMON_STARTING: daemon started

Explanation The VPMON daemon successfully started

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_LICENSE_GRACE: MDS LICENSE in grace period for feature : [chars]

Explanation MDS license is in grace period. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_LICENSE_REVOKED: MDS LICENSE REVOKED for feature : [chars]

Explanation MDS license is revoked. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_TIMED_LICENSE: Timed MDS LICENSE for feature : [chars]

Explanation Timed MDS license

Recommended Action No action is required.

VPM-SLOT#-2

Error Message VPM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

VRRP-CFG Messages

This section contains the VRRP-CFG messages.

Send document comments to nexus1k-docfeedback@cisco.com

VRRP-CFG-2

Error Message VRRP-CFG-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message VRRP-CFG-2-VSH_REGISTER_FAIL: VSH registration failed returning [dec]

Explanation VRRP's parse tree registration with VSH failed

Recommended Action No action is required.

VRRP-CFG-3

Error Message VRRP-CFG-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message VRRP-CFG-3-VRRP_FEATURE_MANAGER_ERROR: Error in feature manager operation

Explanation The feature manager operation did not go through fine

Recommended Action Please check the reason for error using feature manager and rectify the problem

VRRP-CFG-5

Error Message VRRP-CFG-5-STARTING: VRRP Manager service started

Explanation The service successfully started.

Recommended Action No action is required.

VRRP-ENG Messages

This section contains the VRRP-ENG messages.

Send document comments to nexus1k-docfeedback@cisco.com

VRRP-ENG-2

Error Message VRRP-ENG-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message VRRP-ENG-2-INVALID_CONFIG: Cannot start the VR[chars] [dec] on the interface [chars]. Invalid IP configuration. Reason: [chars]

Explanation The specified VR on interface [chars] is enabled but the IP configuration is not valid because of [chars].

Recommended Action Show interface to check that the IP address of the interface is configured and it is in the same subnet of the virtual router address.

Error Message VRRP-ENG-2-VR_FAILURE: Error in VR[chars] [dec] interface [chars].
Going to init state

Explanation The VR [dec] on the interface [chars] is in init state for an internal error.

Recommended Action Show interface to check the status of the interface, show configuration, status and statistics of the specified virtual router, enable the vrrp debug and shut/ no shut the specified virtual router.

VRRP-ENG-3

Error Message VRRP-ENG-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

VRRP-ENG-4

Error Message VRRP-ENG-4-BAD_ADV: VR[chars] ID [dec] on interface [chars] bad advertisement received: reason [chars]

Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.

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VRRP-ENG-5

Error Message VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR[chars] [dec] since the interface [chars] is down

Explanation The specified VR is enabled but can't change state from init. The specified interface is down or doesn't have a primary IP address configured.

Recommended Action No action is required.

Error Message VRRP-ENG-5-INTERFACE_STATE_CHANGE: Interface [chars] state changed to [chars]

Explanation The interface specified has changed state This could have triggered a VRRP status change.

Recommended Action No action is required.

Error Message VRRP-ENG-5-STARTING: VRRP Engine service started

Explanation The service successfully started.

Recommended Action No action is required.

Error Message VRRP-ENG-5-VR_STATE_CHANGE: VR[chars] ID [dec] on interface [chars] state changed to [chars]

Explanation The status of the specified virtual router has changed to [chars].

Recommended Action No action is required.

VRRP-ENG-6

Error Message VRRP-ENG-6-VSHA_RESULT: VR ID [dec] on interface [chars] state change request result [chars]

Explanation The result of the request for status change on the virtual router (with VSHA extension) specified is [chars].

Recommended Action No action is required.

VSAN Messages

This section contains the VSAN messages.

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VSAN-2

Error Message VSAN-2-PROGRAM_EXIT: process exiting with reason: [chars]

Explanation VSAN manager process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-3

Error Message VSAN-3-CFS_OPERATION_FAILED: cfs [chars] operation failed : [chars]

Explanation Cfs operation [chars1] has failed. [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message VSAN-3-MEM_ALLOC_FAILED: alloc failed for size:[dec]

Explanation Memory allocation of size [dec] failed.

Recommended Action Do show process memory command to see memory usage of processes.

Error Message VSAN-3-MESSAGE_ERROR: could not handle message:[chars] of type [dec] sent by addr [dec]:[dec]

Explanation Got an IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-6

Error Message VSAN-6-ACTIVATED: VSAN:[dec] changing from suspended to active

Explanation Making VSAN with ID [dec] active from suspended state.

Recommended Action No action is required.

Error Message VSAN-6-CFS_MERGE_NOT_SUPPORTED: merging of fctimer configuration data is not supported

Explanation Merging of fctimer configuration data using cfs is not supported

Recommended Action No action is required.

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Error Message VSAN-6-CREATED: Created VSAN:[dec] with name:[chars]

Explanation Created VSAN with ID [dec] and name [chars].

Recommended Action No action is required.

Error Message VSAN-6-MEMBERSHIP_UPDATE: Updated membership for interface:[chars] with VSAN:[dec]

Explanation Updating membership for interface [chars] with VSAN [dec].

Recommended Action No action is required.

Error Message VSAN-6-REMOVED: Removed VSAN:[dec]

Explanation Removed VSAN with ID [dec].

Recommended Action No action is required.

Error Message VSAN-6-SUSPENDED: VSAN:[dec] changing from active to suspended

Explanation Suspending VSAN with ID [dec] from active state.

Recommended Action No action is required.

Error Message VSAN-6-TRUNKING_MEMBERSHIP_UPDATE: trunking membership updated for interface:[chars] with VSAN bitmap:[chars]

Explanation Updated trunking membership for interface [chars1] with allowed VSAN list [chars2].

Recommended Action No action is required.

VSD Messages

This section contains the VSD messages.

VSD-SLOT#-2

Error Message VSD-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

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VSHD Messages

This section contains the VSHD messages.

VSHD-2

Error Message VSHD-2-VSHD_ROLE_DATABASE_TOO_LARGE: Role database too large. Unable to add RBAC entry

Explanation There are too many rules and policies configured causing the entire role database to exceed 120KB

Recommended Action Please delete some rules, policies, or roles and try to better optimize the RBAC database

Error Message VSHD-2-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]

Explanation Error in CLI EOL function

Recommended Action No action is required.

Error Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message VSHD-2-VSHD_SYSLOG_SDWRAP_ERR: Description:[chars] errcode:[dec]

Explanation Debug infrastructure error

Recommended Action No action is required.

VSHD-3

Error Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation This is probably occurring due to unstable fabric

Recommended Action Please retry operation when fabric is stable

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Error Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars]
errcode:[dec]

Explanation File handling error

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message [chars]

Explanation MTS message handling error

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: [chars]

Explanation Error while updating parse tree in shell

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars]
errcode:[dec]

Explanation PSS handling error

Recommended Action No action is required.

VSHD-4

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (deny) for all roles when license expires

Explanation Vsan policy would be set default (deny) for all roles when license expires

Recommended Action Please install the license file to continue using the feature.

Error Message VSHD-4-VSHD_ROLE_DATABASE_OUT_OF_SYNC: Role configuration database found to be different between the switches during merge

Explanation Role configuration database is recommended to be identical among all switches in the fabric.

Recommended Action Edit the configuration on one of the switches to obtain the desired role configuration database and then commit it

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Error Message VSHD-4-VSHD_ROLE_DATABASE_VERSION_NOT_UNDERSTOOD: This switch does not understand the version of role configuration database received during merge

Explanation This is probably occurring due to different versions of system image on switches in the fabric

Recommended Action Please make sure all switches are running the same version of the system image

VSHD-5

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_CHANGE: VDC=[chars], VTY=[chars], user=[chars], CMD=[chars]

Explanation Configuration change notification

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_I: Configured from vty by [chars] on [chars]

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_CREATED: New cli role [chars] created

Explanation New cli role created

Recommended Action No action is required.

VSHD-7

Error Message VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]

Explanation Parse tree updated in shell

Recommended Action No action is required.

WWN Messages

This section contains the WWN messages.

Send document comments to nexus1k-docfeedback@cisco.com

WWN-1

Error Message WWN-1-TYPE1_ALERT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has run out of WWNs. No new dynamically allocated WWNs are available. However, statically assigned WWNs such as switch WWN, port WWN, etc. are still available.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message WWN-1-TYPES2_5_ALERT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has run out of WWNs of NAA Types 2 and 5

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-2

Error Message WWN-2-BKPLN_PROM_CANT_READ: Can not read backplane PROM

Explanation The WWN Manager has failed to read chassis information. No dynamic WWNs could be allocated.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message WWN-2-EXITING: Exited due to [chars]

Explanation The WWN Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message WWN-2-GENERAL_ERROR: [chars]

Explanation The WWN Manager has encountered a critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message WWN-2-MALLOC_ERROR: Size [dec] bytes

Explanation The WWN Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

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Error Message WWN-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free

Explanation This WWN Manager detected a discrepancy between the information on the chassis and that in its persistent information databases. The persistent information database has been updated with the information on the chassis.

Recommended Action No action is required.

Error Message WWN-2-PSS_ERROR: [chars]

Explanation The WWN Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message WWN-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]

Explanation The WWN Manager has failed to rotate its current stdout file with filename [str.]. The filesize could grow beyond its maximum limit.

Recommended Action No action is required.

Error Message WWN-2-TYPE1_CRIT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message WWN-2-TYPES2_5_CRIT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-3

Error Message WWN-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.].

Recommended Action No action is required.

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Error Message WWN-3-RELEASE_ERR_UNKNOWN: Unknown WWN [chars] [chars]

Explanation WWN Manager received a request to release a WWN [char] that could not have been allocated by this WWN Manager due to [char].

Recommended Action No action is required.

Error Message WWN-3-RELEASE_ERR: Cant Rel. WWN [chars]

Explanation WWN Manager received a request to release a WWN that cannot be released.

Recommended Action No action is required.

Error Message WWN-3-STARTUP_COPY_TO_RUNNING_FAILED: [chars]

Explanation Could not snapshot Startup-Config PSS to Running-Config. The description of error is [str.].

Recommended Action No action is required.

Error Message WWN-3-TOOMANY_REQ_REL: WWNs [chars] = [dec] > MAX LIMIT 1024 - Denied

Explanation The WWN Manager received a request to allocate [dec] WWN, which is more than the maximum number of WWNs that can be allocated/released in a single request.

Recommended Action No action is required.

Error Message WWN-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec] Opcode=[dec]

Explanation The WWN Manager has received an unknown message from [dec].[dec] with opcode [dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message WWN-3-WWN_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The WWN Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

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WWN-4

Error Message WWN-4-PSS_SUP_CNT_MISMATCH: PSS [dec] Bkpln [dec]

Explanation The WWN Manager has detected that some other supervisor card was plugged in earlier on this chassis. This WWN Manager is making sure that new WWNs allocate do not conflict with WWNs that could have been allocated by the previous supervisor card.

Recommended Action No action is required.

Error Message WWN-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the WWN Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

Error Message WWN-4-TYPE1_WARN: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining for allocation.

Recommended Action No action is required.

Error Message WWN-4-TYPES2_5_WARN: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-5

Error Message WWN-5-VSAN_WWN_CHANGE: [chars]

Explanation VSAN-WWN created or deleted. The description of error is [str.].

Recommended Action No action is required.

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WWN-6

Error Message WWN-6-ALLOCATED_BLOCK: Block number [dec]

Explanation The WWN Manager has allocated a new block, block number [dec], of 256 WWNs for internal use.

Recommended Action No action is required.

Error Message WWN-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The WWN Manager on the standby supervisor became active and it is ready to serve client requests for WWNs.

Recommended Action No action is required.

Error Message WWN-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The WWN Manager became standby from active mode.

Recommended Action No action is required.

Error Message WWN-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message WWN-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The WWN Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message WWN-6-GENERAL_EVENT: [chars]

Explanation The WWN Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message WWN-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of the WWN Manager has been recreated.

Recommended Action No action is required.

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Error Message WWN-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message WWN-6-RELEASED_BLOCK: Block number [dec]

Explanation The WWN Manager has released a block, block number [dec], of 256 WWNs.

Recommended Action No action is required.

Error Message WWN-6-SEC_MAC_UPDATED: MAC=[chars] Range=[dec]

Explanation The WWN Manager had updated the Secondary MAC address with MAC address [char] and range [dec]. This update was initiated from a management entity.

Recommended Action No action is required.

Error Message WWN-6-SERVICE_UP: Initialized [chars]

Explanation The WWN Manager is up and ready to accept client requests for WWNs. The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message WWN-6-SWITCHOVER: Switching Over to other Supervisor

Explanation The WWN Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

WWN-7

Error Message WWN-7-RELEASE_ERR_FREE: Already free WWN [chars]

Explanation A client of WWN Manager attempted to release WWN [char] which is already free. This information is for debugging only.

Recommended Action No action is required.

XBAR_CLIENT Messages

This section contains the XBAR_CLIENT messages.

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XBAR_CLIENT-2

Error Message XBAR_CLIENT-2-MEM_FULL: memory allocation failed

Explanation Process xbar_client failed to allocate memory

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-2-PROC_DN: exiting: [chars].

Explanation Process xbar_client is exiting

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message XBAR_CLIENT-2-PROC_INITFAIL: initialization failed due to [chars]

Explanation Process xbar_client failed initialization

Recommended Action Please examine the xbar-client event-history for more information.

XBAR_CLIENT-3

Error Message XBAR_CLIENT-3-IPC_MSGERR: failure processing IPC message [dec], error code = [dec]

Explanation Process xbar_client failed to process IPC message

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-3-IPC_MSGUNKN: unknown IPC message received: [dec]

Explanation Process xbar_client has received an unknown IPC message.

Recommended Action Please examine the xbar-client event-history for more information.

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XBAR_CLIENT-SLOT#-2

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_MEM_FULL: memory allocation failed in routine [chars]

Explanation Process xbar_client failed to allocate memory

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_DN: terminating due to signal [dec]

Explanation Process xbar_client is exiting

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_INITFAIL: initialization failed: syserr [dec], errno [dec]

Explanation Process xbar_client failed initialization

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR_CLIENT-SLOT#-3

Error Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_IPC_MSGUNKN: unknown IPC message received: opcode [dec]

Explanation Process xbar_client has received an unknown IPC message

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR Messages

This section contains the XBAR messages.

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XBAR-2

Error Message XBAR-2-ARB_INIT_FAIL: Arbiter Initialization failed return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-2-INCOMPATIBLE_CONFIG: [chars] [dec] [chars].

Explanation This module is not compatible with the current fabric mode. It will be powered down.

Recommended Action No action is required.

Error Message XBAR-2-XBAR_INSUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has insufficient xbar-bandwidth.

Explanation To track insufficient xbar-bandwidth.

Recommended Action No action is required.

Error Message XBAR-2-XBAR_SUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has sufficient xbar-bandwidth.

Explanation To track recovery from insufficient xbar-bandwidth.

Recommended Action No action is required.

XBAR-3

Error Message XBAR-3-MEM_FULL: Memory allocation failed. [chars] %i

Explanation The system has detected an error.

Recommended Action No action is required.

XBAR-5

Error Message XBAR-5-ARBITER_INIT_FAILURE: Re-initializing Arbiter. [chars] [chars] module %i

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

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Error Message XBAR-5-ARB_CLEAR_PORT_FAIL: Arbiter reported failure to de-register port [dec] in group [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_DIS_INTR_FAIL: Arbiter reported failure to disable interrupt for module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INSERT_CHECK_FAIL: Arbiter reported failure to recognize module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INSERT_FAIL: Arbiter reported failure to init module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INTR_FAIL: Arbiter reported failure to enable interrupt for module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_REMOVE_FAIL: Arbiter reported failure to remove module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_PORT_FAIL: Arbiter reported failure to register port [dec] in group [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

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Error Message XBAR-5-MOD_CONNECTION_REATTEMPT: Re-attempting XBAR connection with module [dec]

Explanation The module has experienced a setup failure on connecting the module to the fabric.

Recommended Action Collect more informations about XBAR component Use command 'show xbar internal event-history module <module id>'. Power cycling the module may recover.

Error Message XBAR-5-XBAR_ENABLE_FPOE_DB_FAILURE: XBAR [chars] enabling FPOE-DB mode failed

Explanation The supervisor failed to enable FPOE-DB mode in fabric. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_INIT_FAILURE: XBAR [chars] initialization failed [chars] %i

Explanation The supervisor has experienced a fabric initialization failure. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_INIT_FAIL: Xbar [[dec].[dec]] reported failure during initialization return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_CHECK_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to check sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_CONTINUE_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to continue sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

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Error Message XBAR-5-XBAR_PORT_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_FORCE_POE_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable force poe mode on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_FORCE_POE_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable force poe mode on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_LPBACK_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port loopback on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_LPBACK_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port loopback on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_START_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to start sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

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Error Message XBAR-5-XBAR_RELEASE_ACCESS_FAIL: Slot [dec] reported failure releasing [chars] xbar access return_code [hex] ([chars])

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_SET_ACCESS_FAIL: Slot [dec] reported failure acquiring [chars] xbar access return_code [hex] ([chars])

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_STANDBY_SUP_ARB_FAIL: [chars] return_code [hex] ([chars])

Explanation The supervisor has experienced an arbiter access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_STATUS_REPORT: Module [dec] reported status for component [dec] code [hex] .

Explanation An error status has been reported. If error is on supervisor, the supervisor is going to reboot. In case of dual supervisors, a switchover will occur. If error is on module, the module will be power cycled.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_SW_INIT_FAIL: Xbar [[dec].[dec]] reported failure durinig sw intialization return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

Send document comments to nexus1k-docfeedback@cisco.com

XMLMA-2

Error Message XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]

Explanation XML master agent has failed sending heartbeat.

Recommended Action No action is required.

Error Message XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]

Explanation XML master agent has failed initialization.

Recommended Action No action is required.

Error Message XMLMA-2-MTSError: XML master agent mts operation failed: [chars]

Explanation XML master agent mts operation failed.

Recommended Action No action is required.

Error Message XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]

Explanation XML master agent pss operation failed.

Recommended Action No action is required.

XMLMA-3

Error Message XMLMA-3-XMLMAERR: XML master agent: [chars]

Explanation XML master agent error log.

Recommended Action No action is required.

XMLMA-5

Error Message XMLMA-5-STARTING: XML master agent started [chars]

Explanation XML master agent has been started.

Recommended Action No action is required.

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XMLMA-6

Error Message XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]

Explanation XML master agent is exiting.

Recommended Action No action is required.

Error Message XMLMA-6-XMLMALOG: XML master agent operation log: [chars]

Explanation XML master agent operation log.

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Error Message XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]

Explanation XML sub agent failed sending heartbeat.

Recommended Action No action is required.

Error Message XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]

Explanation XML agent has failed initialization.

Recommended Action No action is required.

Error Message XMLSA-2-USER_INACTIVE: XML sub agent timeed out: [chars]

Explanation XML sub agent timedout due to inactivity.

Recommended Action No action is required.

Error Message XMLSA-2-VSH_ERR: XML sub agent vsh cmd error...: [chars]

Explanation XML sub agent vsh cmd error.

Recommended Action No action is required.

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XMLSA-5

Error Message XMLSA-5-STARTING: XML sub agent started: [chars]

Explanation XML sub agent has been started.

Recommended Action No action is required.

XMLSA-6

Error Message XMLSA-6-XMLSAEXIT: XML sub agent exiting...: [chars]

Explanation XML sub agent is exiting.

Recommended Action No action is required.

Error Message XMLSA-6-XMLSALOG: XML sub agent log: [chars]

Explanation XML sub agent log.

Recommended Action No action is required.

ZONE Messages

This section contains the ZONE messages.

ZONE-2

Error Message ZONE-2-LZ_EXITING: LUN/Read-only zoning process exited. Reason: [chars]

Explanation The LUN/Read-only zoning process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message ZONE-2-LZ_GENERAL_ERROR: [chars]

Explanation The LUN/Read-only zoning process has encountered a critical error. The description of error is [str].

Recommended Action No action is required.

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Error Message ZONE-2-LZ_INIT_FAILED: Initialization of LUN/Read-only zoning Process failed at [chars]

Explanation Initialization of LUN/Read-only zoning process failed at [char].

Recommended Action No action is required.

Error Message ZONE-2-LZ_MALLOC_ERROR: Size [dec] bytes

Explanation The LUN/Read-only zoning process could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ZONE-2-ZS_ALIAS_LIMIT_EXCEEDED: The limit for maximum number of aliases exceeded

Explanation The number of aliases configured has exceeded the maximum number of aliases allowed per vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of aliases is less than the maximum allowed in a vsan.

Error Message ZONE-2-ZS_ATTR_GROUP_LIMIT_EXCEEDED: The limit for maximum number of attribute groups exceeded

Explanation The number of attribute groups configured has exceeded the maximum number of attribute groups allowed in a vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of attribute groups is less than the maximum allowed in a vsan.

Error Message ZONE-2-ZS_CHANGE_ACA_FAILED: ACA failed : [chars]

Explanation Zone Server cannot acquire change authorization : [chars].

Recommended Action Verify the interoperability mode on all the switches OR retry later.

Error Message ZONE-2-ZS_CHANGE_ACQUIRE_AUTH_FAILED: Acquire authorization failed on VSAN [dec]

Explanation Zone Server cannot acquire authorization on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN_DOM: Activation failed : reason [chars] domain [dec]

Explanation Zone Server cannot activate due to reason [chars] on domain [dec].

Recommended Action No action is required.

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Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN: Activation failed : reason [chars]

Explanation Zone Server cannot activate due to reason [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED: Activation failed

Explanation Zone Server cannot activate the zoneset.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_APPLY_FAILED: Apply changed failed on VSAN [dec]

Explanation Zone Server cannot apply changes on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN_DOM: Deactivation failed : reason [chars] domain [dec]

Explanation Zone Server cannot deactivate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN: Deactivation failed : reason [chars]

Explanation Zone Server cannot deactivate due to reason [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED: Deactivation failed

Explanation Zone Server cannot deactivate the zoneset.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_RELEASE_AUTH_FAILED: Release authorization failed on VSAN [dec]

Explanation Zone Server cannot release authorization on VSAN [dec].

Recommended Action No action is required.

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Error Message ZONE-2-ZS_CHANGE_SFC_FAILED: SFC failed : [chars]

Explanation Zone Server cannot stage zone configuration : [chars].

Recommended Action Verify the interoperability mode on all the switches.

Error Message ZONE-2-ZS_CHANGE_SFC_REJECTED: SFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid SFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zoneset by name failed on VSAN [dec]

Explanation Zone Server cannot stage activate zoneset by name on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_ENH_FAILED: Stage activate zone set enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage activate zone set enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zoneset enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage deactivate zoneset enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_DFLT_ZONE_FAILED: Stage distribute default zone failed on VSAN [dec]

Explanation Zone Server cannot stage distribute default zone on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_ZS_DB_FAILED: Stage distribute zoneset database failed on VSAN [dec]

Explanation Zone Server cannot stage distribute zoneset database on VSAN [dec].

Recommended Action No action is required.

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Error Message ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_MODE_FAILED: Stage set zoning mode failed on VSAN [dec]

Explanation Zone Server cannot stage set zoning mode on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_POLICIES_FAILED: Stage set zoning policies failed on VSAN [dec]

Explanation Zone Server cannot stage set zoning policies on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_DB_OPERATION_FAILED: Database operation error: [chars]

Explanation Database operation is failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_EXPORT_IMPORT_FAILED: [chars] operation failed

Explanation [chars] (Export/Import) operation failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_FIPS_COMPLIANCE_FAILURE: FIPS compliance error: consecutively same random numbers

Explanation FIPS compliance error: consecutively same random numbers

Recommended Action No action is required.

Error Message ZONE-2-ZS_INIT_FAILED: [chars]

Explanation Zone Server initialization failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LICENSE_UNAVAIL: License:[chars] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs

Explanation License:[char] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs.

Recommended Action No action is required.

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Error Message ZONE-2-ZS_LIC_FAILURE: License [chars] operation failed for license [chars]

Explanation License [char] operation failed for license [char].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LUN_DISABLING_FAILED: license expiry handling failed for VSAN [dec]

Explanation License expiry handling failed for VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LUN_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of lun members exceeded

Explanation The number of lun members configured has exceeded the maximum number of lun members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of lun members is less than the maximum allowed across all vsans.

Error Message ZONE-2-ZS_MALLOC_FAILURE: Memory allocation failed for size [dec]

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message ZONE-2-ZS_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of members exceeded

Explanation The number of members configured has exceeded the maximum number of members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of members is less than the maximum allowed across all vsans.

Error Message ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding, isolating interface [chars]

Explanation Interface [chars] isolated due to adjacent switch not responding to Zone Server requests.

Recommended Action Flap the interface.

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Error Message ZONE-2-ZS_MERGE_FAILED: Zone merge failure, isolating interface [chars] [chars]

Explanation Interface [chars] isolated due to zone merge failure. error [chars]

Recommended Action Compare active zoneset with the adjacent switch OR use zone merge interface [interface] {import/export} VSAN [VSAN-num] command.

Error Message ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface [chars]

Explanation Full zoning databases are inconsistent between two switches connected by interface [chars]. Databases are not merged.

Recommended Action Compare full zoning database with the adjacent switch, correct the difference and flap the link.

Error Message ZONE-2-ZS_MERGE_UNKNOWN_FORMAT: Unknown format, isolating interface [chars]

Explanation Interface [chars] isolated due to unknown format in merge request.

Recommended Action Set the interoperability mode to same value on both switches.

Error Message ZONE-2-ZS_MTS_OPER_FAILED: MTS [chars] operation failed : [chars]

Explanation Zone Server MTS [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_PORT_SWAP_FAILURE: Port swap operation failed

Explanation Port swap operation failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_PSS_VER_MISMATCH: PSS version mismatch URL: [chars] (expected [chars], got [chars])

Explanation Configuration version mismatch. PSS URL [chars]. Expected version [chars], stored version [chars].

Recommended Action Upgrade/Downgrade to expected version.

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Error Message ZONE-2-ZS_TCAM_BROADCAST_ZONE_DISABLED: Broadcast zoning disabled : Reason: Hard zoning disabled

Explanation Broadcast zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_LUN_ZONING_DISABLED: LUN zoning disabled : Reason: Hard zoning disabled

Explanation LUN zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_PROGRAMMING_FAILED: TCAM operation failed : [chars], Reason: [chars]

Explanation TCAM Programming failure has occurred : [chars]. [chars] is the reason for failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_READ_ONLY_ZONE_DISABLED: Read-only zoning disabled : Reason: Hard zoning disabled

Explanation Read-only zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_SWITCHED_TO_SOFT_ZONING_MODE: Switched to soft zoning : Reason: Hard zoning disabled

Explanation Switched to soft zoning : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_VIRTUAL_DOMAIN_INCONSISTENT: IVR reporting virtual domain different from rib and domain manager in vsan [dec]

Explanation IVR reporting virtual domain different from rib and domain manager in vsan [dec].

Recommended Action No action is required.

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Error Message ZONE-2-ZS_ZONE_LIMIT_EXCEEDED: The limit for maximum number of zones exceeded

Explanation The number of zones configured has exceeded the maximum number of zones allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zones is less than the maximum allowed across all vsans.

Error Message ZONE-2-ZS_ZONE_SET_LIMIT_EXCEEDED: The limit for maximum number of zonesets exceeded

Explanation The number of zonesets configured has exceeded the maximum number of zonesets allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zonesets is less than the maximum allowed across all vsans.

ZONE-3

Error Message ZONE-3-LZ_UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The LUN/Read-only zoning process has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message ZONE-3-ZS_ACTIVATION_FAILED_DUE_TO_QOS_DISABLED: Activation failed due to qos not enabled

Explanation Activation of zoneset failed due to qos not enabled

Recommended Action Make sure qos is enabled and reactivate the zoneset in vsan.

ZONE-4

Error Message ZONE-4-LZ_OTHER_CMD_TO_ZONED_OUT_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received. FCP command [int] from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

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Error Message ZONE-4-ROZ_WRITE_ACCESS_TO_READ_ONLY_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a read-only LUN [char].

Recommended Action No action is required.

Error Message ZONE-4-ZS_BROADCAST_LUN_WARNING: LUN member(s) and Broadcast attribute are present in zone [chars] in vsan [dec]. Broadcast violations can occur for LUN members.

Explanation Broadcast violations can happen in zone [chars] in vsan [dec] since it has LUN zone members.

Recommended Action No action is required.

Error Message ZONE-4-ZS_CHANGE_LC_UPGRADE_IN_PROGRESS: Change protocol request is received from domain [dec] when linecard upgrade is in progress

Explanation A change request has been received from domain [dec] when a linecard upgrade is in progress. The change request is rejected.

Recommended Action No action is required.

Error Message ZONE-4-ZS_DB_WARNING: [chars]

Explanation Database operation warning: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_DOMAIN_MGR_WARNING: Unable to retrieve domain info from domain mgr error: [chars] in vsan [dec]

Explanation Unable to retrieve info of domain from domain manager, error: [chars] in vsan [dec].

Recommended Action No action is required.

Error Message ZONE-4-ZS_FC2_OPER_FAILED: FC2 [chars] operation failed : [chars]

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_IF_PORT_MODE_CONFLICT: Port mode conflict for if [chars]

Explanation Port mode conflict for if [chars]

Recommended Action Shutdown/no shutdown the interface

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Error Message ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwwn: [chars] is not a valid zone/alias member virtual name: [chars] pwwn: [chars]

Explanation Virtual device fwwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_LC_UPGRADE_CHANGE_IN_PROGRESS: Linecard upgrade request is received when change protocol is in progress

Explanation A request for linecard upgrade has been received when change protocol is in progress. The linecard upgrade will occur after the completion of the change protocol.

Recommended Action No action is required.

Error Message ZONE-4-ZS_LICENSE_EXPIRY_WARNING: Feature [chars] evaluation license [chars] expiry in [dec] days

Explanation Feature [chars1] will exceed it's evaluation time period in [dec] days and will be shut down unless a permanent license [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message ZONE-4-ZS_MEMBER_CONVERSION_FAILED: Zone Member conversion failed for [chars]. Error: [chars]

Explanation Zone Member conversion has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message ZONE-4-ZS_NON_INTEROPERABLE_ZONE_SET: Non interoperable active zoneset present on VSAN [dec] in interoperability mode

Explanation Active zoneset has non interoperable members (FCID, FWWN, ..) when interoperability mode is turned on the VSAN [dec].

Recommended Action Turn off interoperability mode OR make sure that active zoneset has only interoperable members (PWWN).

Error Message ZONE-4-ZS_QOS_LUN_WARNING: LUN member(s) and QoS attribute are present in zone [chars] in vsan [dec]. QoS will not be applicable for LUN members.

Explanation QoS will not be applicable to LUN zone members in zone [chars] in vsan [dec].

Recommended Action No action is required.

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Error Message ZONE-4-ZS_SDV_VIRT_REAL_CONFLICT_WARNING: Virtual and Real devices are zoned together or zoned with same device. virtual name: [chars] pwwn: [chars]

Explanation Virtual and Real devices are zoned together or zoned with same device, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_TOO_MANY_ALIAS_IN_CURRENT_INTEROP_MODE: Too many aliases in current interoperability mode

Explanation Too many aliases configured in current interoperability mode on the VSAN. Due to this, the next zoneset activation, distribution or merge operation may fail.

Recommended Action Set the interoperability mode to appropriate value OR make sure the number of aliases is less than the maximum allowed in the current interoperability mode.

Error Message ZONE-4-ZS_UNSUPPORTED_MEMBER_IN_CURRENT_INTEROP_MODE: Unsupported member present in active or full zoneset in current interoperability mode

Explanation Active or full zoneset has members that are not supported in the current interoperability mode set on the VSAN.

Recommended Action Set the interoperability mode to appropriate value OR make sure that active or full zoneset has only supported members in the current interoperability mode.

ZONE-5

Error Message ZONE-5-ZS_EXPORT_IMPORT_COMPLETE: [chars] operation completed

Explanation [chars] (Export/Import) operation completed.

Recommended Action No action is required.

Error Message ZONE-5-ZS_POLICY_CHANGE: Default zoning policy changed to [chars]

Explanation Default zoning policy changed to (permit/deny).

Recommended Action No action is required.

Error Message ZONE-5-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated

Explanation Zoneset [chars] activated.

Recommended Action No action is required.

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Error Message ZONE-5-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated

Explanation Zoneset deactivated.

Recommended Action No action is required.

ZONE-6

Error Message ZONE-6-LZ_BECAME_ACTIVE: LUN/Read-only zoning process became ACTIVE from standby mode

Explanation The LUN/Read-only zoning process on the standby supervisor became active.

Recommended Action No action is required.

Error Message ZONE-6-LZ_BECAME_STDBY: LUN/Read-only zoning process became STANDBY from active mode

Explanation The LUN/Read-only zoning process became standby from active mode.

Recommended Action No action is required.

Error Message ZONE-6-LZ_FAILED_TO_SEND_HEARTBEAT: LUN/Read-only zoning process failed to send heartbeat to system manager: Reason=[chars]

Explanation The LUN/Read-only zoning process was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message ZONE-6-LZ_GENERAL_EVENT: [chars]

Explanation The LUN/Read-only zoning process has generated an important event. The description of the event is [str].

Recommended Action No action is required.

Error Message ZONE-6-LZ_INQUIRY_TO_ZONED_OUT_LUN: INQUIRY command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received INQUIRY FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

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Error Message ZONE-6-LZ_REPORT_LUNS_CMD_RCVD: REPORT LUNS command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received REPORT LUNS FCP command from SID [char] to DID [char] for LUN [char].

Recommended Action No action is required.

Error Message ZONE-6-LZ_REQUEST_SENSE_TO_ZONED_OUT_LUN: REQUEST SENSE command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received. REQUEST SENSE FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message ZONE-6-LZ_SERVICE_UP: LUN/Read-only zoning Process initialized [chars]

Explanation The LUN/Read-only zoning process is up. The process was initialized in [char] mode.

Recommended Action No action is required.

Error Message ZONE-6-LZ_SWITCHOVER: LUN/Read-only zoning process switching over to other supervisor.

Explanation The LUN/Read-only zoning process has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message ZONE-6-ZS_CHANGE_ACA_REJECTED: ACA received from remote domain [dec] is rejected

Explanation Received invalid ACA from domain [dec]. Either the domain list do not match OR authorization has already been acquired by another switch.

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-6-ZS_FC2_OPER_INFO: FC2 [chars] operation failed : [chars]

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

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Error Message ZONE-6-ZS_INIT_PROCESS: Zone Server process started [chars] at [chars]

Explanation Zone Server process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message ZONE-6-ZS_INIT_WARNING: [chars]

Explanation Warning during Zone Server Initialization: [chars].

Recommended Action No action is required.

Error Message ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]

Explanation Invalid member type [dec] [chars] recieved from the API call.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ZONE-6-ZS_UNKNOWN_LIC_FEATURE: [chars]

Explanation Zone Server received an event for an known licensing feature: [chars].

Recommended Action No action is required.



CHAPTER 3

System Messages and Recovery Procedures for the Cisco Virtual Ethernet Module

This chapter includes the system messages for the Cisco Virtual Ethernet Module (VEM). The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by mnemonics. Each system message is followed by an explanation and a recommended action.

PVLAN VEM

This section contains the PVLAN VEM messages.

PVLAN-VEM

Error Message 3, PVLAN-VEM, Non-Static PVLAN MAC entry --
%02x%02x:%02x%02x:%02x%02x, please shut/no shut the Veth.

Explanation Non-Static PVLAN MAC entry.

Recommended Action When user sees this warning message, user should do a shut/no shut on the veth that has the indicated MAC address.

Error Message 4, PVLAN-VEM, %s Non-Static PVLAN MAC entry.

Explanation Non-Static PVLAN MAC entry.

Recommended Action When user sees this warning message, user should do a shut/no shut on the veth that has the indicated MAC address.

SVS QoS Messages

This section contains the SVS QOS messages.

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ipqos-vem

Error Message 1, ipqos-vem, function %s Bandwidth change did not take effect for intf %s, Class ID %d. Please revert and reapply the bandwidth/queue-limit change, __FUNCTION__, (port_entry)?port_entry->ifname:unknown,sf_qos_q_misconfig_1 classid.

Explanation When VEM is in offline mode, if the bandwidth or queue-limit parameters are modified, they will not take effect.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, Cannot configure service policy with total bw %llu, bw.

Explanation iCannot apply the queueing policy as the total bandwidth exceeds 100%. Validate the service-policy configuration to ensure bandwidth percentage for all the class-maps within the policy do not exceed 100.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s. Couldn't find classmap %d. Explanation: Could not find the corresponding class map node in the local datapath tables.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s Couldn't allocate %d filter countersExplanation: iCould not allocate enough memory to save this data structure. Possibly system running out of memory.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s Pinst doesn't have counters.

Explanation Could not find the stats counters for the specific pinst.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message 3, ipqos-vem, function %s Policy not found for table ref %d.

Explanation Could not find the corresponding policy in the datapath tables for the stats request.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

QoS Agent

Error Message QoS Agent: Add policy inst failed Trying to apply nonexistent id %u [%d], (unsigned)policy_id, session->tbl_id.

Explanation iFailed to get the local policy id for this session for the corresponding global policy id. This session will fail.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent : add pinst - Out of Memory.

Explanation Failed to allocate memory for the specific node. The system possibly running out of free memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Configured QoS stats exceed limit that can be retrieved (%d), required_memory.

Explanation Memory required for the stats request exceeds the max limit.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Failed to find an entry for global to local policy id.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of policies per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message Qos Agent: Failed to get a free entry for global to local class id. Hit the max limit on number of classmaps/policers per VEM.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of nodes per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Failed to get a free entry for global to local policy id. Hit the max limit on number of policies per VEM.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of policies supported per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Only one queuing policy instance (per VEM) is supported. Explanation: Cannot configure more than one queueing policy on the VEM.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

QOS Failure

Error Message QOS Failure: Queuing policy can only be installed on a ESX/ESXi 4.1.0 host.

Explanation A queuing policy can only be applied to a ESX/ESXi 4.1.0 host. Error is due to policy being applied on a 4.1.0 ESX/ESXi host..

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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SYSLOGDOC_NO_DDTS Messages

NW_STATE_TRACKING_INTERFACE_INACTIVE

Error Message 1, NW_STATE_TRACKING_INTERFACE_INACTIVE, Interface %s mapped to sg-id %d of port-channel %s has been in-activated as the ingress traffic counters were unchanged during current split-network mode.

Explanation The interface identified in the syslog have failed to receive any traffic for the past threshold time. The threshold time is based on the configured tracking threshold and tracking frequency. This combined with ñNW_STATE_TRACKING_SPLIT_DETECTEDi indicates a problem related to configuration or hardware/driver failure along the network path.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, NW_STATE_TRACKING_SPLIT_DETECTED, Split-network detected in port-channel %s using network-state tracking mechanism on vlan %d.

Explanation The tracking packets sent through the interfaces belonging to the vPC-HM port channel on tracking vlan are not being received back from the network indicating a split in the network. This could possibly be a configuration problem or a hardware problem somewhere along the network path.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, NW_STATE_TRACKING_INTERFACE_ACTIVE, Interface %s mapped to sg-id %d of port-channel %s has been activated again.

Explanation The interface mentioned in the syslog are properly forwarding the traffic.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, NW_STATE_TRACKING_RECOVERY_DETECTED, Split-network recovery detected in port-channel %s using network-state tracking mechanism on vlan %d.

Explanation The tracking packets are looping back to the port channel from the network indicating the recovery in the earlier detected network split.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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SF Port

Error Message 1, sfport, Removing Uplink Port %s (l1 %d), when vmknic %s (l1 %d) is pinned to this port for iSCSI Multipathing.

Explanation This syslog says that an uplink, to which iSCSI vmknic is pinned, is being removed. iSCSI will continue to work as long as there is another uplink carrying the same VLAN.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SFS Switch Data

Error Message 1, sfswitchdata, L3 Control and System VLAN configurations not applied on vethernet port. VMware Port [%d] DVPortGroup [%s]. L3 Control can be applied only on VMKernel port.

Explanation This is a warning that L3 control portgroup is being applied on a non-vmknic port. This configuration is ignored.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

VSS Net

Error Message 1, vssnet, %s: connect - Cannot add uplink %d. Max number of uplinks (%d) exceeded.

Explanation Max #uplinks (32) have been exceeded.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, vssnet, %s: connect - Cannot add virtual port %d. Max number of veths (%d) exceeded.

Explanation iMax #veths (216) have been exceeded.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, vssnet, %s: Failed setting MTU for VMW port wiht portID %d.\n.

Explanation Failed setting MTU on uplink port.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic created with ip address: %s

Explanation A new L3Control/ERSPAN capable VMKNic is detected on the specified module, with the specified IP address. Recommended Action: No action.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic ip address modified %s

Explanation IP address of an L3Control/ERSPAN capable VMKNic is changed on the specified module. Recommended Action: No action.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic removed

Explanation A L3Control/ERSPAN capable VMKNic is removed from the specified module. Recommended Action: If there is an L3Control or ERSPAN configuration on this module, a new VMKNic must be created for proper functioning.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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